

**FIFTH AMENDMENT
ARCHITECT OF RECORD SERVICES
GATEWAY HARBOR & 31ST STREET HARBOR
CONTRACT NUMBER PS 1643**

THIS FIFTH AMENDMENT AGREEMENT is made and entered into as of the 13th day of December, 2011, and shall be deemed and taken as forming a part of the Agreement for Architect of Record Services for Gateway Harbor & 31st Street Harbor ("Agreement") by and between the **PUBLIC BUILDING COMMISSION OF CHICAGO**, a municipal corporation of the State of Illinois ("Commission") and **AECOM TECHNICAL SERVICES, INC.** ("Consultant") dated July 14, 2009 with the like operation and effect as if the same were incorporated therein.

WITNESSETH:

WHEREAS, the Commission and Consultant have heretofore entered into an Agreement dated the 14th day of July, 2009, wherein the Consultant is to provide Architect of Record Services for the Chicago Park District; and

WHEREAS, the Commission and Consultant now desire to amend the Agreement to include Additional Services performed and associated compensation due to Consultant;

NOW THEREFORE, in consideration of the provisions and conditions set forth in the Agreement and herein, the parties hereto mutually agree to amend the Agreement as hereinafter set forth.

It is agreed by and between the parties hereto that the sole modification of, changes in and amendments to the Agreement pursuant to this Amendment are as follows:

TERMS

1. Recitals

THE ABOVE RECITALS ARE EXPRESSLY INCORPORATED IN AND MADE A PART OF THE AMENDMENT AGREEMENT AS THOUGH FULLY SET FORTH HEREIN.

2. Schedule A - Scope of Services is amended to include the following Additional Services required for 31st Harbor Program to perform Architect of Record services.

2.1. Additional Services for the 31st St. Harbor- Tree Art Foundation – Consultant will modify the design to incorporate the following:

2.1.1. Provide structural engineering services for the painted tree foundation design. Refer to Attachment A-1 for the detailed scope of services.

2.2. Additional Services for the 31st St. Harbor- Additional Playground Design – Consultant will modify the design to incorporate the following:

2.2.1. Provide research and redesign development for the additional playground design. Refer to Attachment A-2 for the detailed scope of services.

2.3. Additional Services for the 31st St. Harbor- Additional OEMC Security Cameras-Consultant will modify the design to incorporate the following:

2.3.1. Provide additional security cameras at the project as it relates to the wider OEMC Lakefront Network System. Refer to Attachment A-3 for the detailed scope of services.

2.4. Additional Services for the 31st St. Harbor-Removal of Elm Tree- Consultant will modify the design to incorporate the following:

2.4.1. Provide revised civil and landscaping to restore area where Elm tree was removed. Refer to Attachment A-4 for the detailed scope of services

3. Schedule D – Compensation of Architect

Section I. Architect's Fee is revised as follows:

- 3.1 The Commission shall pay the Consultant a lump sum fee of \$6,400.00 for the satisfactory performance of the Additional Services outlined in Item 2.1.
- 3.2 The Commission shall pay the Consultant a lump sum fee of \$26,762.00 for the satisfactory performance of the Additional Services outlined in Item 2.2.
- 3.3 The Commission shall pay the Consultant a lump sum fee of \$21,587.84 for the satisfactory performance of the Additional Services and \$300.00 reimbursable expenses outlined in Item 2.3.
- 3.4 The Commission shall pay the Consultant a lump sum fee of \$4,104.00 for the satisfactory performance of the Additional Services outlined in Item 2.4.
- 3.5 The Commission shall pay the Consultant total lump sum fee of \$58,853.84, and \$300.00 reimbursable expenses for the satisfactory performance of all the Additional Services outlined in this Fifth Amendment.

Execution of this Amendment by the Consultant is duly authorized by the Consultant, and the signature(s) of each person signing on behalf of the Consultant have been made with the complete and full authority to commit the Consultant to all terms and conditions of this Amendment.

All capitalized terms not defined herein shall have the meaning ascribed to them in the Agreement. Except as and to the extent that the terms of the Agreement are amended and modified herein, all terms of the Agreement shall remain in full force and effect.

