



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 22
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 \$14014.

The appropriation for this contract was approved by Town Meeting as part of the overall CIP for FY19. This amendment is for additional testing services around the new STEM addition and design services to incorporate provisions in and around the platform to allow the MBTA to replace the 4th portal to minimize rework of the platform. Refer to the Hill memo dated May 4, 2021 and the Rawn memo dated May 4, 2021 for further explanation of services.

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

PURCHASE ORDER CHANGE FORM

10.	William Rawn Associates, Architects, Inc 10 Post Office Square, Suite 1010 Boston MA 02109
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Purchase Order Number
21803108

Vendor Number
53540

PAYMENT AMOUNT

\$14,014.00

FUND	ORGANIZATION	ACTIVITY	OBJECT
	2594C204		524003

FOR: Brookline High School Expansion

Assessment	Date	
22	4/28/2021	Additional Design and Testing Services

AMOUNT
\$14,014.00

BUILDING COMMISSION

APPROVAL OF:

Janet Fierman, Chairman

George Cole

Kenneth Kaplan

Karen Breslawski

Nathan E. Peck

SELECT BOARD

APPROVAL OF:

Bernard W. Greene, Chairman

Miriam Aschkenasy

Heather Hamilton

Raul Fernandez

John VanScoyoc

SCHOOL COMMITTEE

APPROVAL OF:

Mary Ellen Noimen, Assistant Superintendent For Administration and Finance

HILL
Hill International

Hill International, Inc.
75 Second Avenue, Suite 300
Needham, MA 02494
Tel: 617-778-0900
Fax: 617-778-0999
www.hillintl.com

May 4, 2021

Mr. Ray Masak, P.E.
Project Manager
Town of Brookline Building Department
333 Washington Street
Brookline, MA 02445

Re: William Rawn Associates Amendment Request #22

Dear Mr. Masak:

We have received and reviewed WRA's Amendment #22 in the amount of **\$14,014** which requests additional services as summarized below:

Scope 1: Soil characterization around STEM originally occurred prior to STEM enabling work was completed Summer 2019. When Skanska began final subgrade excavation for hardscape within the past month, some of the backfilled insulation material installed during enabling became co-mingled with the soil. Therefore, the landfill has required that McPhail re-test the soil with the insulation co-mingled and issue another disposal package to determine if they can accept this differing soil condition or if another landfill would have to be chosen to accept it. McPhail has already collected the additional soil samples as of April 27th and is expediting the results from the laboratory.

Scope 2: After continued requests from MBTA, decision was made to allow provisions in the new platform for MBTA to replace the 4th portal in the future and minimize re-work of the platform. Hill and ToB discussed having AECOM proceed with designing a box-out zone and re-routing new rebar and conduits. This approach would leave an area clear where the MBTA could more easily install portal foundations and new steel portal on their own in the future.

Hill recommends approval of the \$14,014 Amendment #22.

Very truly yours,



Andy Felix
Project Director

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

April 28, 2021

Project Name: Brookline High School Expansion Project

Re: **Contract Amendment #22** *OKM*

CC: Andy Felix, Sam Lasky

Additional Service Proposal for:

1. *Geotechnical Services for*
2. *4th MBTA portal frame: Platform design adjustments for future construction*

Dear Ray,

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

Scope #1: Environmental Soil Analysis for Gilsulate Material Left in the Soil After the STEM enabling Project

Based on conversations with Skanska, insulation material reported to be Gilsulate, (placed around a steam line installed adjacent to Greenough Street during STEM enabling) is now intermixed with pre-characterized soil. McPhail will collect a representative sample of the mixed Gilsulate and soil and submit to a lab for analysis. McPhail will provide Skanska with test results. Skanska will in turn relay the information to the Saugus disposal facility where the soil is planned to be deposited. Please see McPhail's formal proposal (attached).

McPhail Fee: \$6,800

Scope #2: Platform Design Modifications for Future Placement of 2 Foundations for a New OCS Portal

Per ongoing negotiations between the Town of Brookline and the MBTA, AECOM will provide the following services to redesign the platform in the location where a future OCS portal will be placed. This may or may not require the relocation or addition of helical piles and rebar design changes to accommodate (1) future foundation on the inbound and outbound platforms. AECOM's scope of services includes:

- A review and check to see if the H-piles installed can support the platform slab with these changes to accommodate the OCS pile caps
- Detail the platform block outs large enough for panels to be removed and future piles and pile caps to be constructed from high-rail access.
- Provide the platform slab detail around the existing portal frame columns so future removal does not require major platform demolition.
- Relocate the VMS sign to a location away from this future portal.

Please see AECOM's formal proposal (attached).

AECOM Fee: \$5,940

McPhail Fee: \$6,800

Subtotal: \$12,740

WRA Admin (10%): \$1,274

Additional Service Fee Grand Total: \$14,014

Regards,



Andy Jonic, AIA

Senior Associate

William Rawn Associates, Architects Inc.

Attachments: McPhail and AECOM proposals

ATTACHMENT F

CONTRACT FOR DESIGNER SERVICES

AMENDMENT NO. 22_____

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 ____April 28, 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: \$14,014
Feasibility Study Phase	\$ _____	\$ _____
Schematic Design Phase	\$ _____	\$ _____
Design Development Phase	\$ _____	\$ _____
Construction Document Phase	\$ _____	\$ _____
Bidding Phase	\$ _____	\$ _____
Construction Phase	\$ _____	\$ _____
Completion Phase	\$ _____	\$ _____
*Includes previous Amendments		
Total Fee	\$15,011,071.00	\$15,025,085.00

This Amendment is a result of:

1. Soil testing where steam line insulation was mixed with soil during the STEM Enabling project.
2. Platform changes per the MBTA's request to create space for future portal foundation installation work.

