



ADDENDUM

Public Building Commission of Chicago | Richard J. Daley Center | 50 West Washington Street, Room 200 | Chicago, Illinois 60602 | (312) 744-3090 | pbcchicago.com

ADDENDUM NO.: 03
PROJECT NAME: Sauganash Elementary School Annex II and Renovations
PROJECT NO.: 05425
CONTRACT NO.: C1601
DATE OF ISSUE: October 27, 2021

NOTICE OF CHANGES, MODIFICATIONS, OR CLARIFICATIONS TO CONTRACT DOCUMENTS

The following changes, modifications, or clarifications are hereby incorporated and made an integral part of the Contract Documents. Unless clearly expressed otherwise by this Addendum, all terms and conditions defined in the original Contract Documents shall continue in full force and effect and shall have the same meaning in this Addendum. Issued Addenda represent responses/clarifications to various inquiries. Contractors shall be responsible for including all associated labor/material costs in its bid. Drawings/specifications corresponding to inquiry responses will be issued with the Issue for Construction Documents, upon issuance of building permit.

ITEM NO. 1: CHANGE TO KEY DATES

- Change 1** The **Bid Due Date and Time** has been **RESCHEDULED** to Tuesday, November 9, 2021 at 11:00a.m.
- Change 2** The **Pre-Award Meeting Date and Time** has been **RESCHEDULED** to Wednesday, November 10, 2021 at 11:00a.m.
- Change 3** A **Site Visit** has been scheduled for **Thursday, October 28, 2021 at 6:00am**. Bidders are to adhere to and wear proper PPE in accordance with Construction Safety Standards and COVID-19 Protocols. Meeting location is at the Main Entrance of the school on 6040 North Kilpatrick Avenue.

ITEM NO. 2: REVISIONS TO BOOK 1 – PBC INSTRUCTIONS TO BIDDERS

- Change 1** On Page 9, Section III. Instructions For Bidders I. MBE and WBE Commitments. **DELETE** '28% MBE and 4% WBE' and **REPLACE WITH** '24% MBE and 8% WBE'.
- Change 2** **REMOVE** Page 14 B. Bid Form (Hard Copy) and **REPLACE WITH** revised Bid Form included in this Addendum. COVID-19 Cleaning and Disinfecting Work Allowance Line Item has been added.
- Change 3** On Page 17, Section IV. D. Additional Allowance Schedules, **ADD** '4. COVID-19 Cleaning and Disinfecting Work Allowance in accordance with EPA and CDC guidance in the amount of \$25,000.00.
- Change 4** On Page 19, Section V. Bid Support Documents A (2) Line 1. **DELETE** '7' and **REPLACE WITH** '8'.

ITEM NO. 3: REVISIONS TO BOOK 2 – PBC STANDARD TERMS AND CONDITIONS

None.

ITEM NO. 4: REVISIONS TO BOOK 3 – TECHNICAL SPECIFICATIONS

- Change 1** **Book 3 – Volume 1 – REVISED** Specification Section 00 01 02 Table of Contents.
- Change 2** **Book 3 – Volume 1 – REVISED** Specification Section 01 14 11-Construction Operations and Site Utilization Plan.
 - a. Revised Part 1 General, Section 1.03, Paragraph F, Project Schedule, Construction Substantial Completion: New Annex and Site Development changed to 11/30/22.
- Change 3** **Book 3 – Volume 1 – ADDED** Specification Section 11 40 00 – Foodservice Equipment.

ITEM NO. 5: REVISIONS TO DRAWINGS

None.

ITEM NO. 6: REQUESTS FOR INFORMATION

RFI-1.

Question: Please reference section 07 81 00 applied fireproofing, part 3.03 application, item d. Troweling is labor intensive and therefore expensive. Can this item be deleted? If not, can it be limited to columns only?

Response: Bidders shall perform work as specified in Section 07 81 00 of the Contract Documents. Troweling required at all areas with exposed fireproofing.

RFI-2.

Question: Detail 2 & 3 on Drawing A-305 make reference to details on Drawing A-403. A-403 has not been provided. Please advise.

Response: Bidders shall reference Drawing A-403, dated 10/22/21, issued in Addendum No. 2.

RFI-3.

Question: Detail 2 on Drawing A-304 make reference to detail 1 on Drawing A-416 (detail added in Addendum #1 issuance). A-416 has not been provided.

Response: Bidders shall reference Drawing A-416, dated 10/22/21, issued in Addendum No. 2.

RFI-4.

Question: Please provide specifications for the Kitchen Equipment added to Drawing A-101 issued under Addendum #1.

Response: Specification section 11 40 00 has been added and is included in this Addendum.

RFI-5.

Question: Reference sheet C-001, General Note #11. "CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL EXISTING CITY WATER SERVICES ALONG PROPERTY FRONTAGE IN ACCORDANCE WITH CDWM REQUIREMENTS. RESTORE RIGHT OF WAY (PAVING, CURB, LANDSCAPE, ETC) TO CITY STANDARDS". None of the solicitation drawings identify any specific city water services to be removed. Please provide a drawing indicating the water services to be removed as referenced by this general note.

Response: Bidders are responsible for properly removing any/all existing city water services along property frontage, as needed to facilitate and execute Work, in accordance with the Contract Documents. Bidder shall properly survey all areas of Work to identify any pre-existing water service(s), for proper removal. Bidders shall be responsible for restoring any PROW elements, including paving, curb, landscape, etc., as needed. Please refer to drawing #G-201Survey For Reference, included in the Contract Documents.

RFI-6.

Question: Numerous drawings reference a storm water detention vault under the first floor slab on grade, however, there are no storm water detention vault details or drawings. The structural drawings note that the storm water detention vault is by others. Please clarify who is to furnish and install the storm water detention vault and provide details and specifications for the detention vault required.

Response: The stormwater detention vault, including design, engineering, procurement, and installation, is delegated to the Bidders. Bidder is responsible for the stormwater detention vault. StormTrap has provided project specific preliminary drawings regarding the requirements. Bidders shall reference the StormTrap drawings, dated 07/29/21, issued in Addendum No. 1, which indicate the work by the storm detention venter and work required by the Bidder. The Bidders shall coordinate all required work with the Stormwater Detention Vault manufacturer.

RFI-7.

Question: Aluminum Door ST2.1A has Hardware Set #143 listed on A-611, but Spec Section 087100.01 does not have a Hardware Set #143?

Response: Bidders shall refer to Hardware Set #143 in Section 08 71 00.01, revised in Addendum No. 1, dated 10/13/21.

RFI-8.

Question: Exterior Window Type C on A-410 calls for a 45 Minute Fire Rated, but there was no Exterior Fire Rated Window Spec included with the specifications and this Window also is called out as having the same Details as the Typical, Non-Rated Aluminum Windows. There was a Spec issued for Fire Rated Aluminum Framed System (084123), but this Spec seems to be for the 2nd Floor Interior Storefront Elevation shown on Detail 4/A-502.

Response: Bidders shall refer to drawing A-435, dated 10/22/21 issued in Addendum No. 2. For the specifications, bidders shall refer to Specification Section 08 41 23 Fire Rated Aluminum Frames, dated 10/22/21, issued in Addendum No. 2.

