

ADDENDUM NO.: FIVE

DATE OF ADDENDUM: January 15, 2016

**NEW MANUFACTURING TECHNOLOGY CENTER  
ASNUNTUCK COMMUNITY COLLEGE  
170 ELM STREET  
ENFIELD, CT  
BI-CTC-488**

Original Bid Due Date / Time:

January 20, 2016

1:00 PM

Previous Addenda: Addendum No. 4 dated 1/12/2016, Addendum No. 3 dated 1/12/2016, Addendum No. 2 dated 12/23/2015, Addendum No. 1 dated 12/16/2015

**TO: Prospective Bid Proposers:**

This Addendum forms part of the "Contract Documents" and modifies or clarifies the original "Contract Documents" for this Project dated October 28, 2015. Prospective Bid Proposers shall acknowledge receipt of the total number of the Addenda issued for this Project on the space provided on Section 00 41 00 Bid Proposal Form. Failure to do may subject Bid Proposers to disqualification.

The following clarifications are applicable to drawings and specifications for the project referenced above.

**PREVIOUSLY ISSUED ADDENDA**

NO CHANGE BY THIS ADDENDUM

**SPECIFICATIONS**

**SECTION 27 00 00 - TELECOMMUNICATIONS INFRASTRUCTURE:**

At Article 1.18 WARRANTY Paragraph B **DELETE** "one year" and **REPLACE** with "warranty period as specified by Section 017830 WARRANTIES AND BONDS".

At Article 1.18 WARRANTY Paragraph E subparagraph 2 **DELETE** "25 year" and **REPLACE** with "warranty period as specified by Section 017830 WARRANTIES AND BONDS".

**DRAWINGS**

NO CHANGE BY THIS ADDENDUM EXCEPT AS NOTED BELOW

**BIDDER QUESTIONS AND ANSWERS**

- 1 **Question:** Please confirm the proprietary spec (door hardware, controls, fire alarm) can be excluded from the contract sum when calculating minority requirements.  
**Answer:** Follow requirements of Bid Documents and State of Connecticut statutes.
- 2 **Question:** Please advise if the owner or GC is responsible for the primary electrical connection. If this is to be by the GC please provide an allowance since these costs are not determined until a work order is in place.  
**Answer:** Owner pays the utility fees; General Contractor to coordinate with utility.
- 3 **Question:** Timber Guard Rail: Detail calls for a 12"x 12" post with a 4"x 8" rail to match existing. Guard rail at the college are 10"x 10" posts with a 5"x 5" rail. Also detail shows posts 8' apart, existing is 10' apart. Please clarify.  
**Answer:** Provide timber rail as details and specified, do not match existing.
- 4 **Question:** Civil drawings indicate to remove parking striping. Does mean grind off markings or paint over with black striping paint?  
**Answer:** Grind off markings.

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- 5 **Question:** Drawing CP101 indicated pavement to be removed. Drawing CS101 indicates same pavement to remain. Please clarify  
**Answer:** Follow Drawing C101.
- 6 **Question:** Is there a detail of corner condition of granite on architectural precast? A6.1 just refers to "return profile and finish end"  
**Answer:** See quirk detail 6/A3.4. Returns at corners shall be sawn.
- 7 **Question:** Specification 044200 states stone thickness is 1 1/4" minimum, but it appears to be 2" thick per Plan Detail 2/A5.1.  
**Answer:** 2 inch dimension is to a profile line of the precast concrete panel, not the stone; refer to Architectural Precast Concrete Profiles on Sheet A6.2.
- 8 **Question:** Specification 044200 states precast anchors for granite to be designed by precast contractor; we will exclude or provide unit cost unless a quantity of precast holes is submitted to NCGC.  
**Answer:** General Contractor to verify quantity with precast concrete and stone fabricators.
- 9 **Question:** Finish Legend, A4.0: ST 1-A Natural Stone Base, is this the same granite type as listed in Section 044200? If so, what is the thickness for the base ST1-A? (reference 4/A3.1)  
**Answer:** NO. Provide stone ST1-A as specified by Section 093-13 Dimension Stone Tile and as indicated by finish schedule.
- 10 **Question:** Addendum No.2, Sketch No. AD1-SK-A1.01 and A1.02 indicates granite type for Exterior Bldg to be "Vein Cut Stony Creek", are the other types listed in Spec Section 044200 acceptable??  
**Answer:** YES; match stone provided for building.
- 11 **Question:** Site Details 1 and 2/L3.33 indicate the finish for the granite benches and bollards are Thermal/ Honed; Specification Section 129300 (2.1 and 2.2) indicate "honed band with rocked finish in the center". Clarify finish as either rocked finish or thermal.  
**Answer:** Modify specification section 129300 Articles 2.1 and 2.2 to match details and to be *honed* top and banding, with thermal finish in center of vertical faces.
- 12 **Question:** Please clarify the slotted channel framing (Unistrut) scope.  
**Answer:** Slotted metal channel framing may occur in MEP installations.
- 13 **Question:** Spec 051200 Para 3.1D: Please confirm AISC STD certified fabricator can be waived for this project, allowing more steel fabricators bidders to bid the project.  
**Answer:** NO; requirement shall NOT be waived.
- 14 **Question:** Concerning the Canopy RCP on A1.4, it shows a steel soffit panel but there is no spec on it. Please provide  
**Answer:** Provide concealed fastener flush profile solid panels formed with vertical panel edges and flat pan between panel edges; with flush joint between panels; panel width 12 inches, material zinc-coated (galvanized steel sheet, 0.28 inch thickness; exterior finish 2 coat fluoropolymer finish; factory finished in custom color as selected by Architect. Panels as manufactured by ATA International, AEP Span, CENTRIA Architectural Systems, Merchant and Evans, or Metal-Fab Manufacturing LLC.
- 15 **Question:** Spec 075423 Para 1.5D call for shop drawings to be signed/sealed by a CT structural engineer. The roof system has been engineered approved via FM global and RoofNav, please confirm this redundant cost is not required for the roofing sub/GC.  
**Answer:** Confirmed.
- 16 **Question:** Spec 087100 lists aluminum door hardware by this section but 084113, para. 2.8 also lists hardware requirements. Should Article 2.8 of Section 084113 be deleted?  
**Answer:** YES.