(Signature Page follows)

ARCHITECT OF RECORD SERVICES
GATEWAY HARBOR AND 31ST STREET HARBOR - PS1643-A5
PROJECT NO. 11110

IN WITNESS WHEREOF, the parties hereto have agreed and executed this Amendment No. 5.

PUBLIC BUILDING COMMISSION
OF CHICAGO

BY: Ral Emanuel
Chairman

Date: 2/2/12

ATTEST:

BY: [Signature]
Secretary

Date: 2/7/12

ARCHITECT

AECOM TECHNICAL SERVICES, INC.

By: [Signature]
President

Date: 1-10-12

AFFIX CORPORATE

SEAL, IF ANY, HERE

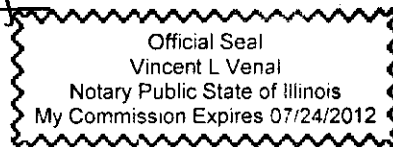
County of: Cook

State of: Illinois

Subscribed and sworn to before me by Meghan HARTE and _____
on behalf of Consultant this 10th day of Jan 2012.

[Signature]
Notary Public

My Commission expires: 7/24/12
(SEAL OF NOTARY)



Approved as to form and legality

[Signature]
Neal & Leroy, LLC

Date: 01/24/2012

**ATTACHMENT A-1
SCOPE OF WORK – GATEWAY HARBOR
ARCHITECT OF RECORD SERVICES
GATEWAY HARBOR and 31ST STREET HARBOR – PS1643-A5
PROJECT NO. 11110**

(CONSULTANT'S SCOPE OF SERVICE FOLLOWS THIS PAGE)

AECOM

September 8, 2011

Mike Witte
Senior Project Manager
Public Building Commission of Chicago
50 West Washington, 2nd floor
Chicago, IL 60602

RE: Additional Services for 31st Street Harbor – Painted Tree Bulletin

Dear Mr. Witte:

Thank you for the opportunity to continue our work with you at the 31st Street Harbor Project, providing structural engineering services for the painted tree foundation design. This proposal is based on your September 1, 2011 email request, included in this proposal along with the associated attachments. We understand existing trees that were removed during the project will be trimmed, painted and located in the field by the Chicago Park District (CPD) and painted and installed in the ground at various locations by the Contractor with CPD oversight. We will perform the following tasks:

Task 1 – Site Visit

AECOM will make a half day site visit to measure the relative size (diameter of trunk, spread of tree limbs, etc.) of the tree to be used as art work. The information collected will be used to design the foundation to support the proposed tree art.

Task 2 – Foundation Design

We will prepare foundation design calculations for the proposed tree art per the current local building codes. We will utilize soil information collected from previous geotechnical work performed in adjacent areas of the 31st Street Harbor project. The foundation calculations will be stamped by a registered Structural Engineer currently licensed in the State of Illinois.

We assume The Chicago Park District will provide the species of the trees. This information is necessary for us to design the foundation for the tree art.

Task 3 – Drawing Preparation

We will prepare plan views and details of the foundation. The drawings will be prepared in AutoCAD format on 11x17 sheets. The drawings will include material and installation specifications. The drawings will be stamped by a registered Structural Engineer currently licensed in the State of Illinois.

Task 4 – Bulletin Preparation

Project management related to Team / drawing coordination and Bulletin preparation. The Bulletin will include the Attachment "B" painting spec provided by CPD, the Sketch "A" for the location exhibit and the stamped drawings generated by the structural engineers as a result of the prior tasks.

Compensation

AECOM's estimated budget to provide the scope of services outlined above is Six Thousand Four-Hundred Dollars and no/100 (\$6,400.00). The following is a breakdown of costs:

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Task 1 – Site Visit	\$ 700.00
Task 2 – Foundation Design	\$ 2,500.00
Task 3 – Drawing Preparation	\$ 2,300.00
Task 4 – Bulletin Preparation	\$ 900.00
Total:	\$ 6,400.00

This cost includes AECOM responding to two rounds of review comments by the CPD and PBCC. This scope of work does not include permit acquisition (our understanding is that no permitting is required for the Board of Underground because we are outside the City business center and we are not going deeper than 12 feet) or site visits to observe the installation of the foundations for the painted trees.