This Addendum includes the following attached Specifications and/or Documents:

1. Specification Section 00 01 02 – Table of Contents, dated 10/27/21
2. Specification Section 01 14 11 – Construction Operations and Site Utilization Plan, dated 10/27/21
3. Specification Section 11 40 00 – Foodservice Equipment, dated 10/27/21
4. Revised Sauganash Elementary School Annex II and Renovations Bid Form, dated 10/27/2021

This Addendum includes the following attached Drawings:

1. None.

END OF ADDENDUM NO. 03

**B. BID FORM - SAUGANASH ELEMENTARY SCHOOL ANNEX II AND RENOVATIONS
(REVISED)**

PROJECT NAME: Sauganash Elementary School Annex II and Renovations
CONTRACT NO: C1601
PROJECT NO: 05425

**BID FORM
(For Hard Copy Submission)**

| LINE | DESCRIPTION | AMOUNT |
|----------|--|---------------|
| 1 | Base Work Only | \$ |
| 2 | Commission's Contract Contingency | \$ 700,000.00 |
| 3 | Site Work Allowance | \$ 250,000.00 |
| 4 | Camera Allowance | \$ 75,000.00 |
| 5 | Environmental Allowance | \$ 75,000.00 |
| 6 | Moisture Mitigation Allowance | \$ 135,000.00 |
| 7 | COVID-19 Cleaning and Disinfecting Work Allowance in accordance with EPA and CDC guidance. | \$ 25,000.00 |
| 8 | TOTAL BASE BID (equals Line 1 through 7) | \$ |
| 9 | TOTAL AWARD CRITERIA FIGURE (based on Line 1) | \$ |

Accepted by the Commission

SURETY INFORMATION

(Provide Legal Name and address of Surety)

Name: _____
 Address: _____

BIDDER'S INFORMATION

Firm Name: _____
 Date: _____

NOTES/INSTRUCTIONS

Prior to submitting your bid electronically, please do the following:

- Ensure** Line 1, Base Work Only Amount, Surety Information section, and Bidder's Information section have been populated.
- Save** the file.
- Convert** the file to PDF.
- Include** copy of the Bid Form **within** the scanned copy of the bid.
- Attach** the PDF version, **along with** the scanned copy of the bid.
- Send email** to: bids@pbchicago.com and patricia.montenegro@cityofchicago.org.

| | | |
|--------------|-----------------------------|--|
| Light Purple | Base Work Only | For Base Work only, enter numbers without decimals or commas. (ie For Base Bid of \$100,000.00, enter 100000) |
| Light Blue | Contingency(ies) | Amount is fixed and will automatically calculate to determine Total Base Bid (Total of 1+2+3+4+5+6) |
| Light Yellow | Allowance(s) | Amounts are fixed and will automatically calculate to determine Total Base Bid (Total of 1+2+3+4+5+6) |
| Orange | Total Base Bid | Equals Line 1 through 7. Total Base Bid automatically populates. |
| Green | Total Award Criteria Figure | Based on Line 8 (Total Base Bid figure). Total Award Criteria Figure automatically populates from Award Criteria Figure Worksheet. |

SECTION 00 01 02

TABLE OF CONTENTS – BOOK 3, PART 1

DIVISION 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS

| | | |
|----------|---|-------------|
| 00 01 11 | SUPPLEMENTAL PROJECT INFORMATION..... | 01_11/27/18 |
| | Attachments to 00 01 11 | |
| | - Geotechnical Investigation Report by GSG Consultants, Inc and dated July 26, 2021. | |
| | - Asbestos-Containing Material, Lead-Based Paint and Hazardous Material Survey Summary Report, by Carnow, Conibear & Associates, Ltd. and dated August 18, 2021 | |
| | - Phase 1 Environmental Site Assessment by Carnow, Conibear & Associates, Ltd. and dated September 27, 2021 | |
| | - Phase II Environmental Site Assessment by Carnow, Conibear & Associates, Ltd. and dated September 30, 2021 | |
| | - Roofing Materials Asbestos Testing Report by True North Consultants and dated June 15, 2021 | |

DIVISION 01 - GENERAL REQUIREMENTS

| | | |
|-------------|---|-----------------|
| 01 14 11 | CONSTRUCTION OPERATIONS AND SITE UTILIZATION PLAN..... | 01_11/27/18 |
| 01 25 00 | SUBSTITUTION PROCEDURES..... | 01_11/27/18 |
| 01 25 00.01 | SUBSTITUTION REQUEST FORM..... | 01_11/27/18 |
| 01 32 16 | CONSTRUCTION PROGRESS SCHEDULE..... | 01_11/27/18 |
| 01 33 29 | LEED SUSTAINABLE DESIGN REPORTING..... | 01_11/27/18 |
| 01 33 29.01 | LEED PROJECT CHECKLIST..... | 01_11/27/18 |
| 01 33 29.04 | LEED MATERIAL CONTENT FORM..... | 01_11/27/18 |
| 01 33 29.07 | LEED PROHIBITED CONTENT INSTALLER CERTIFICATION..... | 01_11/27/18 |
| 01 40 00 | QUALITY REQUIREMENTS..... | 01_11/27/18 |
| 01 42 16 | DEFINITIONS..... | 01_11/27/18 |
| 01 50 05 | TEMPORARY FACILITIES AND CONTROLS – NEW CONSTRUCTION... | 01_11/27/18 |
| 01 50 10 | COMMISSION REPRESENTATIVE FIELD OFFICE..... | PBC 07_10/10/19 |
| 01 56 11 | GENERAL DUST, FUME AND ODOR CONTROLS..... | 01_11/27/18 |
| 01 57 13 | LEED TEMPORARY EROSION AND SEDIMENT CONTROL..... | 01_11/27/18 |
| 01 57 19 | LEED INDOOR AIR QUALITY CONTROLS..... | 01_11/27/18 |
| 01 57 51 | INTEGRATED PEST MANAGEMENT..... | 01_11/27/18 |
| 01 60 00 | PRODUCT REQUIREMENTS..... | 01_11/27/18 |
| 01 61 16 | LEED VOLATILE ORGANIC COMPOUND (VOC) RESTRICTIONS..... | 01_11/27/18 |
| 01 62 10 | PRE-CONSTRUCTION PROJECT MOCK-UP..... | 01_11/27/18 |
| 01 70 00 | EXECUTION REQUIREMENTS..... | 01_11/27/18 |
| 01 73 29 | CUTTING AND PATCHING..... | 01_11/27/18 |
| 01 74 19 | LEED CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL..... | 01_11/27/18 |
| 01 78 23.1 | OPERATIONS & MAINTENANCE DATA – COMMISSIONING..... | 01_04/26/19 |
| 01 79 00 | DEMONSTRATION AND TRAINING..... | 01_11/27/18 |
| 01 79 00.1 | DEMONSTRATION & TRAINING – COMMISSIONING..... | 01_04/26/19 |
| 01 91 00 | GENERAL COMMISSIONING (Cx) REQUIREMENTS.. | 01_04/26/19 |
| 01 91 14 | BUILDING ENCLOSURE COMMISSIONING REQUIREMENTS..... | 01_11/27/18 |

TABLE OF CONTENTS – BOOK 3, PART 1 (CONTINUED)

DIVISION 02 - EXISTING CONDITIONS

| | | |
|----------|--|-------------|
| 02 24 00 | ENVIRONMENTAL ASSESSMENT | 01_11/27/18 |
| 02 24 01 | ENVIRONMENTAL SCOPE SHEETS..... | 01_11/27/18 |
| 02 26 00 | HAZARDOUS MATERIALS ASSESSMENT | 01_11/27/18 |
| 02 41 16 | BUILDING DEMOLITION | 01_11/27/18 |
| 02 41 19 | SELECTIVE DEMOLITION | 01_11/27/18 |
| 02 65 00 | UNDERGROUND STORAGE TANK REMOVAL | 01_11/27/18 |
| 02 82 14 | ASBESTOS ABATEMENT – INTERIORS | 01_11/27/18 |
| 02 83 19 | LEAD-BASED PAINT ABATEMENT | 01_11/27/18 |
| 02 86 13 | HAZARDOUS AND UNIVERSAL WASTE MANAGEMENT | 01_11/27/18 |

DIVISION 03 - CONCRETE

| | | |
|----------|------------------------------|-------------|
| 03 30 00 | CAST-IN-PLACE CONCRETE | 01_11/27/18 |
| 03 54 00 | CAST UNDERLAYMENT | 01_11/27/18 |

DIVISION 04 - MASONRY

| | | |
|----------|------------------------------|-------------|
| 04 01 00 | MAINTENANCE OF MASONRY | 01_11/27/18 |
| 04 20 00 | UNIT MASONRY | 01_11/27/18 |
| 04 43 13 | STONE MASONRY | 01_11/27/18 |
| 04 72 00 | CAST STONE MASONRY | 01_11/27/18 |

