

TOWN OF BROOKLINE
333 Washington Street, Brookline, Massachusetts 02445

PURCHASE ORDER CHANGE FORM

INVOICE DATE: 10-Sep-19

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

Purchase Order Number

21803108

Vendor Number

53540

PAYMENT AMOUNT

\$36,102.00

BUDGET 14,838,648.00
BALANCE 8,676,722.22

| FUND | ORGANIZATION | ACTIVITY | OBJECT |
|------|--------------|----------|--------|
| | 2594C204 | | 524003 |

FOR: Brookline High School Expansion

| Amendment | Date | |
|-----------|----------|--|
| 12 | 9/4/2019 | New Overhead catenary support (OCS) portal(aka"Bent Relocation") |

AMOUNT
\$36,102.00

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

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

~~August 2, 2019~~

Revised: September 4, 2019

Project Name: Brookline High School Expansion Project
Re: Contract Amendment #12

Additional Service Proposal for: Design Services for a new overhead catenary support (OCS) portal (aka "Bent Relocation")

Dear Ray,

The MBTA has requested that the OCS portal highlighted in the attached diagram be replaced as part of the Brookline Hills platform renovation project. Presently, this portal was planned to remain in place. The MBTA would like a new portal in order to maximize clearances on the platform. Attached is AECOM's proposal for design and engineering services to incorporate this change. At the request of the Building Commission, AECOM has reviewed their original proposal and reduced their fee by \$13,650. I have asked Roger Gagnier to join me at the next BBC meeting to answer any questions members of the commission might have about the proposal.

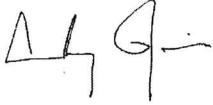
| | |
|------------------|-----------------|
| AECOM Fee: | <u>\$46,470</u> |
| WRA Admin (10%): | <u>\$4,647</u> |
| Total: | <u>\$51,117</u> |

| | |
|------------------|----------------|
| AECOM Fee: | \$32,820 |
| WRA Admin (10%): | <u>\$3,282</u> |
| Total: | \$36,102 |

Total Additional Service Fee: ~~\$36,201~~ ⁴ 36,102

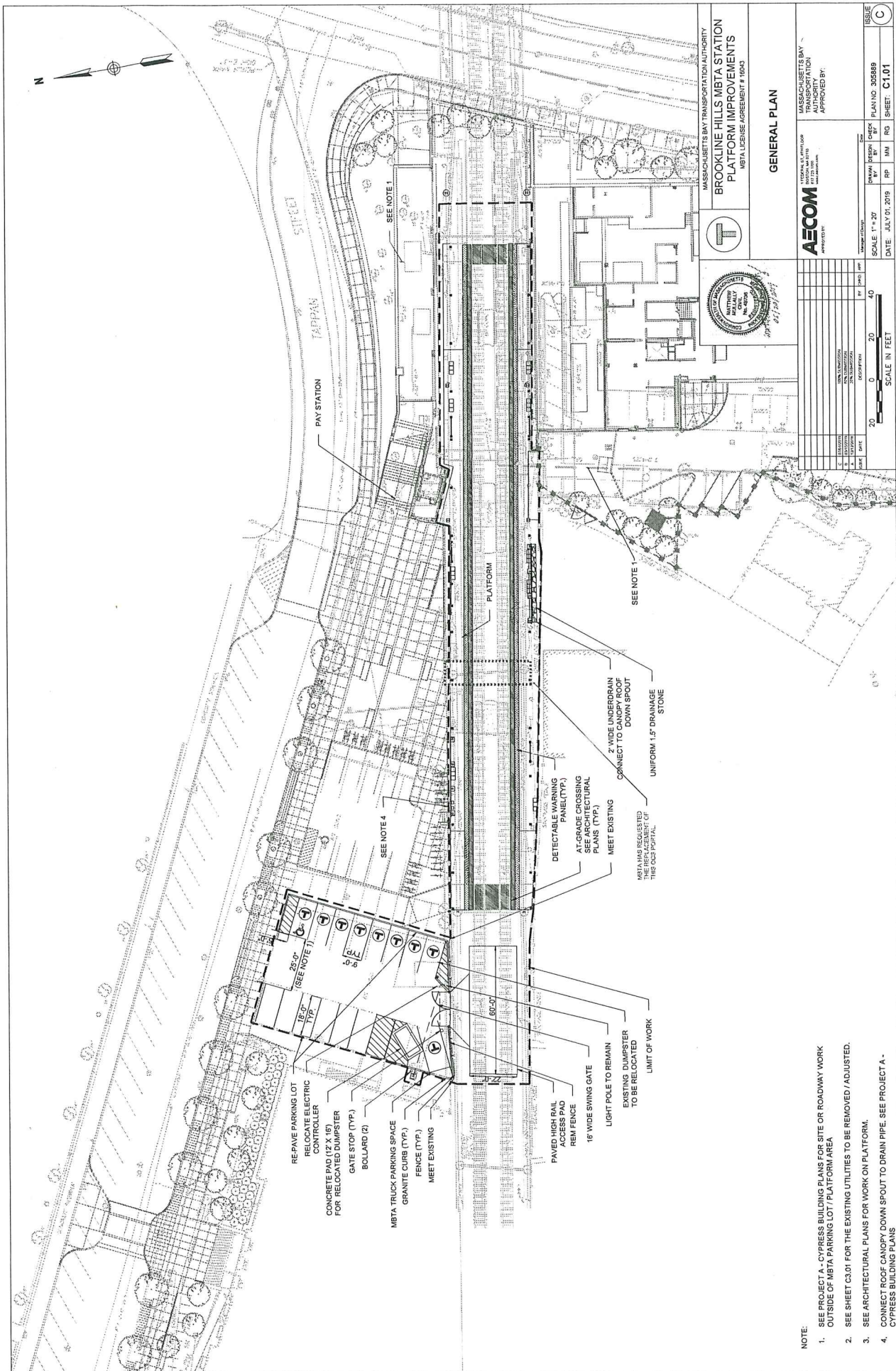
Please let us know if you have any questions or comments.