Thank you for your consideration of this proposal. If the proposal meets with your approval, please let us know next steps in the process. If you would like to discuss it in greater detail, please contact Michelle Inouye at (312) 373-6515 or michelle.inouye@aecom.com.

Sincerely,



Meghan Harte
Vice President

cc: Michelle Inouye

**ATTACHMENT A-2
SCOPE OF WORK – GATEWAY HARBOR
ARCHITECT OF RECORD SERVICES
GATEWAY HARBOR and 31ST STREET HARBOR – PS1643-A5
PROJECT NO. 11110**

(CONSULTANT'S SCOPE OF SERVICE FOLLOWS THIS PAGE)

AECOM

July 11, 2011

Mike Witte
Senior Project Manager
Public Building Commission of Chicago
50 West Washington, 2nd floor
Chicago, IL 60602

RE: Additional Services for 31st Street Harbor

Dear Mr. Witte:

AECOM met with Linda Daly and Rob Rejman of the Chicago Park District (CPD) on May 24, 2011 to discuss color selection of playground equipment prior to finalizing the submittal response. At this meeting, CPD requested that we consider deviation from their standard equipment at 31st Street in favor of more recent playground installations around the city that have helped distinguish overall park character. CPD noted at this meeting that one option was to pursue with the manufacturer currently specified for the 31st Street project, Landscape Structures (LS), other lines that incorporate components that vary from the CPD traditional "post and deck" equipment. Subsequent to this meeting, CPD also provided playground catalogs from a different manufacturer and information where this equipment was recently installed for reference. Please find below the tasks required to accommodate the requests initiated at the May meeting in as quick a time as possible:

Task 1: Research and redesign development

AECOM met with the CPD project manager and the alternative play equipment manufacturer representative at CPD's Mary Bartelme Park to review and discuss the installed play equipment, play area dynamics, design/construction techniques and soft surface coordination. AECOM conducted follow-up conversations and emails on different ideas with the representative after this park visit. On a parallel track, AECOM began to work with the LS representative to incorporate different play components from separate design lines for the 2-5 and 5-12 play areas. Although AECOM is working with LS to integrate new equipment within the current soft surface plan parameters, these new arch and net components are conceptually different in both layout and approach from the current design. CPD reviewed the initial LS redesign at the June 8 progress meeting followed on June 9 with CPD's decision to proceed with this different line of LS in lieu of any alternative manufacturers.

AECOM began working exclusively with LS to incorporate tweaks that CPD requested be made to particular components on June 9 as well as to refine both the play structure and adjacent grading to ensure appropriate play context. AECOM will also work to maintain the play area accessibility goals established in prior reviews with the Mayor's Office for People with Disabilities. AECOM will meet/discuss updates on up to two (2) occasions to finalize concept.

M. Inouye - 28 hours at \$50 x 2.89 multiplier = \$4046
R. Henningfeld - 32 hours at \$35 x 2.89 multiplier = \$3237
L. Wang - 16 hours at \$25 x 2.89 multiplier = \$1156

Task 1 Total: \$8,439

Task 2: Bulletin exhibits

AECOM will prepare the bulletin narrative and exhibits. At this time, the redesign looks to impact play equipment, grading, utility structure / rim elevation adjustments, color layout coordination; construction

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AECOM

detailing for the soft surface and minimal layout changes. If necessary, AECOM will prioritize finalizing the play equipment list so that this longer lead item purchase may be processed while the remaining design items are completed. The civil and structural engineering team will review the revised grading-utility plans for design changes which should be identified in the bulletin. We anticipate that only LR-sheets will be included for this bulletin and that all reviewed engineering items would be incorporated as needed or handled via narrative. AECOM will meet/discuss updates on up to two (2) occasions to finalize bulletin content.