DIVISION 05 - METALS

| | | |
|----------|--------------------------------|-------------|
| 05 12 00 | STRUCTURAL STEEL FRAMING | 01_11/27/18 |
| 05 21 00 | STEEL JOIST FRAMING | 01_11/27/18 |
| 05 31 00 | STEEL DECKING | 01_11/27/18 |
| 05 40 00 | COLD-FORMED METAL FRAMING..... | 01_11/27/18 |
| 05 50 00 | METAL FABRICATIONS | 01_11/27/18 |
| 05 51 00 | METAL STAIRS..... | 01_11/27/18 |
| 05 52 13 | PIPE AND TUBE RAILINGS | 01_11/27/18 |
| 05 58 13 | COLUMN COVERS | BY PSC |

DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES

| | | |
|----------|-----------------------------------|-------------|
| 06 10 00 | ROUGH CARPENTRY | 02_12/14/18 |
| 06 20 00 | FINISH CARPENTRY | 01_11/27/18 |
| 06 41 00 | ARCHITECTURAL WOOD CASEWORK | 01_11/27/18 |

DIVISION 07 - THERMAL AND MOISTURE PROTECTION

| | | |
|-------------|----------------------------------|-------------|
| 07 01 50.62 | CLAY TILE ROOF DECK REPAIR | 01_11/27/18 |
| 07 01 50.65 | ROOF PATCHING | 01_11/27/18 |

TABLE OF CONTENTS – BOOK 3, PART 1 (CONTINUED)

| | | |
|-------------|---|-------------|
| 07 13 00 | SHEET WATERPROOFING..... | 01_11/27/18 |
| 07 21 00 | THERMAL INSULATION | 01_11/27/18 |
| 07 21 19 | FOAMED-IN-PLACE INSULATION | BY PSC |
| 07 25 00 | WEATHER BARRIERS | 01_11/27/18 |
| 07 52 16.11 | COLD APPLIED MODIFIED BITUMINOUS MEMBRANE ROOFING | 03_01/28/21 |
| 07 52 16.12 | HOT APPLIED MODIFIED BITUMINOUS MEMBRANE ROOFING | 03_01/28/21 |
| 07 62 00 | SHEET METAL FLASHING AND TRIM..... | 01_11/27/18 |
| 07 71 00 | ROOF SPECIALTIES | 02_11/30/18 |
| 07 72 00 | ROOF ACCESSORIES | 01_11/27/18 |
| 07 81 00 | APPLIED FIREPROOFING | 01_11/27/18 |
| 07 81 23 | INTUMESCENT FIREPROOFING..... | 01_11/27/18 |
| 07 84 00 | FIRESTOPPING | 01_11/27/18 |
| 07 91 00 | PREFORMED JOINT SEALS | BY PSC |
| 07 92 00 | JOINT SEALANTS..... | 01_11/27/18 |
| 07 95 13 | EXPANSION JOINT COVER ASSEMBLIES..... | 01_11/27/18 |

DIVISION 08 - OPENINGS

| | | |
|-------------|-------------------------------------|-------------|
| 08 11 13 | HOLLOW METAL DOORS AND FRAMES | 01_11/27/18 |
| 08 14 16 | FLUSH WOOD DOORS | 01_11/27/18 |
| 08 16 13 | FIBERGLASS DOORS..... | 01_11/27/18 |
| 08 31 00 | ACCESS DOORS AND PANELS | 01_11/27/18 |
| 08 33 23 | OVERHEAD COILING DOORS..... | 01_11/27/18 |
| 08 34 82 | FLOOR DOORS | BY PSC |
| 08 41 23 | FIRE RATED ALUMINUM FRAMES..... | BY PSC |
| 08 42 29 | AUTOMATIC DOOR OPERATORS..... | 01_11/27/18 |
| 08 44 13 | GLAZED ALUMINUM CURTAIN WALLS..... | BY PSC |
| 08 51 13 | ALUMINUM WINDOWS | 02_03/26/19 |
| 08 71 00 | DOOR HARDWARE | 02_05/26/21 |
| 08 71 00.01 | DOOR HARDWARE SCHEDULE | 02_05/26/21 |
| 08 80 00 | GLAZING | 02_06/22/20 |
| 08 91 00 | LOUVERS..... | 02_10/01/21 |

DIVISION 09 - FINISHES

| | | |
|----------|--|-------------|
| 09 01 24 | PLASTER RENOVATION | 01_11/27/18 |
| 09 05 61 | COMMON WORK RESULTS FOR FLOORING PREPARATION | 01_11/27/18 |
| 09 21 16 | GYPSUM BOARD ASSEMBLIES..... | 01_11/27/18 |
| 09 22 16 | NON-STRUCTURAL METAL FRAMING | 01_11/27/18 |
| 09 30 00 | TILING | 01_11/27/18 |
| 09 51 00 | ACOUSTICAL CEILINGS | 01_11/27/18 |
| 09 64 66 | WOOD ATHLETIC FLOORING..... | 02_11/02/20 |
| 09 64 83 | WOOD STAGE FLOORING | 02_11/02/20 |
| 09 65 00 | RESILIENT FLOORING | 04_10/01/21 |
| 09 67 00 | FLUID-APPLIED FLOORING..... | 01_11/27/18 |
| 09 84 30 | FABRIC-WRAPPED SOUND-ABSORBING WALL UNITS | 01_11/27/18 |
| 09 91 03 | SURFACE PREPARATION FOR RENOVATION PAINTING | 01_11/27/18 |
| 09 91 05 | RENOVATION PAINTING..... | 01_11/27/18 |
| 09 91 13 | EXTERIOR PAINTING..... | 01_11/27/18 |
| 09 91 23 | INTERIOR PAINTING..... | 01_11/27/18 |

TABLE OF CONTENTS – BOOK 3, PART 1 (CONTINUED)

DIVISION 10 - SPECIALTIES

| | | |
|-------------|---|-------------|
| 10 11 01 | VISUAL DISPLAY BOARDS..... | 01_11/27/18 |
| 10 14 00 | SIGNAGE..... | 01_11/27/18 |
| 10 21 13.19 | PLASTIC TOILET COMPARTMENTS..... | 01_11/27/18 |
| 10 26 01 | WALL AND CORNER PROTECTION..... | 02_03/15/21 |
| 10 28 00 | TOILET, BATH, AND LAUNDRY ACCESSORIES | 01_11/27/18 |
| 10 44 00 | FIRE PROTECTION SPECIALTIES..... | 01_11/27/18 |
| 10 51 12.11 | LOCKERS – ELEMENTARY SCHOOL | 01_11/27/18 |
| 10 70 50 | EXTERIOR SUN CONTROL DEVICES | B Y PSC |

DIVISION 11 - EQUIPMENT

| | | |
|-------------|--|-------------|
| 11 40 00 | FOODSERVICE EQUIPMENT | 01_11/27/18 |
| 11 52 13 | PROJECTION SCREENS | 01_11/27/18 |
| 11 61 33 | STAGE RIGGING CURTAINS AND CONTROLS | 01_11/27/18 |
| 11 66 23.11 | GYMNASIUM EQUIPMENT – ELEMENTARY SCHOOL..... | 04_10/01/21 |
| 11 66 43 | INTERIOR MULTI-SPORT SCOREBOARD | 03_10/01/21 |

DIVISION 12 - FURNISHINGS

| | | |
|----------|--------------------------------------|-------------|
| 12 24 00 | MANUAL WINDOW SHADES..... | 03_06/18/21 |
| 12 24 96 | MOTORIZED WINDOW SHADES..... | 01_06/18/21 |
| 12 32 00 | MANUFACTURED WOOD CASEWORK | 01_11/27/18 |
| 12 35 53 | WOOD LABORATORY CASEWORK..... | 05_05/26/21 |
| 12 36 00 | COUNTERTOPS..... | 04_03/05/21 |
| 12 48 13 | ENTRANCE FLOOR MATS AND FRAMES | 01_11/27/18 |
| 12 66 13 | TELESCOPING BLEACHERS | 01_11/27/18 |

DIVISION 13 - SPECIAL CONSTRUCTION – NOT REQUIRED

DIVISION 14 - CONVEYING EQUIPMENT

| | | |
|----------|-------------------------------------|-------------|
| 14 24 23 | HYDRAULIC PASSENGER ELEVATORS | 01_11/27/18 |
| 14 42 00 | VERTICAL PLATFORM LIFTS | 02_03/29/19 |

