



**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 13  
Design Services (FY 19)

**DATE:** January 16, 2020

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 \$11,000.

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 involving the need for additional structural support for the existing building (main HS campus) to support the remaining demolition of the Roberts Wing. Refer to the Rawn memo dated January 6, 2020 for further explanation of services.

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

**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

January 10, 2019

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

Re: William Rawn Associates Amendment <sup>13</sup>15

Dear Ray:

We have reviewed WRA's proposed Amendment <sup>13</sup>15 for additional structural design field investigations due to unforeseen conditions with existing structural conditions that were concealed and could not have been seen by the Design Team during preconstruction. We have reconfirmed the sequence of events with WRA and ToB's Site Representative and concur that WRA's request is fair and reasonable. Hill recommends approval of the \$11,000.00 Amendment.

Very truly yours,



Andy Felix  
Project Director

cc. A. Jonic WRA

TOWN OF BROOKLINE  
333 Washington Street, Brookline, Massachusetts 02445

PURCHASE ORDER CHANGE FORM

INVOICE DATE: 14-Jan-20

TO:	William Rawn Associates, Architects, Inc 10 Post Office Square, Suite 1010 Boston MA 02109
-----	--

Purchase Order Number

21803108

Vendor Number

53540

PAYMENT AMOUNT

\$11,000.00

BUDGET 14,838,648.00  
BALANCE 8,687,722.22

FUND	ORGANIZATION	ACTIVITY	OBJECT
	2594C204		524003

FOR: Brookline High School Expansion

Amendment	Date	
13	1/6/2020	Design structural steel support framework - Roberts Wing

AMOUNT  
\$11,000.00

BUILDING COMMISSION

APPROVAL OF:

Janet Fierman, Chairman

George Cole

Kenneth Kaplan

Karen Breslawski

Nathan E. Peck

SELECT BOARD

APPROVAL OF:

Bernard W. Greene, Chairman

Benjamin J. Franco

Nancy S. Heller

Heather Hamilton

Raul Fernandez

SCHOOL COMMITTEE

APPROVAL OF:

Mary Ellen Normen, Assistant Superintendent For Administration and Finance

902

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

January 6, 2020

Project Name: Brookline High School Expansion Project

Re: **Contract Amendment #15** / 3

*Additional Service Proposal for:*

1. *Additional structural engineering services for unforeseen conditions where the west end of the new STEM addition meets the existing BHS building adjacent to the auditorium*

Dear Ray,

During the demolition of the Roberts Wing it was determined that the east wall of the existing high school building was structurally unstable to complete demolition. WRA together with LeMessurier consultants designed and documented a steel support framework designed to allow the remaining 20' x 20' area of the original building to be removed. Due to unforeseen conditions and incomplete original building structural design documents, we were unable to identify the need for this additional framing during design phase. Additionally, the design team made 4 site visits at the request and timing of Skanska Inc, however the CM had not selectively demolished appropriate scope in order to determine a structural design solution. Upon the fifth site visit, WRA and LeMessurier were able to observe enough of the existing structural condition to complete the design, and document as part of FB022.

**1. Scope #1: Design structural steel support framework for the completion of Roberts Wing Demolition**

*Article 8.2.1 preparing measured drawings and detailed construction investigations documentation for existing building when such documentation does not exist.*

**Tasks:**

1. *Initial site visits to determine the existing conditions*
2. *Structural design and engineering*

• Lemessurier

\$10,000 (not to exceed fee)

• WRA

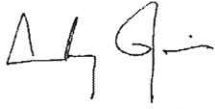
\$1,000 (lump sum)

**Scope #1 Total:**

**\$11,000**

*LOK to MM  
WRA Amendment*

Regards,

A handwritten signature in black ink, appearing to read 'AJ' followed by a horizontal line.

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

*Attachments: Lemessurier proposal dated October 17, 2019*

October 17, 2019

Andrew Jonic  
William Rawn Associates, Architects  
10 Post Office Square, Suite 1010  
Boston, MA 02109

Project: Brookline High School – Renovation -Unanticipated Conditions  
LeM File No. 37111.005

Dear Andy,

Pursuant to our phone conversation of October 17, 2019, we are forwarding this request for additional services associated with the conditions that are being exposed relative to the potential demolition and retention of portions of the existing building.

These conditions result in our staff making site visits to view and document the existing conditions and then prepare supplemental sketches and/or drawings to define the mitigated work required. In some areas, these conditions exist because the structure was not known at the time of the document preparation; in other cases, the conditions have arisen because of how the demolition has proceeded, or how things were constructed.

Therefore, we request to bill you for this work on an hourly basis using the rates on the attached sheet. It is difficult to estimate how many of these conditions will occur, but perhaps you can authorize a \$10,000 upset limit which we will not exceed without your further authorization.

We trust this summary is consistent with our phone conversation. If you have any questions or comments, please contact me directly.

Very truly yours,  
LeMessurier Consultants Inc.



Peter J. Cheever, P.E.  
President

PJC:pw

S:\2017\37111\03-Correspondence\02-Contract\005-Fee-AJ(10-17-19)pjc.docx

xc: A. Vodenicharska/LeM

LeMessurier.

HOURLY BILLING RATES (2019)

Principal .....	\$225.00
Associate .....	\$175.00
Engineers .....	\$150.00
Senior CADD Operators .....	\$125.00
CADD Operators .....	\$100.00

# ATTACHMENT F

## CONTRACT FOR DESIGNER SERVICES

### AMENDMENT NO. 15\_\_\_\_\_

**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 \_\_\_\_January 6, 2020\_\_\_\_, 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: <b>\$11,000</b>
Feasibility Study Phase	\$ _____	\$ _____
Schematic Design Phase	\$ _____	\$ _____
Design Development Phase	\$ _____	\$ _____
Construction Document Phase	\$ _____	\$ _____
Bidding Phase	\$ _____	\$ _____
Construction Phase	\$ _____	\$ _____
Completion Phase	\$ _____	\$ _____
*Includes previous Amendments		
<b>Total Fee</b>	<b>\$TBD</b>	<b>\$TBD Pending</b>
<b>Amendment #14</b>		

This Amendment is a result of: Unforeseen conditions at the west end of the demolished Roberts Wing (Project C – STEM Wing).

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 01.6.20 \_\_\_\_\_

**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

January 10, 2019

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

Re: William Rawn Associates Amendment 15

Dear Ray:

We have reviewed WRA's proposed Amendment 15 for additional structural design field investigations due to unforeseen conditions with existing structural conditions that were concealed and could not have been seen by the Design Team during preconstruction. We have reconfirmed the sequence of events with WRA and ToB's Site Representative and concur that WRA's request is fair and reasonable. Hill recommends approval of the \$11,000.00 Amendment.

Very truly yours,



Andy Felix  
Project Director

cc. A. Jonic WRA