Regards,

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

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

Attachments: Brookline Hills overall site plan, AECOM proposal dated August 21, 2019



ATTACHMENT F

CONTRACT FOR DESIGNER SERVICES

AMENDMENT NO. 12_____

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 _____ **September 4, 2019**_____, 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: \$36,102 |
| Feasibility Study Phase | \$ _____ | \$ _____ |
| Schematic Design Phase | \$ _____ | \$ _____ |
| Design Development Phase | \$ _____ | \$ _____ |
| Construction Document Phase | \$ _____ | \$ _____ |
| Bidding Phase | \$ _____ | \$ _____ |
| Construction Phase | \$ _____ | \$ _____ |
| Completion Phase | \$ _____ | \$ _____ |
| *Includes previous Amendments | | |
| Total Fee | <u>\$13,592,898.00</u> | <u>\$13,629,000.00</u> |

This Amendment is a result of: MBTA request for a new overhead catenary support portal to replace the existing portal currently included in the platform design.

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 9.4.19_____

Brookline Hills Station **Change Order 1, 357/175 - 357/176 Bent Relocation**

Owner William Rawn Associates, 10 Post Office Sq. Suite 1010, Boston MA, 02109 Date August 21, 2019
 Project Brookline Hills Station Platform Improvement Design Services
 Owner's Contract No. MBTA License Agreement #16043 Contractor Skanska
 Date of Contract Start July 23, 2018

Description:
 The MBTA and the Town of Brookline have agreed to relocate (1) portal (375/175 - 357/176) further away from the edge of platform. The PCO value will then be "negotiated with some kind of trade-off" between ToB & MBTA at an executive level.


Reason for Change Order:
 George C. has directed our team to issue a formal PR to Skanska so they can provide an actual cost from awarded Subs for replacing that (1) portal (375/175 - 357/176). The PCO value will then be "negotiated with some kind of trade-off" between ToB & MBTA at an executive level. This action is additional Design Services and not part of the original scope that limited the OCS modifications to only the bents impacted by the school over build.

Attachments: (List documents supporting change)
 AECOM tabulation of staff hours (per task) additional to those included in the AECOM contract, including rates and totals.

| CONTRACT PRICE | | | CONTRACT TIMES (Calendar Days) | |
|---|------------------------|------------------------------|--------------------------------|---------------------|
| | | | To substantial completion | To final completion |
| Original: | <u>\$ 1,050,000.00</u> | Original: | <u>NO CHANGE</u> | |
| Previous Change Order: | <u>\$ 0.00</u> | Previous C.O.s (ADD/DEDUCT): | | |
| This Change Order: | <u>\$ 32,820.00</u> | This C.O. (ADD/DEDUCT): | <u>0 days</u> | |
| Contract Price with all approved Change Orders: | <u>\$ 1,082,820.00</u> | REVISED: | | |
| | | Original Completion Date: | <u>10/2021</u> | |
| | | Revised Completion Date: | | |

It is agreed by the Contractor that this Change Order includes any and all costs associated with or resulting from the change(s) ordered herein, including all impact, delays, and acceleration costs. Other than the dollar amount and time allowance listed above, there shall be no further time or dollar compensation as a result of this Change Order.

THIS DOCUMENT SHALL BECOME AN AMENDMENT TO THE CONTRACT AND ALL STIPULATIONS AND COVENANTS OF THE CONTRACT SHALL APPLY HERETO.