TABLE OF CONTENTS – BOOK 3, PART 2

DIVISION 21 - FIRE SUPPRESSION

| | | |
|----------|---|-------------|
| 21 05 53 | IDENTIFICATION FOR FIRE SUPPRESSION PIPING AND EQUIPMENT. | 01_11/27/18 |
| 21 13 00 | FIRE SUPPRESSION SPRINKLER SYSTEMS..... | 01_11/27/18 |
| 21 30 00 | FIRE PUMPS | 01_11/27/18 |

DIVISION 22 - PLUMBING

| | | |
|----------|---|-------------|
| 22 05 48 | VIBRATION CONTROLS FOR PLUMBING PIPING AND EQUIPMENT | 01_11/27/18 |
| 22 05 53 | IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT..... | 02_04/13/21 |
| 22 07 16 | PLUMBING EQUIPMENT INSULATION | 01_11/27/18 |
| 22 07 19 | PLUMBING PIPING INSULATION..... | 01_11/27/18 |
| 22 11 16 | DOMESTIC WATER PIPING..... | 01_11/27/18 |

| | | |
|----------|--|-------------|
| 22 11 19 | DOMESTIC WATER PIPING SPECIALTIES | 01_11/27/18 |
| | TABLE OF CONTENTS – BOOK 3, PART 2 (CONTINUED) | |
| 22 13 16 | SANITARY WASTE, VENT AND STORM DRAINAGE PIPING | 01_11/27/18 |
| 22 14 23 | DRAINAGE PIPING SPECIALTIES | 01_11/27/18 |
| 22 35 00 | DOMESTIC WATER PUMPS | 02_10/01/21 |
| 22 36 00 | COMMERCIAL FUEL-FIRED WATER HEATERS | 01_11/27/18 |
| 22 37 00 | SANITARY SEWAGE AND SUMP PUMPS | 01_11/27/18 |
| 22 40 00 | PLUMBING FIXTURES | 01_11/27/18 |
| 22 66 53 | CHEMICAL WASTE PIPING..... | 01_11/27/18 |

DIVISION 23 - HEATING, VENTILATING, AND AIR-CONDITIONING (HVAC)

| | | |
|-------------|---|-------------|
| 23 01 30_51 | HVAC AIR-DISTRIBUTION SYSTEM CLEANING | 01_11/27/18 |
| 23 05 13 | COMMON MOTOR REQUIREMENTS FOR HVAC EQUIPMENT | 01_11/27/18 |
| 23 05 16 | EXPANSION FITTINGS AND LOOPS FOR HVAC PIPING..... | 01_11/27/18 |
| 23 05 19 | METERS AND GAGES FOR HVAC PIPING | 01_11/27/18 |
| | TABLE OF CONTENTS – BOOK 3, PART 2 (CONTINUED) | |
| 23 05 23 | GENERAL-DUTY VALVES FOR HVAC PIPING | 01_11/27/18 |
| 23 05 48 | VIBRATION CONTROLS FOR HVAC PIPING AND EQUIPMENT | 01_11/27/18 |
| 23 05 53 | IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT | 02_04/13/21 |
| 23 05 93 | TESTING, ADJUSTING, AND BALANCING FOR HVAC | 01_11/27/18 |
| 23 07 13 | DUCT INSULATION | 01_11/27/18 |
| 23 07 16 | HVAC EQUIPMENT INSULATION | 01_11/27/18 |
| 23 07 19 | HVAC PIPING INSULATION..... | 01_11/27/18 |
| 23 09 21 | Building Automation System-Basic Materials, Interface Devices, And Sensors | 07_01/28/21 |
| 23 09 23 | DIRECT-DIGITAL CONTROL SYSTEM FOR HVAC | 06_01/28/21 |
| 23 09 26 | Building Automation System-Sequence of Operation..... | 03_04/03/07 |
| 23 09 27 | Building Automation System-Commissioning..... | 01_11/27/18 |
| 23 21 13 | HYDRONIC PIPING | 01_11/27/18 |
| 23 21 14 | HYDRONIC SPECIALTIES | 01_11/27/18 |
| 23 21 23 | HYDRONIC PUMPS | 01_11/27/18 |
| 23 22 13 | STEAM AND CONDENSATE HEATING PIPING | 01_11/27/18 |
| 23 22 14 | STEAM AND CONDENSATE HEATING SPECIALTIES | 01_11/27/18 |
| 23 23 00 | REFRIGERANT PIPING | 01_11/27/18 |
| 23 25 00 | HVAC WATER TREATMENT | 01_11/27/18 |
| 23 31 00 | HVAC DUCTS AND CASINGS | 01_11/27/18 |
| 23 33 00 | AIR DUCT ACCESSORIES..... | 01_11/27/18 |
| 23 34 23 | HVAC POWER VENTILATORS..... | 01_11/27/18 |
| 23 36 00 | AIR TERMINAL UNITS..... | 01_11/27/18 |
| 23 37 00 | AIR OUTLETS AND INLETS | 01_11/27/18 |
| 23 51 00 | BREECHINGS, CHIMNEYS, AND STACKS | 01_11/27/18 |
| 23 52 16 | CONDENSING BOILERS..... | 01_11/27/18 |
| 23 64 23 | SCROLL WATER CHILLERS | 01_11/27/18 |
| 23 73 13 | MODULAR INDOOR CENTRAL AIR HANDLER | 01_11/27/18 |
| 23 81 26.13 | SMALL-CAPACITY SPLIT-SYSTEM AIR CONDITIONERS..... | 01_11/27/18 |
| 23 82 00 | CONVECTION HEATING AND COOLING UNITS | 01_11/27/18 |

TABLE OF CONTENTS – BOOK 3, PART 2 (CONTINUED)

DIVISION 26 - ELECTRICAL

| | | |
|-------------|--|-------------|
| 26 05 05 | SELECTIVE DEMOLITION FOR ELECTRICAL | 01_11/27/18 |
| 26 05 19 | LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES | 01_11/27/18 |
| 26 05 26 | GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS | 01_11/27/18 |
| 26 05 29 | HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS..... | 01_11/27/18 |
| 26 05 33.13 | CONDUIT FOR ELECTRICAL SYSTEMS | 01_11/27/18 |
| 26 05 33.16 | BOXES FOR ELECTRICAL SYSTEMS..... | 01_11/27/18 |
| 26 05 33.23 | SURFACE RACEWAYS FOR ELECTRICAL SYSTEMS..... | 01_11/27/18 |
| 26 05 48 | NOISE AND VIBRATION CONTROL FOR ELECTRICAL SYSTEMS | 01_11/27/18 |
| 26 05 53 | IDENTIFICATION FOR ELECTRICAL SYSTEMS | 02_04/13/21 |
| 26 05 73 | POWER SYSTEM STUDIES | 01_11/27/18 |
| 26 05 83 | WIRING CONNECTIONS | 01_11/27/18 |
| 26 08 13 | TESTING OF ELECTRICAL SYSTEMS | 01_11/27/18 |
| 26 09 19 | ENCLOSED CONTACTORS..... | 01_11/27/18 |
| 26 09 23 | LIGHTING CONTROL DEVICES | 02_02/09/21 |
| 26 09 36 | MODULAR DIMMING CONTROLS | 02_02/09/21 |
| 26 09 43 | LIGHTING CONTROLS..... | 02_02/09/21 |
| 26 09 61 | THEATRE STAGE LIGHTING SYSTEM..... | BY PSC |
| 26 21 00 | LOW-VOLTAGE ELECTRICAL SERVICE ENTRANCE | 01_11/27/18 |
| 26 24 13 | SWITCHBOARDS | 01_11/27/18 |
| 26 24 16 | PANELBOARDS | 01_11/27/18 |
| 26 27 13 | ELECTRICITY METERING | dbHMS |
| 26 27 14 | ELECTRICITY SUBMETERING | dbHMS |
| 26 27 26 | WIRING DEVICES | 03_03/19/21 |
| 26 28 13 | FUSES | 01_11/27/18 |
| 26 28 16.13 | ENCLOSED CIRCUIT BREAKERS | 01_11/27/18 |
| 26 28 16.16 | ENCLOSED SWITCHES | 01_11/27/18 |
| 26 29 13 | ENCLOSED CONTROLLERS..... | 01_11/27/18 |
| 26 29 23 | VARIABLE FREQUENCY MOTOR CONTROLLERS | 01_11/27/18 |
| 26 41 13 | LIGHTNING PROTECTION FOR STRUCTURES | 01_11/27/18 |
| 26 43 00 | SURGE PROTECTIVE DEVICES | 01_11/27/18 |
| 26 51 00 | INTERIOR LIGHTING..... | 02_02/09/21 |
| 26 56 00 | EXTERIOR LIGHTING..... | 02_02/09/21 |

