



TOWN of BROOKLINE

Massachusetts

BUILDING DEPARTMENT

Daniel Bennett
Building Commissioner

TO: Selectboard/ School Committee

FROM: Ray Masak, PE Project Manager

SUBJECT: Brookline High School- Amendment 23
WRA Design Services (FY 19)

DATE: May 10, 2021

On the Calendar this week, the Building Department is requesting the approval of an amendment for designer services for the subject project in the total amount of \$21,291.

The appropriation for this contract was approved by Town Meeting as part of the overall CIP for FY19. This amendment is for additional design services to redesign the MBTA platform due to helical pile obstructions west of the overbuild. Refer to the Rawn memo dated May 6, 2021 for further explanation of services.

The Building Department will be available to answer any questions. Thank you for your consideration.

WILLIAM RAWN ASSOCIATES | Architects, Inc.

10 Post Office Sq.
Suite 1010
Boston, MA 02109
t. 617.423.3470
www.rawnarch.com

Ray Masak
Project Manager
Town of Brookline Building Department
Brookline Town Hall
333 Washington Street
Brookline, MA 02445

May 6, 2021

Project Name: Brookline High School Expansion Project
Re: Contract Amendment #23
CC: Andy Felix, Sam Lasky

Dear Ray,

We would like to present the following additional service proposal to the Brookline Building Commission during the upcoming May meeting.

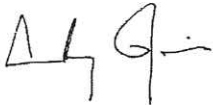
Scope #1: Platform re-design due to helical pile obstructions west of the over-build

At the request of the Town and to maintain the current platform schedule, AECOM re-designed the platform helical pile placement and platform re-bar layout to avoid unforeseen below grade obstructions. Please see AECOM's attached proposal that outlines meetings attended and work performed in an expedited manner to assist Skanska Civil.

AECOM Fee: \$19,355
WRA 10% Admin: \$1,936

Additional Service Fee Grand Total: \$21,291

Regards,



Andy Jonic, AIA
Senior Associate
William Rawn Associates, Architects Inc.

Attachments: AECOM Proposal dated May 6, 2021

ATTACHMENT F

CONTRACT FOR DESIGNER SERVICES

AMENDMENT NO. 23 _____

WHEREAS, the Town of Brookline _____ ("Owner") and William Rawn Associates, Architects Inc. _____, (the "Designer") (collectively, the "Parties") entered into a Contract for Designer Services for the Brookline High School Expansion _____ Project (Purchase Order # 21803108) at the Brookline High _____ School on July 6, 2018 _____
"Contract"; and

WHEREAS, effective as of May 5, 2021 the Parties wish to amend the Contract:

NOW, THEREFORE, in consideration of the promises and the mutual covenants contained in this Amendment, and other good and valuable consideration, the receipt and legal sufficiency of which are hereby acknowledged, the Parties, intending to be legally bound, hereby agree as follows:

1. The Owner hereby authorizes the Designer to perform services for the Design Development Phase, the Construction Phases, and the Final Completion Phase of the Project, pursuant to the terms and conditions set forth in the Contract, as amended.
2. For the performance of services required under the Contract, as amended, the Designer shall be compensated by the Owner in accordance with the following Fee for Basic Services:

Fee for Basic Services:	Original Contract*	After this Amendment:
		Amendment fee: \$21,291
Feasibility Study Phase	\$ _____	\$ _____
Schematic Design Phase	\$ _____	\$ _____
Design Development Phase	\$ _____	\$ _____
Construction Document Phase	\$ _____	\$ _____
Bidding Phase	\$ _____	\$ _____
Construction Phase	\$ _____	\$ _____
Completion Phase	\$ _____	\$ _____
*Includes previous Amendments		
Total Fee	\$15,025,085.00	\$15,046,376.00

This Amendment is a result of:

1. MBTA Platform re-design due to helical pile obstructions

3. The Construction Budget shall be as follows:

Original Budget: \$n/a _____

Amended Budget

\$n/a _____

4. The Project Schedule shall be as follows:

Original Schedule:

\$n/a _____

Amended Schedule

\$n/a _____

5. This Amendment contains all of the terms and conditions agreed upon by the Parties as amendments to the original Contract. No other understandings or representations, oral or otherwise, regarding amendments to the original Contract shall be deemed to exist or bind the Parties, and all other terms and conditions of the Contract remain in full force and effect.

IN WITNESS WHEREOF, the Owner, with the prior approval of the Authority, and the Designer have caused this Amendment to be executed by their respective authorized officers.

OWNER

(print name)

(print title)

By _____
(signature)

Date _____

DESIGNER

Andrew Jonic
(print name)

Senior Associate
(print title)

By



(signature)

Date 5/5/21 _____



One Federal Street, Suite 800, Boston, MA 02110

Project Name:	Brookline Hills Station
AECOM Project Number:	60580112
Subject:	Contract Change Order No. 7

Mr. Andrew Jonic, AIA, LEED AP BD+C
Senior Associate
William Rawn Associates Inc.
10 Post Office Square Suite 1010
Boston, MA 02109

May 6, 2021

The following provides AECOM's outline to Change Order No. 7 for supplemental services after the conclusion of the Final Design phase and during construction. The project is scheduled to be substantially complete on November 1, 2021.

1. Provide the required construction guidance for addressing the H-pile unforeseen obstructions. AECOM provided quick detailed solutions to keep the contractor on schedule.

AECOM will provide:

- Reviewed RFI #100 that outlined the H-piles that could not be installed due to unanticipated obstructions and planned an approach to resolve the issue.
- Met with Skanska / Hill / WRA on April 21 to gather more detailed field information and to understand the construction schedule ramifications of a delayed solution.
- Met with Skanska / Hill / WRA on April 22 to determine how many H-piles still needed to be installed and how many H-piles Skanska had on site for the weekend work.
- Met with Skanska / Hill / WRA on April 23 to provide new pile locations to avoid the obstructions. The new locations also had additional fall back positions for the piles in the event more obstructions were encountered.
- Field visit on April 24 to observe H-pile installations
- Field visit on April 29 to review conduit placements relative to piles installed
- Reviewed all new H-pile locations and redesigned and re-detailed the two different platforms
 - The outbound platform under the canopy needed to be thickened to transfer the loads from the canopy into the relocated H-piles avoiding the obstruction.
 - One H-pile was constructed outside of the platform footprint. As a result, the platform needed to be enlarged locally underground and detailed to engage the pile.
 - General platform design checks and re-detailing was required for all the revised H-pile locations adding selected additional reinforcing and detailing.

- On May 4th AECOM issued all the new detailing in Field Bulletin #32 to document the changes.

The effort for the above listed work is presented in the table below.

Name/Technical Team	Rate	Hours	Total
Roger Gagnier PM	\$280.00	8	\$2,240.00
Michael McDonough, Arch.	\$185.00	13	\$2,405.00
Abdallah Alhmood, (Aboud) Sr. Structural	\$170.00	2	\$370.00
Xiaolei Chen Structural	\$170.00	35	\$5,950.00
Evan Hayes Structural	\$170.00	39	\$6,630.00
Todd Dwyer Geotech	\$170.00	9	\$1,530.00
Rebecca L (Becky) Arsenault	\$115.00	2	\$230.00
		108	\$19,355.00

In total, this Change Order amounts to **\$19,355.00** labor cost. Please let us know if any further documentation is required at this time. As you know some of this work has been completed in good faith to keep ahead of the contractor's construction schedule.

Sincerely,



Roger Gagnier, P.E.
Vice President



Nicholas Rubino, P.E.
Vice President

Cc: Brian Vaillancourt