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- 17 **Question:** Spec 092116 Para 3.9D4 - please clarify where Level 5 is intended.  
**Answer:** Level 5 finish is not required.
- 18 **Question:** Spec Section 102226 OPERABLE PANEL PARTITIONS Article 2.5 calls out work surfaces and notes quantity, placement & size indicated. There is nothing showing these. Are work surfaces required and if so please supply details.  
**Answer:** None required.
- 19 **Question:** Spec Section 102226 OPERABLE PANEL PARTITIONS The Modernfold #14 track system specified is not the standard for this size system. This is used for much larger walls. Is the standard #17 track system acceptable? (Please note: The other manufacturers will be bidding their standard track for this size system)  
**Answer:** NO; provide the named system or comparable system of the other manufacturers specified.
- 20 **Question:** SECTION 10 44 00 lists a special FE for combustible metals (para 2.3) but they cross specified a 30lb unit (B570) while describing a 150lb wheeled unit.  
a. Which size is intended?  
**Answer:** Provide 30 lb units.  
b. How many are intended? (I could find none on the plans)  
**Answer:** Provide two, one proximate to door openings 120 and 121; provide wall brackets, not cabinets, for installation. Provide blocking in wall for anchorage of brackets.
- 21 **Question:** Regarding the roller shades, in Rooms 125/126 Computer Labs, they call for motorized roller shades (P-1), but there is no cross section or elevation that shows how they want the shades mounted. Mounted recessed in the ceiling will make it cleaner by hiding the box and wiring, but there are several problems.  
a. It will add about 2'-0" to the length for the shade to drop from the ceiling before it reaches the borrowed light.  
b. The width is so large, the shade will require banding, which means there will be 3" - 4" gaps between the bands, and since the panels are butt-glazed (no mullions) it will be possible to look into and out of the room at the gaps. No security!  
c. Since the bands will be easily reachable, it is possible (even likely) any obstructions placed above/on/below the borrowed lights could interfere with the free travel and push the shades out of alignment, causing binding and/or damage to shades and/or motors during retraction.  
d. I would suggest they change these shades to manual operation, and mount them on the wall or between the jambs. In any event, please request a clarification as to mounting location at least.  
  
**Answer:** Recess mount roller shades. Provide shades at Computer Lab 1 Room No. 125 and Computer Lab 2 Room No. 124 with 2 drops at each borrowed light, 7/8 inch (max) gap between drops; provide power, wiring, and circuiting as required; all shades at each borrowed light to be operated by one operator.
- 22 **Question:** Compressed air - quad drops are shown for a few locations, but noted typical. What is the actual count of drops? 1 per piece of equipment shown or the actual number of drops shown?  
**Answer:** As shown.
- 23 **Question:** Drawing M 1.1 Mentions duct liner 15 feet downstream of each VAV. Does this include the round spiral Duct?  
**Answer:** Yes. Double walled duct is also acceptable.
- 24 **Question:** Drawing M 1.1 There are 5 transfer ducts shown with FSD'S that enter the Corridor 103. Please provide Sizes.  
**Answer:** 24x10 inches as indicated.
- 25 **Question:** Transfer Duct from Tool crib 128A To Electrical Rm 131. Please provide Duct Size.  
**Answer:** 24x10 inches.
- 26 **Question:** EP1.1 - please clarify the scope of the TV and FTV symbols. We don't find them on any legend list.  
**Answer:** See E1.0 Legend.

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27 **Question:** Please confirm the Owner will pay for natural gas fuel for the site testing of the Generator by the Electrical contractor.

**Answer:** YES.

End of Addendum Five



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Mellanee Walton, Associate Fiscal Administrative Officer  
Department of Administrative Services  
On Behalf of the Division of Construction Services