DIVISION 27 - COMMUNICATIONS

| | | |
|-------------|---|-------------|
| 27 05 03 | COMMUNICATIONS GENERAL REQUIREMENTS | 01_11/27/18 |
| 27 05 38 | CABLE TRAYS FOR STRUCTURED CABLING SYSTEMS | 01_11/27/18 |
| 27 05 53 | IDENTIFICATION FOR COMMUNICATION SYSTEMS..... | 01_11/27/18 |
| 27 05 53.01 | IDENTIFICATION FOR COMMUNICATION SYSTEMS LABELING | 01_11/27/18 |
| 27 08 00 | COMMISSIONING OF COMMUNICATIONS | 01_11/27/18 |
| 27 11 16 | COMMUNICATIONS CABINETS, RACKS, AND ENCLOSURES | 01_11/27/18 |
| 27 13 13 | COMMUNICATIONS COPPER BACKBONE CABLING..... | 01_11/27/18 |
| 27 13 23 | COMMUNICATIONS OPTICAL FIBER BACKBONE CABLING | 01_11/27/18 |
| 27 15 00 | DATA COMMUNICATIONS HORIZONTAL CABLING | 02_12/11/20 |
| 27 51 00 | DISTRIBUTED AUDIO-VIDEO COMMUNICATIONS SYSTEMS | 01_11/27/18 |

TABLE OF CONTENTS – BOOK 3, PART 2 (CONTINUED)

| | | |
|----------|---|-------------|
| 27 51 16 | PUBLIC ADDRESS SYSTEMS | 01_08/06/21 |
| 27 51 26 | ASSISTIVE LISTENING DEVICE SYSTEMS | 04_10/01/21 |
| 27 53 13 | MASTER CLOCK SYSTEMS | 01_11/27/18 |
| 27 53 15 | INTERCOM/MASTER CLOCK & PROGRAM EQUIPMENT INTERFACE .. | 01_11/27/18 |
| 27 60 13 | WIRELESS ACCESS POINTS FOR DATA COMMUNICATIONS | 01_11/27/18 |

DIVISION 28 - ELECTRONIC SAFETY AND SECURITY

| | | |
|----------|--|-------------|
| 28 13 15 | ACCESS CONTROL SYSTEM - DOOR ENTRY (LARGE INSTALLATION) | 01_11/27/18 |
| 28 23 07 | DVS SYSTEM - EXISTING SCHOOL | 01_11/27/18 |
| 28 26 09 | RESCUE ASSISTANCE SYSTEM | 01_11/27/18 |
| 28 31 00 | FIRE DETECTION AND ALARM | 01_11/27/18 |
| 28 31 11 | BUILDING INTRUSION DETECTION | 01_11/27/18 |

DIVISION 31 - EARTHWORK

| | | |
|-------------|--|-------------|
| 31 13 00 | TREE AND LANDSCAPE PROTECTION | 01_03/20/09 |
| 31 22 00 | GRADING | 01_11/27/18 |
| 31 22 15 | EARTHWORK FOR PERMEABLE SURFACING SYSTEMS | 01_11/27/18 |
| 31 23 16 | EXCAVATION | 01_11/27/18 |
| 31 23 17 | EXCAVATING, BACKFILLING, AND COMPACTING FOR UTILITIES | 01_11/27/18 |
| 31 23 18.13 | SOIL, FILL, BACKFILL, CU STRUCT SOIL, AND CONST DEMO DEBRIS . | 01_11/27/18 |
| 31 23 23 | FILL | 01_11/27/18 |
| 31 23 23.25 | ACCEPTANCE OF BACKFILL, TOP SOIL, CU STRUCTURAL SOIL | 01_11/27/18 |
| 31 63 29 | DRILLED CONCRETE PIERS AND SHAFTS | 01_11/27/18 |

DIVISION 32 - EXTERIOR IMPROVEMENTS

| | | |
|----------|--|-------------|
| 32 12 16 | ASPHALT PAVING | 02_10/01/21 |
| 32 13 13 | CONCRETE PAVING | 01_11/27/18 |
| 32 14 43 | PERMEABLE UNIT PAVING | 01_11/27/18 |
| 32 17 23 | PAVEMENT MARKINGS | 02_10/01/21 |
| 32 31 19 | DECORATIVE METAL FENCES AND GATES | 01_11/27/18 |
| 32 33 00 | SITE BENCHES | 01_11/27/18 |
| 32 40 00 | LANDSCAPE STONE FEATURES | BY PSC |
| 32 92 23 | SODDING | 01_11/27/18 |
| 32 93 00 | PLANTS | 01_11/27/18 |

DIVISION 33 - UTILITIES

| | | |
|----------|------------------------------------|-------------|
| 33 41 00 | SEWERAGE AND DRAINAGE | 01_11/27/18 |
| 33 51 13 | NATURAL GAS PIPING | 01_11/27/18 |

END OF SECTION

**SECTION 01 14 11
CONSTRUCTION OPERATIONS AND SITE UTILIZATION PLAN**

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Construction Operations Parameters
- B. Site Utilization Plan

1.02 SUBMITTALS

- A. Site Utilization Plan: The Contractor shall utilize the Board's Electronic Document Submittal Service to submit the Site Utilization Plan.
 - 1. The Contractor shall re-submit proposed revisions provided by the Board's Representative and the Architect/Engineer of Record.

1.03 CONSTRUCTION OPERATIONS PARAMETERS

A. General:

- B. The following information is intended to facilitate a coordinated construction environment for orderly, secure, and safe operations within the existing school and the entire school property, consequently forming the basis for the Site Utilization Plan prepared by the Contractor.
 - 1. All Construction Operating issues shall be channeled through and require approval by the Board's Representative and the Building Engineer and Principal.
 - 2. The Site Utilization Plan and Construction Schedule will be prepared by the Contractor based on the requirements of the project and in coordination with the existing school operations and program outlined in this Section.

C. PROJECT CONTACT INFORMATION

| | | |
|---------------|------------------------------------|---|
| School | Sauganash Elementary School | 6040 N Kilpatrick Avenue Chicago, IL 60646 |
| CPS Project # | 2021-25211-ANX | |
| Network | 1 | |

| | Name | Email | Phone |
|----------------------------|--|---------------------------------|-----------------------|
| Chief of Schools | Julie McGlade | jamcglade@cps.edu | (773) 534-1038 |
| Alderman | Samantha Nugent (39th) | Ward39@cityofchicago.org | (773) 736-5594 |
| Principal | Christine Munns | cdmunns@cps.edu | (773) 841-6476 |
| Building Engineer | Angel Marin | almarin@cps.edu | (773) 534-2394 |
| Facility Manager | Tony Bealer | tbealer3@cps.edu | (312) 316-2809 |
| Lead Facility Manager | Jay Stuart | jlstuart@cps.edu | (773) 294-4982 |
| Custodial Manager | Tony Bealer | tbealer3@cps.edu | (312) 316-2809 |
| Custodial District Manager | Jay Stuart | jlstuart@cps.edu | (773) 294-4982 |
| PMO Project Manager | Jessica Christenson | jcchristenson@cps.edu | (773) 970-7559 |

| | | | |
|--------------------------------------|------------------------|----------------------------|-----------------------|
| PMO Design Manager | Justin Cafferty | jcafferty@cps.edu | (630) 346 7999 |
| Regional Safety and Security Manager | Henry Gonzalez | hgonzalez36@cps.edu | (773) 553-3106 |

E. EXISTING PROJECT CONDITIONS

1. Maintain all exiting in building clear to a Public Way in a manner acceptable to the Authorities having Jurisdiction.
2. Maintain all domestic water service while building is occupied by students, staff or community.
3. Maintain full electrical service while building is occupied by students, staff or community.
4. Maintain all life safety systems while building is occupied by students, staff or community.
5. Maintain all phone and data service while building is occupied by students, staff or community.