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 4/28/21 _____



April 26, 2021

William Rawn Associates Architects, Inc.
10 Post Office Square, Suite 1010
Boston, MA 02109

Attention: Mr. Erik Tellander, AIA, LEED AP BD+C

Reference: Brookline High School (BHS) Expansion – Project C: STEM Wing
Proposal for Supplemental Geoenvironmental Engineering Services – Testing
of Gilsulate Insulation Mixed Soil

Ladies and Gentlemen:

Based on our discussion with Skanska Construction Co. it is understood that insulation material reported to be Gilsulate which was placed around a steam line installed adjacent to Greenough Street during the project enabling phase is now becoming intermixed with precharacterized soil previously proposed to be disposed off-site at the AI- Saugus Like Site facility. Due to the white powdery appearance of the material and the understanding that the material will continue to be included within loads to be transported to AI Saugus, the facility has requested a supplemental sample of soil be collected containing the material for analysis for the facility fill management plan requirements plus asbestos.

Therefore, McPhail proposes to collect a representative sample of the mixed Gilsulate and soil for submittal to an analytical lab for analysis for reactivity, pH, ignitability, total metals (RCRA-14), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), total petroleum hydrocarbons (TPH), and Poly-Chlorinated Biphenyls (PCBs). A sample of the material would also be submitted for analysis for asbestos.

Materials submitted for laboratory analysis would be requested for rush turnaround which is estimated to take 48 to 72 hours depending on laboratory availability.

Upon receipt of the results of the analytical testing, McPhail would prepare a letter to respond to the AI Saugus facility questions regarding the material.

The estimated fee for the above described scope of work is \$6,800 which includes an allowance of \$4,000 for laboratory testing costs and fees for expedited testing results.

We note that there is a possibility that the newly required testing identifies new chemical constituents, or chemical constituents at higher concentrations than were detected at the time of our original characterization, that may change the disposal classification of the soil, or trigger a notification and response action obligation of the Town of Brookline to the Massachusetts DEP. Our scope of work contained in this proposal excludes work associated with any reclassification of the soil and additional analysis that may be required by a new facility, and also preparation of regulatory and compliance documents in accordance with the provisions of the Massachusetts Contingency Plan 310 CMR 40.0000 (MCP) in regards to Reportable Conditions that may be identified during completion of testing described above. Should the results of the chemical testing of soil indicate that reclassification is necessary, or a Reporting Condition has been identified pursuant to the provisions of the MCP, additional geoenvironmental engineering services will be required, for which a work scope

GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERS
2269 Massachusetts Avenue
Cambridge, Massachusetts 02140
(617) 868-1420



William Rawn Associates Architects,
Inc.
April 26, 2021
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and estimated fees will be provided to the Client in a separate proposal. The actual scope and fees for the additional work, if any, will be dependent upon the results of the chemical testing and the nature of the release condition(s) identified.

The services proposed herein will be provided in accordance with the terms and conditions presented in the Standard Form of Agreement Between Architect and Consultant (AIA Document C401) dated July 31, 2018 which is incorporated herein by reference.

To authorize us to proceed with the services proposed above, please sign and return a copy of this letter. Should you have any questions, please contact us.

Very truly yours,

McPHAIL ASSOCIATES, LLC

A handwritten signature in black ink, appearing to read "Jason Huestis".

Jason S. Huestis

A handwritten signature in black ink, appearing to read "Thomas J. Fennick".

Thomas J. Fennick, P.E., L.S.P.

WILLIAM RAWN ASSOCIATES ARCHITECTS,
INC.

BY _____

DATE _____

\\\\McPhail-fs2\\McPhail\\Working Documents\\Proposals\\6324 BHS STEM Supplemental Geoenviron - Gilsulate - 042621.docx

JSH/tjf



One Federal Street, Suite 800, Boston, MA 02110

Project Name:	Brookline Hills Station
AECOM Project Number:	60580112
Subject:	Contract Change Order No. 6

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

April 28, 2021

The following provides AECOM's outline to Change Order No. 6 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. Develop platform detailing to modify and provide removable panels to access areas on each platform from high rail equipment for the construction of future OSC foundations (portal #4) by others.

AECOM will provide:

- A review and check to see if the H-piles installed can support the platform slab after these changes are made to accommodate the OCS pile cap opening.
- Detail the platform block outs (openings) large enough for future piles and pile caps to be constructed.
- Detail removable panels over these openings to be removed using high-rail equipment to access.
- Provide the platform slab detail around the existing portal frame columns so future removal does not require major platform demolition.
- Relocate the VMS sign to a location away from this future portal.

Please note a new OCS foundation design is not included in this effort and will have to be address separately by others.

Name/Technical Team	Rate	Hours	Total
Roger Gagnier	\$280.00	4	\$1,120.00
Michael McDonough, Arch.	\$185.00	4	\$740.00
Abdallah Alhmood, (Aboud) Sr. Structural	\$170.00	8	\$1,360.00
Xiaolei Chen Structural	\$170.00	8	\$1,360.00
Evan Hayes Structural	\$170.00	8	\$1,360.00
		32	\$5,940.00

In total, this Change Order amounts to **\$5,940.00** 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