



## ADDENDUM

Date May 13, 2015

To Prospective Bidders

Re Addendum No. 3 to the Bidding Documents for:

SMCC  
Hildreth Lab Renovation  
Room 208  
South Portland, Maine  
Project No. 14548

This Addendum forms a part of the Contract Documents and modifies the original Bidding documents dated April 23, 2015, Addendum No. 1 dated April 27, 2015 and Addendum No. 2 dated May 4, 2015. Addendum provides responses to questions posed during site inspection May 6, 2015 and received during the bid question period, including requirements for data wiring.

This Addendum consists of two pages and Specification Section 260741.

Harriman

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## PRE-BID QUESTIONS

- Q: Clarify responsibility of removal / reinstallation of existing projector, mount and projection screen.  
A: Projector removal and reinstallation by SMCC. Balance by Contractor.
- Q: Drawing M06.2 indicate unit ventilator removals, shall they be infilled similar to Room 208 detailing.  
A: At Room 205: infill exterior face with brick and flashing, interior face per detail. At Room 201: infill occurs at a shaft (connection with building addition): infill interior face, waterproofing is not applicable.
- Q: Drawing A15.1 indicate masonry openings for ductwork, not all partitions return to the deck, Clarify.  
A: New masonry openings are needed at three (3) locations: indicated as 'D' (2 locations) and 1 location indicated with 'C' at Corridor 211 cross over to Room 204. The balance of the locations identified as 'C' are either existing or ductwork occurs above the top of CMU partitions. The openings are in addition to those indicated on drawing C3/A10.1.
- Q: Clarify responsibility for data wiring.  
A: Contractor shall supply. 'J' hooks are acceptable; Data closet is located on 2<sup>nd</sup> floor of Hildreth Media Center, Room 221. (Addition). See revised Specification Section issued with this addendum.
- Q: Clarify intent of floor preparation.  
A: Patch abandoned floor penetrations and flash patch areas for level flooring installation. Full room overlay is not anticipated.
- Q: What is age of existing roof?  
A: Roof was replaced soon after Patriots Day storm in April 2007 (100 mph wind rating), Contractor - Delta Roofing, warrantee data is being located.
- Q: Who is responsible for project permit?  
A: The General Contractor is responsible for the City of South Portland permit. Harriman has filed the project with the State Fire Marshal.
- Q: As this project has no direct involvement with site work, or hazardous material removal can we exclude the "pollution liability insurance"? Can we also exclude the "owners protective liability insurance"?  
A: The insurance requirement for "Pollution Liability Insurance" **is not required** for this contract scope of work. It would be required in the event that concealed conditions reveal the need. The requirement is contingent upon encountering the hazmat. None is expected, as the work has been previously abated, the insurance is not required. The "Owners Protective Liability Insurance" **is required** as the anticipated contract scope is in excess of \$50,000.
- Q. Lead times may be of concern for laboratory casework due to recent industry changes. Please advise.  
A. The casework specification includes provisions for fabrication by independent millwork sub-contractor.

## CHANGES TO SPECIFICATIONS

1. SECTION 260741 - PROVISIONS FOR INSTRUCTIONAL TECHNOLOGY
  - a. Revised and reissued with this addendum.

## SECTION 260741 - PROVISIONS FOR INSTRUCTIONAL TECHNOLOGY

### PART 1 - GENERAL

#### 1.1 SECTION INCLUDES

- A. Wiring paths for communication and technology systems.
- B. Voice/Data/Coax/AV wall boxes with conduit stubs.
- C. Interior raceways and junction boxes for system indicated.

#### 1.2 RELATED SECTIONS

- A. Division 26 Section 260010 "Basic Electrical Requirements."
- B. Division 26 Section 260111 "Conduit."
- C. Division 26 Section 260130 "Boxes."

#### 1.3 SUBMITTALS

- A. Submit Shop Drawings, Owner's Manuals, and Operating Instructions in accordance with Division 01 Section "Submittal Procedures".
- B. J-Hooks.

#### 1.4 PROJECT RECORD DOCUMENTS

- A. Accurately record actual locations and mounting heights of outlets if not as shown on Drawings, plus pull and junction boxes larger than 12x12x6 inches, backboard and J-Hook routing.

#### 1.5 PROJECT CONDITIONS

- A. See Section 260010 – "Basic Electrical Requirements."
- B. Coordinate work with Owner/Owner's Vendor to assure proper wiring paths.
- C. The intent of this section is to provide wiring paths to allow for this work.
- D. Intent is to use J-hooks to manage the communications wiring (Voice, Data, A/V).
- E. Verify locations of wall boxes and outlets in all finished walls prior to rough-in.
- F. Locate such that outlets are readily accessible.

- G. Determine required separation between cables and other work.
- H. Determine cable routing to avoid interference with other work
- I. Electrical boxes are shown on Drawings in approximate locations unless dimensioned. Install at location required for box to serve intended purpose.

## PART 2 - PRODUCTS

### 2.1 WALL BOXES

- A. All voice/data station outlets shall have 4" square box with raised ring.
- B. Wall boxes specified under Division 26 Section "Boxes".
- C. Communication/data devices provided by Owner.

### 2.2 J-HOOKS: CADDY CABLECAT CLIPS

- A. Cable Attachment: Secure all cables to assemblies/clips with Velcro wraps.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Verify that surfaces are ready to receive work.
- B. Verify that building is watertight before start of installation. Do not install until building is water-tight.

### 3.2 INSTALLATION

- A. Properly support raceways. Coordinate with Division 06 Section "Rough Carpentry" to provide blocking as required.
- B. Provide minimum two - 1" EMT from each wall box to an accessible space above ceiling that has a direct concealed accessible path to the designated destination.
  - 1. EMT for Voice/Data shall have maximum two 90 degree bends to conform to EIA/TIA standard.
- C. Install clamps, hangers, and other miscellaneous hardware to structural steel, joists and girders.
- D. Install polyethylene pulling string in each empty conduit.
- E. Install all flush wall boxes, vertical & plumb.

- F. Pathways installed to carry telecommunications cables shall give consideration to noise sources such as power wiring, radio frequency (RF) sources, large motors, large generators, induction heaters, arc welders, transformers, fixture ballasts, etc.
1. Telecommunication pathways shall cross power conductors in a perpendicular orientation and at a minimum distance of 6 inches.
  2. Telecommunication pathways shall run a minimum of 6" from lighting ballasts unless otherwise indicated.
  3. Telecommunication pathways which run parallel to power conductors shall maintain the following minimum distance separation:

CONDITIONS	MINIMUM REQUIRED SEPARATION			
	120 V, < 20 A	120/208 V, < 20 A	120/208 V, > 20 A	480/277 V
Power conductors in tray, telecom conductors in tray or air	12"	18"	24"	36"
Power conductors in tray, telecom conductors in metal conduit	9"	12"	18"	24"
Power conductors in metal conduit, telecom conductors in tray or air	9"	12"	18"	24"
Power conductors in metal conduit, telecom conductors in metal conduit or wireway	4"	9"	12"	24"

- G. J-hooks Shall Be Used Solely to: Manage & support voice, data, AV and other communications wiring.
- H. J-Hook paths are not shown on the drawings. Locate as herein indicated and as required to provide a continuous path from each device Data Room. Intent is to provide continuous wiring path from each voice/data outlet.

END OF SECTION 260741

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