F. PROJECT SCHEDULE

| DESIGN | Milestone Completion Date |
|--|--------------------------------------|
| 30% Construction Documents | 6/25/2021 |
| 60% Construction Documents | 7/30/2021 |
| 90% Construction Documents | 9/3/2021 |
| 100% Construction Documents | 9/27/2021 |
| PROCUREMENT | Milestone Completion Date |
| Out to Bid | Anticipated October 4, 2021 TBD |
| Pre-Bid Walk Through | October TBD |
| Bid Opening | Anticipated November 3 TBD |
| Notice of Award | Anticipated November 10, 2021 TBD |
| Notice To Proceed | November/December TBD |
| PRE-CONSTRUCTION | Milestone Completion Date |
| Milestone | N/A |
| Milestone | N/A |
| Milestone | N/A |
| Building Permit | Anticipated November – December 2021 |
| CONSTRUCTION | Milestone Completion Date |
| Contractor Mobilization (following issuance of NTP and Permit) | Anticipated November/December 2021 |
| Milestone #1: Utility Relocations & UST Removal | 1/2/2022 |
| Milestone #2: Interior Renovations | 8/5/2022 |
| Substantial Completion: New Annex & Site Development | 11/30/22 |
| Turnover date to School for Final Clean | TBD |
| POST-CONSTRUCTION | Milestone Completion Date |
| Preliminary Acceptance | 8/5/2022 |
| Milestone | N/A |
| Milestone | N/A |
| Final Completion | September 2022 |
| 11-Month Warranty Walkthrough | 8/4/2023 |

G. CAMPUS COORDINATION

| SCHOOL HOURS OF OPERATION | |
|--|--|
| Academic School Year | |
| Student regular hours | 8:00am - 3:00pm |
| Building Engineer regular hours | 6:00am - 2:00pm |
| Custodian regular hours | 6:00am - 5:30pm |
| Student before-school program start | 7:50am entry |
| Student after-school programs end | 6:00pm |
| Weekend activities | |
| Summer Break | |
| Last day of school for students | 06/14/2022 |
| Last day of school for teachers | 06/15/2022 |
| Building Engineer hours during the summer | 6:00am - 2:00pm |
| Custodian hours during the summer | 6:00am - 2:30pm |
| Building Engineer vacation/time-off summer | TBD |
| First day of school for clerks | 08/10/2022 |
| First day of school for teachers | 08/24/2022 |
| First day of school for students | 08/29/2022 |
| School staff over summer break | Administration staff; Building Engineer; Custodial staff |
| Summer School | |
| Dates | July 5 - July 29 2022 |
| Hours | 8:00am – 11:00am |
| Rooms | 113, 115, 116, 117, 118, 119 |
| Doors | Door #1 - Main Entrance |
| Outdoor areas | Turf Field |
| Student registration during summer | |
| Dates | 08/10/2022 |
| Hours | 9:00am – 1:00pm |
| Rooms | |
| Doors | |
| Sports teams activities during summer | |
| Dates | None |
| Hours | None |
| Rooms | |
| Doors | |
| Outdoor areas | |
| School Winter Break: | |
| Last day of school for students | 12/17/2021 |
| Last day of school for teachers | 12/17/2021 |
| Building Engineer hours during the break | 6:00am - 2:00pm |

| | |
|--|-------------------------------|
| Custodian hours during the break | 6:00am - 2:00pm |
| Building Engineer vacation/time-off | TBD |
| First day of school for teachers | 01/03/2022 |
| First day of school for students | 01/03/2022 |
| School Spring Break: | |
| Last day of school for students | 04/08/2022 |
| Last day of school for teachers | 04/08/2022 |
| Building Engineer hours during the break | 6:00am - 2:00pm |
| Custodian hours during the break | 6:00am - 2:30pm |
| Building Engineer vacation/time-off | 04/11 - 04/15 2022 |
| First day of school for teachers | 04/18/2022 |
| First day of school for students | 04/18/2022 |
| Construction Black Out Dates | |
| Student Testing Dates: | March 1 - March 29 2022 |
| Graduation | 06/09/2022 |
| Orientation | 08/11/2022 |
| Other Important Dates | |
| Professional Development Days: | 08/24 - 08/26 2022 |
| Open House | 08/11/2022 9:00am – 4:00pm |
| Driver’s Education Schedule: | None |
| After-Hours and Break Community Activities | None |
| Heating Season (equipment must be fully operational) | 10/15/2021 - 04/01/2022 |
| Election Day(s) If School is a Voting Center | 11/08/2022 |

H. SPECIAL REQUIREMENTS:

| CRITICAL COORDINATION ITEMS | |
|------------------------------------|--|
| Long Lead Items | Coordinate with approved GC Schedule and applicable Milestones |
| ComEd Coordination | Prepare site prior to mobilization by ComEd. Site work includes installing primary feed conduit and precast transformer pads.. Provide temporary power, heat, fire watch, and security during utility interruptions. |
| People’s Gas Coordination | Prepare site prior to mobilization by PG. Site work includes installing concrete utility pad and fencing at new gas meter. Provide temporary power, heat, fire watch, and security during utility interruptions. |
| AT&T Coordination | Prepare site and interior conduit prior to mobilization by AT&T. Provide temporary power, heat, fire watch, and security during utility interruptions. |
| CDOT Coordination | Conduct street and sidewalk demolition and repair as needed to perform utility work. |
| OEMC Coordination | Arrange testing and inspection of new equipment. |
| Kitchen Inspection | Arrange kitchen inspection. |

| | |
|---|--|
| ITS Coordination | Arrange testing of new components. |
| Safety and Security Coordination | Arrange testing and inspection of new equipment. |
| New Keying System | Follow existing keying system. Conduct a keying conference. Test and adjust all new locking mechanisms. |
| Furniture | <p>CPS Operations – Furniture Logistics Coordinator to update this section</p> <ol style="list-style-type: none"> 1. List GC-provided furniture (include as attachment if list is extensive) and milestone for delivery / installation 2. List CPS (Operations) provided furniture and milestone for delivery / installation. Cutsheets provided? 3. List CPS (CTE) provided equipment and milestone for delivery / installation. Cutsheets provided? 4. List CPS (Food Services) provided equipment and milestone for delivery / installation. Cutsheets provided? 5. Coordinate off-site equipment and facilities |
| Moving | <p>If moves are required to perform the work, Teachers will be required to label and pack the material to be moved. CPS Operations will provide boxes and provide moving services to make moves out of and back into designated spaces. ITS will be responsible for moving computers. School is responsible for coordinating with ITS for reconnecting any computers that are required to be disconnected and relocated due to construction.</p> <p>CPS Operations – Furniture Logistics Coordinator to update this section and include move plan.</p> |
| Cleaning | <p>Describe any additional areas of school requiring progress or final cleaning outside of project work areas.</p> <p>List any project specific cleaning products or procedures to be used if not CPS standard.</p> <p>List additional progress cleaning required due to project phasing.</p> |
| OTHER COORDINATION INFORMATION | |
| Assigned CPS cleaning vendor and contact information: | See Facility Information provided in section G |
| Does campus have any staff or students with ADA needs: | None at this time |
| Any ongoing or other upcoming projects at the School: | None at this time |
| Any leases impacting Work: | N/A |
| Does project scope require any material to be salvaged? | PD to List materials to be salvaged. AOR to include this information in the demolition drawings. |

| | |
|--|--|
| | Coordinate where to store, who takes possession, etc. |
| Staging area(s) | PD to review staging areas with Principal and note |
| Board's Representative Office Location | 42 W Madison St, 2 nd Flr Chicago IL 60602 |