By:  Date: 8/21/2019
 AECOM (Authorized Signature)

APPROVED:
 By: _____ Date: _____
 Owner (Authorized Signature)

ACCEPTED:
 By: N/A Date: _____
 Contractor (Authorized Signature)

60504279 2
 AECOM Project Amendment
 Number Number

MBTA - Brookline Hills Station**Replacement of Existing Structure 357/175-176****MBTA License Agreement #16043**

| Task | ITEM | Qty | Roger Gagnier | Sr Catenary Engineer/Architect | Designer | CADD | Totals |
|------|---|-----|---------------|-----------------------------------|--------------|--------------|--------------|
| | | | | | | | |
| 1 | Modify Layout Drawings | 2 | | 4 | 14 | 8 | 26 |
| 2 | New Erection Diagram for New Structure 357/175-176 | 1 | | 4 | 8 | 12 | 24 |
| 3 | Modify Profile Drawings | 4 | | 4 | 12 | 20 | 36 |
| 4 | Cable Support Brackets Design - New Drawing | 1 | | 4 | 8 | 4 | 16 |
| 5 | Check and verify structural frame | 1 | | 2 | 4 | 8 | 14 |
| 6 | Check and verify foundations | 2 | | 2 | 4 | 8 | 14 |
| 7 | Modify Structural Drawings | 2 | | 2 | 8 | 8 | 18 |
| 8 | Modify Architectural Drawings | 8 | | 2 | 12 | 12 | 26 |
| 9 | Project Management | | 16 | | | | 16 |
| | | | | | | | |
| | Sum Man-Hours | | 16 | 24 | 70 | 80 | 190 |
| | Billing Rates | | \$ 280.00 | \$ 185.00 | \$ 170.00 | \$ 150.00 | |
| | | | \$ 4,480.00 | \$ 4,440.00 | \$ 11,900.00 | \$ 12,000.00 | \$ 32,820.00 |
| | | | | | | | |

6. Price Proposal

AECOM is pleased to present the Lump Sum structured Price Proposal associated with the proposed professional services set forth in the scope of work. The work products per each phase shall be provided at dates that will be jointly developed with WRA prior a Notice-To-Proceed with the work. The Price Proposal is valid for 90 days.

In the table below, we present the AECOM hours budgeted by employee classification, as well as total hours and total cost per project phase. In our proposal, standard travel/print expenses have been included in the quoted price.

This Price Proposal reflects AECOM's current understanding of the project and will be further refined once designer selection is complete. To that end, a more detailed scoping meeting between WRA and AECOM should take place and the schedule of deliverables is set forth.

| 2018 Billing Rates | |
|--------------------|-----------|
| Core Team | |
| Frank DePaola | \$ 350.00 |
| Roger Gagnier | \$ 280.00 |
| George Katsoufis | \$ 248.00 |
| Scott Kelley | \$ 245.00 |
| Technical Team | |
| Architect | \$ 185.00 |
| Designer | \$ 170.00 |
| CADD/Admin | \$ 150.00 |
| Technical Support | \$ 115.00 |

| LEVEL OF EFFORT | | Core Team | | | | Technical Team | | | | TOTAL | |
|-----------------|---|---------------|------------------|---------------|--------------|----------------|----------|------------|-------------------|-------|--------------|
| | | Frank DePaola | George Katsoufis | Roger Gagnier | Scott Kelley | Arch | Designer | CADD Admin | Technical Support | HOURS | LABOR COST |
| 3 | Design Development (Design 0 - 60%) | 24 | 138 | 162 | 24 | 102 | 740 | 272 | 648 | 2,110 | \$ 345,000 |
| | Lump Sum for DD includes 10 Job meetings and 1 PDG meeting and 1 Public meeting | | | | | | | | | | |
| | Having weekly meetings adds 12 Job meetings | | | 36 | | | | | | | \$ 10,000 |
| 4 | Construction Documents (Design 60% - 100%) | 12 | 196 | 202 | 26 | 62 | 504 | 576 | 456 | 2,034 | \$ 350,000 |
| | Lump Sum for CD includes 12 Job meetings and 1 PDG meeting and 1 Public meeting | | | | | | | | | | |
| | Having weekly meetings adds 14 Job meetings | | | 42 | | | | | | | \$ 12,000 |
| 5 | Construction Phase Services | 4 | 6 | 42 | 424 | 48 | 802 | 254 | - | 1,580 | \$ 300,000 |
| | Lump Sum for CPS includes 16 Job meetings and 2 Public meeting | | | | | | | | | | |
| | Having bi-weekly construction meetings adds 40 Job meetings | | | 120 | | | | | | | \$ 33,000 |
| T | TOTAL | 40 | 340 | 604 | 474 | 212 | 2,046 | 1,102 | 1,104 | 5,724 | \$ 1,050,000 |

Job meeting unit cost for additional meetings 560.00 \$ per meeting

Brookline Hills Station Change Order 1, 357/175 - 357/176 Bent Relocation

Owner William Rawn Associates, 10 Post Office Sq. Suite 1010, Boston MA, 02109 Date July 25, 2019

Project Brookline Hills Station Platform Improvement Design Services

Owner's Contract No. MBTA License Agreement #16043

Contractor Skanska

Date of Contract Start July 23, 2018

Description:

The MBTA and the Town of Brookline have agreed to relocate (1) portal (375/175 - 357/176) further away from the edge of platform. The PCO value will then be "negotiated with some kind of trade-off" between ToB & MBTA at an executive level.