M. Inouye - 32 hours at \$50 x 2.89 multiplier = \$4624
R. Henningfeld - 48 hours at \$35 x 2.89 multiplier = \$4855
L. Wang - 60 hours at \$25 x 2.89 multiplier = \$4335
Civil Engineer - 14 hours at \$45 x 2.89 multiplier = \$1821
Structural Engineer - 8 hours at \$50 x 2.89 multiplier = \$1156

Task 2 Total: \$16,791

Task 3: Submittal review

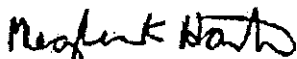
At the time of the May 24 review with CPD, AECOM had completed the review of the play equipment submittal. AECOM will review the revised submittal and coordinate colors with CPD painted trees palette at their office. AECOM will meet/discuss updates on up to one (1) occasion to finalize bulletin content.

M. Inouye - 4 hours at \$50 x 2.89 multiplier = \$578
R. Henningfeld - 8 hours at \$35 x 2.89 multiplier = \$809
L. Wang - 2 hours at \$25 x 2.89 multiplier = \$145

Task 3 Total: \$1532

AECOM's estimated budget to provide the scope of services outlined above Twenty-Six Thousand Seven Hundred Sixty-Two Dollars and no/100 (\$26,762.00). Thank you for your consideration of this proposal. If the proposal meets with your approval, please let us know next steps in the process. If you would like to discuss it in greater detail, please contact Michelle Inouye at (312) 373-6515.

Sincerely,



Meghan Harte
Vice President

cc: Michelle Inouye

ATTACHMENT A-3
SCOPE OF WORK – GATEWAY HARBOR
ARCHITECT OF RECORD SERVICES
GATEWAY HARBOR and 31ST STREET HARBOR – PS1643-A5
PROJECT NO. 11110

(CONSULTANT'S SCOPE OF SERVICE FOLLOWS THIS PAGE)

AECOM

August 11, 2011

Mike Witte
Senior Project Manager
Public Building Commission of Chicago
50 West Washington, 2nd floor
Chicago, IL 60602

RE: Additional Services for 31st Street Harbor, revised

Dear Mr. Witte:

Thank you for the opportunity to continue our work with you at the 31st Street Harbor Project, providing additional security cameras at the project as it relates to the wider OEMC Lakefront Network System. This proposal is based on your initial January 11, 2011 email request and scope of work description to provide additional services for design and coordination. This was followed by an email with scope clarification (1/19/11) and an email on additional OEMC requirements (1/26/11). After an initial proposal, dated February 7, 2011, was submitted based on these earlier emails, additional information was presented regarding OEMC equipment in your May 7, 2011 email, attached. Our design assumption based on follow-up discussions with you after this email distribution is that the Voice/Data Room and the number of racks are to remain as originally planned. The reduced number of staff-hours is reflected below. If this condition or other assumptions change in the future, a greater effort to complete the tasks will be required.

The scope of work assumes that a kick-off meeting with OEMC representatives (specific OEMC equipment and system requirements distributed beforehand in preparation for meeting discussion) will be followed by design plans indicating camera location / design routing and upon approval, completion of design for Bulletin issuance. Primera Engineers, Ltd., Brook Architecture, Inc., Desman Associates and AECOM have provided the following scope of work to address the additions based on the recent information.

Primera Engineers

1. Provide exterior camera to cover the South Garage Door and surface parking lot.
2. Provide exterior camera to cover Fueling Station and Boat Launch area.
3. Provide exterior camera(s) to cover the existing revetment areas and entrances to the docks.
4. Provide infrastructure to support OEMC Point of Presence (PoP) within the Voice/Data Room of the Harbor Building. Requested infrastructure to include:
 - Conduit and/or raceways for fiber runs to the data room from the building's exterior fiber entrance facilities.
 - Floor & wall space within the Voice/Data Room to accommodate the OEMC Network Video Surveillance Equipment.
 - Electrical service to support the OEMC Network Video Surveillance Equipment.
 - Coordination to assure security cameras being installed on the 31st Street harbor are compatible to integrate with OEMC Network system.