1.04 GENERAL REQUIREMENTS

- A. General Contractor shall review and be familiar with the site conditions.
- B. General Contractor shall provide all temporary and permanent driveway apron and alley permits for the duration of the construction if required. The General Contractor is to pay all fees required for processing permits and is to contact and comply with all authorities and jurisdiction required for permitting.
- C. General Contractor shall provide snow removal and generally maintain ingress and egress ensuring the site is clear and free of debris further maintaining accessibility that conforms with OSHA, Chicago Building Code, and emergency egress standards.
- D. General Contractor shall provide all required permits for street access for truck delivery from the local and state jurisdiction.
- E. General Contractor shall, at all times, provide access to the work for the Architect/Engineer of Record, Owner's Representative, and CPS, their employees or representatives and the representative of any other authority having jurisdiction. The General Contractor shall provide safe and proper facilities for access and inspection, including standby personnel as required.
- F. General Contractor shall be required to coordinate and complete the work within the contractual completion date(s) for the work as described within Section 00 73 00 - Supplemental Conditions and this section. The General Contractor shall be also held responsible for meeting all related provisions as described within this section.
- G. General Contractor shall coordinate access to the building at a mutually agreed upon location. Contractor may be required to remove CPS core from construction entry door and replace it with a construction core provided by the General Contractor for the duration of the project. At project conclusion, General Contractor shall reinstall original CPS core removed for construction.
- H. General Contractor shall survey the site and photograph the area of construction operations. Upon completion of the work the Contractor is to restore the area to the documented condition prior to the start of work or as otherwise indicated in the Contract Documents. The GC shall provide evidence of compliance.
- I. General Contractor is to replace all removed trees, bushes, ground covers and grass on the Chicago Public Schools' property disrupted, or otherwise damaged as a result of construction activities. Hard surfaces including but not limited to concrete pavement walks and asphalt surfaces shall be restored to condition prior to construction. Restoration of hard surfaces may require cleaning, repair or replacement.

- J. General Contractor shall coordinate work with the school during Mandatory State Testing periods. Test dates should be verified with the school. No work shall be permitted in the facility or on the site during testing except as specifically approved by the Principal, Building Engineer, and Board's Representative. General Contractor must minimize noise in all other areas during these time periods, and if requested by the School, stop work causing the noise until testing is completed. General Contractor shall bear all costs for any loss of time or production related to Mandatory State Testing.
- K. General Contractor shall coordinate and maintain all exit egress during construction as required by the City of Chicago code, other entities with jurisdiction, and as directed by the Board's Representatives. The General Contractor shall provide and maintain all materials and labor including barricades, construction fence, doors, partitions, and fire rated walls as required for safe egress. All costs for this work shall be included in the Contract Base Bid regardless of whether it is indicated in the Contract Documents or not.
- L. No deliveries will be permitted to either the existing facility or the new addition between the hours of 8:30 to 9:30 AM and 2:30 to 4:30 PM during the academic year.
- M. During the academic year, no work may be performed during the hours of instruction.
- N. The Contractor is to set up and stage the entire project within the boundaries of the construction fence. The General Contractor is responsible for maintaining and modifying the fence as necessary and as approved in the Site Utilization Plan for the life of the project. Removal and disposal of the fence and project signage at the conclusion of the project is the responsibility of the General Contractor.
- O. Building Engineer or other CPS staff (including contract employees) will not be paid overtime by the Board, in order to be present at times when work is in progress in the existing Building. The General Contractor shall be responsible for all overtime costs for the CPS staff member for work outside of normal working hours, if need is due to construction work. Overtime arrangements for CPS staff includes weekends, holidays, and generally hours beyond that listed in Site Restrictions above. Recognized Holidays are as follows with Saturday holidays observed on Friday, and Sunday holidays observed on Monday (contract employees may follow a different schedule):
 - 1. New Year's Day.
 - 2. Martin Luther King Jr.'s Birthday.
 - 3. Presidents Day.
 - 4. Memorial Day.
 - 5. Independence Day.
 - 6. Labor Day.
 - 7. Columbus Day.
 - 8. Veterans Day.
 - 9. Thanksgiving.
 - 10. Friday after Thanksgiving.
 - 11. Christmas Day.

1.05 PRODUCTS (NOT USED)

PART 2 - EXECUTION

2.01 SITE UTILIZATION PLAN

- A. Prior to Notice to Proceed, the Contractor shall prepare and submit to the Board's Representative, the Building Engineer and Principal, and the Architect/Engineer of Record for

approval a Site Utilization Plan based on the Construction Operations Parameters outlined in this section. Mobilization on-site is not to occur until approval of the Site Utilization Plan is obtained. A preliminary meeting to review site elements and Construction Operations with the Board's Representative, Architect/Engineer of Record, and School staff prior to submission of the Site Utilization Plan shall be held.

- B. The Site Utilization Plan shall be provided in a full-size graphic drawing electronic format (same size as the Construction Document drawings), printable in 11x17 inch format. Provide a separate plan for the site and for each floor of the existing building where work is being performed. Modifications to the format and sheet size shall be permitted if pre-approved by the Board's Representative and if proposed modifications shall facilitate preparation, presentation, and review of the Site Utilization Plan. Electronic copies of the Contract Document drawings as appropriate shall be provided for this purpose upon request. The Site Utilization Plan shall at a minimum include the following elements:
1. Title block information including School Name, Contract Number, General Contractor, Building floor/level information, and current plan date.
 2. Building footprint of both new (if applicable) and existing buildings, trees, landscaping, paving, drainage structures, existing and ornamental fencing and other important site features.
 3. Areas of staging for students and staff, student drop-off points, existing school entrances and exits, staff parking areas, and traffic patterns for both construction and non-construction vehicles.
 4. Limits of construction and required construction fencing including any existing fencing to remain.
 5. Required covered construction barricade walkways.
 6. Areas allowed for staging purposes: construction personnel parking, material storage, and construction trailer(s). Such activities are to only take place in areas designated.
 7. Any specific site conditions required to be observed such as keeping alleys clear next to adjacent properties, and any other issues listed on the Construction Operations Site Plan.
 8. Areas allowed for site access gates.
 9. Areas of work within the existing building for the period of time covered by the Site Utilization Plan, coordinated with the Project Schedule. Each area should indicate planned beginning and end dates for work in that area. Areas where all work is completed are to be noted.
 10. Construction worker ingress/egress, material staging areas in the existing building.
 11. Proposed locations of temporary protection, barricades, and temporary walls within the existing building.
 12. Location of all temporary exits and path of travel.
 13. Indication of specific areas and their required contractual completion dates. If overtime work is required to meet the project dates it shall be at no additional cost to the Chicago Public Schools.
 14. Locations of construction signage.
 15. Indicate truck routes to nearest highway. Deliveries shall not deviate from this route.
 16. Limits of phasing with associated sequencing and dates (if applicable).

2.02 SITE UTILIZATION PLAN UPDATES

- A. The General Contractor is required to submit for approval updated Site Utilization Plans whenever conditions in the current approved plan have changed. Approval is required prior to proceeding on any changed conditions not previously approved. Requirements for updating include the following:
1. In coordination with the project schedule provide detailed information regarding work in the existing building including phasing, vacation of existing in-use areas, and any other information requested by the Board's Representative, Principal, or Building Engineer.

2. Revision to the site plan to reflect changing conditions regarding construction fencing, ingress and egress, student and staff staging, construction deliveries, areas of stored materials, parking, and any other construction facility revisions.

2.03 ATTACHMENTS

- A. GC Check List for NTP, (NOA for JOC & Various Trades)

END OF SECTION

SECTION 11 40 00
FOODSERVICE EQUIPMENT

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Food service equipment.
 - 1. The plans and specifications as written are inclusive of known quantities, and quality standards that meet the minimum performance standards of the school lunch program for the city of Chicago public schools, the architectural limitations of the new building and the enrollment capacity of the new school.
- B. Connections to utilities.

1.02 REFERENCE STANDARDS

- A. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2017.
- B. ASTM A666 - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar; 2015.
- C. ASTM C1036 - Standard Specification for Flat Glass; 2016.
- D. NEMA LD 3 - High-Pressure Decorative Laminates; 2005.
- E. NFPA 96 - Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations; 2017.
- F. SMACNA (KVS) - Kitchen Ventilation Systems and Food Service Equipment Fabrication and Installation Guidelines; 2001.
- G. UL (DIR) - Online Certifications Directory; current listings at database.ul.com.