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Attachments: (List documents supporting change.)

AECOM tabulation of staff hours (per task) additional to those included in the AECOM contract, including rates and totals.

CONTRACT PRICE

Original: \$ 1,050,000.00
Previous Change Order: \$ 0.00
This Change Order: \$ 46,470.00
Contract Price with all approved Change Orders: \$ 1,096,470.00

CONTRACT TIMES (Calendar Days)
To substantial completion
To final completion

Original: NO CHANGE
Previous C.O.s (ADD/DEDUCT):
This C.O. (ADD/DEDUCT): 0 days
REVISED:
Original Completion Date: 10/2021
Revised Completion Date:

It is agreed by the Contractor that this Change Order includes any and all costs associated with or resulting from the change(s) ordered herein, including all impact, delays, and acceleration costs. Other than the dollar amount and time allowance listed above, there shall be no further time or dollar compensation as a result of this Change Order.

THIS DOCUMENT SHALL BECOME AN AMENDMENT TO THE CONTRACT AND ALL
STIPULATIONS AND COVENANTS OF THE CONTRACT SHALL APPLY HERETO.

By: [Signature]
AECOM (Authorized Signature)

Date 7-25-19

APPROVED:

By: _____
Owner (Authorized Signature)

Date

ACCEPTED:

By: N/A
Contractor (Authorized Signature)

N/A
Date

60504279
AECOM Project
Number

Amendment
Number

MBTA - Brookline Hills Station**Replacement of Existing Structure 357/175-176****MBTA License Agreement #16043**

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| 4 | Cable Support Brackets Design - New Drawing | 1 | | 4 | 16 | 7 | 27 |
| 5 | Check and verify structural frame | 1 | | 2 | 4 | 8 | 14 |
| 6 | Check and verify foundations | 2 | | 2 | 4 | 8 | 14 |
| 7 | Modify Structural Drawings | 2 | | 2 | 8 | 8 | 18 |
| 8 | Modify Architectural Drawings | 8 | | 4 | 16 | 32 | 52 |
| 9 | Project Management | | 16 | | | | 16 |
| | Sum Man-Hours | | 16 | 30 | 112 | 116 | 274 |
| | Billing Rates | | \$ 280.00 | \$ 185.00 | \$ 170.00 | \$ 150.00 | |
| | | | \$ 4,480.00 | \$ 5,550.00 | \$ 19,040.00 | \$ 17,400.00 | \$ 46,470.00 |
| | | | | | | | |

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| LEVEL OF EFFORT | | Core Team | | | | Technical Team | | | | TOTAL HOURS | LABOR COST |
|-----------------|---|---------------|------------------|---------------|--------------|----------------|----------|------------|-------------------|-------------|------------|
| | | Frank DePaola | George Katsoufis | Roger Gagnier | Scott Kelley | Arch | Designer | CADD Admin | Technical Support | | |
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| T | TOTAL | 40 | 340 | 604 | 474 | 212 | 2,046 | 1,102 | 1,104 | 5,724 | \$ 950,000 |

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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

September 5, 2019

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

Re: William Rawn Associates Amendment 12r1

Dear Ray:

Attached please find a proposal and amendment 12r1 for additional design for (1) new OCS Portal from William Rawn Associates (WRA) and AECOM.

Pursuant to several requests by MBTA that were finally settled at the July 19, 2019 PDG in a conversation between George C. (Building Commission Chair) and an MBTA Executive (e.g. ToB would pay for extra portal if MBTA pays for (1) ToB-requested weekend diversion), MBTA has requested that the existing OCS portal, which our current design shows it to remain as existing, be replaced with a new portal to further create more clearance on the new platform. AECOM has to design this new portal and associated OCS wiring re-profiling in order for Skanska to subsequently provide an accurate detailed quote within next month or so. However, this (1) new OCS portal will be comeback work to be installed in Fall 2020 when the western half of the new platform is being built.

The attached letter from WRA dated September 4, 2019 and supporting proposals from the consultants indicated provide additional detail for this work. Hill recommends approval of the \$36,102.00 Amendment.

Very truly yours,



Andy Felix
Project Director

cc. A. Jonic WRA
T. Guigli, ToB