Primera Engineers Total: \$13,912.00

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AECOM

Brook Architecture

Brook Architecture shall assist in the design and coordination of adding additional security cameras to the 31st Street garage and peripheral. Brook will update and coordinate its affected documents (floor and elevation drawings), conduct the necessary coordination between the various disciplines involved, review where applicable to the related submittal(s), and perform one (1) field observation visit related to installation of the security cameras.

Brook Architecture Total: \$2,982.48

Desman Associates

Coordinate and review additional security cameras for the parking structure.

Desman Total: \$1,803.36

AECOM

Project management related to Team / drawing coordination and Bulletin preparation. Attend up to two (2) coordination meetings through Bulletin generation.

AECOM Total: \$2,890.00

Anticipated reimbursable expenses are estimated to be \$300.00. AECOM's estimated budget to provide the scope of services outlined above, including reimbursable expenses, is Twenty-One Thousand Eight-Hundred Eighty-Seven Dollars and 84/100 (\$21,887.84.00).

Thank you for your consideration of this proposal. If the proposal meets with your approval, please let us know next steps in the process. If you would like to discuss it in greater detail, please contact Michelle Inouye at (312) 373-6515 or michelle.inouye@aecom.com.

Sincerely,



Meghan Harte
Vice President

cc: Michelle Inouye

ATTACHMENT A-4
SCOPE OF WORK – GATEWAY HARBOR
ARCHITECT OF RECORD SERVICES
GATEWAY HARBOR and 31ST STREET HARBOR – PS1643-A5
PROJECT NO. 11110

(CONSULTANT'S SCOPE OF SERVICE FOLLOWS THIS PAGE)



June 23, 2011

Mike Witte
Senior Project Manager
Public Building Commission of Chicago
50 West Washington, 2nd floor
Chicago, IL 60602

RE: Additional Services for 31st Street Harbor

Dear Mr. Witte:

An existing Elm tree near the south end of the garage, called out for removal in Bid Documents, was identified to be saved by the Chicago Park District in the April 2010 site walk-through focused on tree preservation. Bulletin Number 11 included utility, grading and landscape revisions to protect this specimen Elm and called for Ground Penetrating Radar analysis to verify the extent of the tree's root system. The project team reviewed the results of the GPR analysis at the site on March 31, 2011. Initial options were discussed to minimize the infrastructure modifications in order to optimize the prospects of the tree's survival. PBCC's email on April 4, 2011 requested that the design team hold on any changes stemming from this site discussion while CPD weighed the potential infrastructure costs to save the tree. Subsequently, CPD determined that the tree would be removed and a bulletin to capture this change was generated.

AECOM has reviewed the changes impacted by reinstating the removal of the Elm tree. Fine grading has been modified to blend with the last changes and to preserve the three nearby trees newly identified in Bulletin No. 11 to remain. Landscape beds were adjusted to conform to the new grading plan and plant quantities revised accordingly. This new grading and landscape background has been reviewed by the architecture and engineering disciplines which have confirmed that no additional changes in utility layouts or elevations are required. However, background information related to these sheets in Bulletin No. 11 will no longer be coordinated and so an entirely new bulletin to focus solely on the resubmission of the LR-drawing changes will be opened to capture the revised work. AECOM has coordinated changes to now accommodate the removal of the Elm tree and will revise LR-drawings appropriate for bulletin generation. Below is the breakdown of hours related to the above scope:

M. Inouye - 10 hours at \$50 x 2.89 multiplier = \$1445
R. Henningfeld - 12 hours at \$35 x 2.89 multiplier = \$1214
L. Wang - 20 hours at \$25 x 2.89 multiplier = \$1445

AECOM's estimated budget to provide the scope of services outlined above Four Thousand One-Hundred Four Dollars and no/100 (\$4,104.00). Thank you for your consideration of this proposal. If the proposal meets with your approval, please let us know next steps in the process. If you would like to discuss it in greater detail, please contact Michelle Inouye at (312) 373-6515.

Sincerely,

Meghan Harte
Vice President

cc: Michelle Inouye