1.03 ADMINISTRATIVE REQUIREMENTS

- A. Preinstallation Meeting: Conduct a preinstallation meeting at least one week prior to the start of the work of this section.
 - 1. Ensure required submittals have been provided with sufficient time for review prior to scheduling the Preinstallation Meeting.
 - 2. Review the detailed requirements for the work of this section and to review the drawings and specifications for this work
 - 3. Require attendance by all affected installers including but not limited to
 - a. Contractor's Superintendent
 - b. Installer
 - c. Manufacturer/Fabricator Representative
 - d. Other affected Subcontractors
 - e. Architect/Engineer of Record
 - f. Board's Representative
 - 4. Record minutes and distribute copies within 5 days after meeting to participants as well as Architect/Engineer of Record, Board and those affected by decisions made.

1.04 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. See Section 01 33 29 - LEED Sustainable Design Reporting, when required.
- C. Product Data: Provide data on appliances; indicate configuration, sizes, materials, finishes, locations, and utility service connection locations, service characteristics, and wiring diagrams.
- D. Manufacturer's Installation Instructions: Indicate special procedures, perimeter conditions requiring special attention.
- E. Maintenance Data: Provide lubrication and periodic maintenance requirement schedules .
- F. Warranty: Submit manufacturer warranty and ensure forms have been completed in Board's name and registered with manufacturer.

1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacture of standard products of the type specified.

1.06 REGULATORY REQUIREMENTS

- A. Conform to applicable code for utility requirements.
- B. Products Requiring Electrical Connection: Listed and classified by UL (DIR) as suitable for the purpose specified and indicated.

1.07 COORDINATION

- A. Coordinate layout and installation of food service equipment with other work, including work in ceiling.
- B. Coordinate location and requirements for utility service.
- C. Coordination location and depth of floor slab depressions for food service equipment.

1.08 DELIVERY, STORAGE, AND HANDLING

- A. Store products clear of floor in a manner to prevent damage.

1.09 WARRANTY

- A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.
- B. Correct defective work of this section within a five year period after Date of Preliminary Acceptance.
- C. Provide five year manufacturer warranty for replacement or repair of scheduled equipment, refrigerant and compressors, including disconnection and removal of defective unit, and connection of replacement unit.

PART 2 - PRODUCTS

2.01 EQUIPMENT

- A. Equipment Schedule: Refer to schedule at end of this section.
 - 1. All Equipment Eligible for Energy Star Rating: Energy Star Rated.
 - 2. Cooler and Freezer Units: Listed by UL (DIR).
 - 3. Electrical Wiring and Components and Self-Contained Refrigeration Systems: Conform to UL (DIR) listed product standards.
 - 4. Exhaust Hoods: Comply with NFPA 96 and SMACNA (KVS).
- B. Installation Accessories: Provide all rough-in hardware, supports and connections, attachment devices, closure trim, and accessories required for complete installation.

2.02 MATERIALS

- A. Sheet Steel: Hot-dipped galvanized steel sheet, ASTM A653/A653M, with G90/Z275 coating.
- B. Stainless Steel Sheet: ASTM A666 Type 304 commercial grade, No. 4 finish.
- C. Glass: ASTM C1036, annealed, and laminated, 4 mm thick; exposed edges ground; cut or drilled to receive hardware.
- D. Laminate Backing Sheets: NEMA LD 3, BKL; unfinished, plastic laminate.
- E. Finish Hardware: Manufacturer's standard.
- F. Service Outlet Covers and Escutcheons: Stainless Steel.

2.03 FABRICATION

- A. Install rubber button feet on all equipment.
- B. Isolate rotating or reciprocating machinery to prevent noise and vibration, as recommended by food service manufacturer.
- C. Provide indirect drain piping from equipment to terminate over nearest waste receptor.
- D. Accommodate site installation of equipment.

2.04 FINISHES

- A. All Components: Shop finish.
- B. Metal (Except Stainless Steel): Degrease and phosphate etch, prime and apply minimum two coats factory baked epoxy, color as selected.
- C. Stainless Steel: No. 4 finish.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Verify ventilation outlets, service connections, and supports are correct and in required location.

- B. Verify that electric power is available, in the proper location, and provides the power requirements of the equipment being served at each location.
- C. Verify that gas service is available and of the correct characteristics as required for equipment indicated in schedule below.
- D. Verify floor depressions have been correctly located and are the correct depth prior to starting installation of food service equipment.

3.02 INSTALLATION

- A. Install items in accordance with manufacturers' instructions.
- B. Insulate to prevent galvanic action between dissimilar metals.
- C. Weld and grind joints in steel work tight, without open or visible seams, where necessary due to limitations of sheet sizes or installation requirements.
- D. Sequence installation and erection to ensure correct mechanical, gas, and electrical utility connections are achieved. Complete final connections to utilities so that all equipment is operational and ready for testing indicated below.
- E. Use anchoring devices appropriate for equipment and expected usage.

3.03 ADJUSTING

- A. Adjust equipment and apparatus to ensure proper working order and conditions.
- B. Adjust equipment, including tables, counters, and work surfaced to provide a level surface.
- C. Remove and replace equipment creating excessive noise or vibration.

3.04 CLEANING

- A. Clean in accordance with IDPH requirements.
- B. Remove masking or protective covering from stainless steel and other finished surfaces.
- C. Wash and clean equipment, including removal of any grease or machine oil used during the fabrication process.
- D. Polish glass, plastic, hardware, accessories, fixtures, and fittings.

3.05 CLOSEOUT ACTIVITIES

- A. At completion of work, provide qualified and trained personnel to demonstrate operation of each item of equipment and instruct Board in operating procedures and maintenance.
 - 1. Test equipment prior to demonstration.
 - 2. Individual Performing Demonstration: Fully knowledgeable of all operating and service aspects of equipment.

3.06 PROTECTION

- A. Remove protective coverings from prefinished work.

- B. Protect finished work from damage.

3.07 FOOD SERVICE EQUIPMENT SCHEDULE

- A. ITEM 01 - STEAMER DOUBLE STACK (STM)
 - 1. Quantity: Two (2) Connectionless
 - 2. Products: Provide one of the following:
 - a. ACCUTEMP PRODUCTS INC. MODEL #E62083D150DBL
 - b. GROEN MODEL #XS-208-12-3
 - c. CLEVELAND MODEL #22CET6
 - d. INTEK XS-208-14-3
 - 3. Stainless steel stand. Bullet feet. NO CASTERS.

- B. ITEM 02 - REACH-IN REFRIGERATOR (FDG)
 - 1. Quantity: One (1)
 - 2. Products: Provide one of the following:
 - a. TRUE MFG. MODEL: TS-49
 - b. TRAUlsen MODEL: G20010
 - c. CONTINENTAL MODEL: 2R
 - 3. Include the following features and options:
 - a. Minimum of 49 cubic feet capacity.
 - b. Stainless Steel interior and exterior with stainless steel doors.
 - c. 9 foot long UL listed attached cord and plug.
 - d. Casters, two (2) with brakes.
 - e. Minimum 1/3 HP, 115 volt, condensing unit.
 - f. Hot gas condensate evaporator.
 - g. Items #11 and #12 to be the same manufacturer.

- C. ITEM 03 - REACH-IN FREEZER (FRZ)
 - 1. Quantity: One (1)
 - 2. Products: Provide one of the following:
 - a. TRUE MFG. MODEL: TS-49F-HC
 - b. TRAUlsen MODEL: RLT232D-FHS
 - c. CONTINENTAL MODEL: 2FE-SS
 - 3. Include the following features and options:
 - a. Minimum of 49 cubic feet capacity.
 - b. Stainless Steel interior and exterior with stainless steel doors.
 - c. 9 foot long UL listed attached cord and plug.
 - d. Casters, two (2) with brakes.
 - e. Minimum 1/2 HP, 115 volt, condensing unit.
 - f. Hot gas condensate evaporator.
 - g. Items #11 and #12 to be the same manufacturer.

END OF SECTION 11 40 00