



Addendum No.: 4

Date Of Addendum: 5/2/2019

CT DAS • Construction Services • Office of Legal Affairs, Policy, and Procurement

Renovations of Second & Third Floors
White Hall Western Connecticut State University
181 White Street
Danbury, CT
BI – RD – 299

Original Bid Due Date / Time: May 1, 2019 1:00 PM

Revised Bid Due Date / Time: May 8, 2019 1:00 PM

Previous Addendums: Addendum #3 dated 4/26/2019, Addendum #2 dated 4/24/2019, Addendum #1 dated 4/8/2019

TO: Prospective Bid Proposers:

This Addendum forms part of the "Contract Documents" and modifies or clarifies the original "Contract Documents" for this Project dated 1/21/2019. Prospective Bid Proposers shall acknowledge receipt of the total number the Addenda issued for this Project on the space provided on Section 00 41 00 Bid Proposal Form.

Failure to acknowledge receipt of the total number the Addenda issued for this Project on the space provided on Section 00 41 00 Bid Proposal Form shall subject Bid Proposers to disqualification.

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

Item 1:

In Section 122113 HORIZONTAL LOUVER BLINDS:

Delete paragraph 12 21 13. 2.2.C.J. Side Channels and Perimeter Light Gap Seals.

Location: Install Horizontal Louver Blinds at all Full-Light Doors in Office Suite 220.

Item 2:

In Section 093013 CERAMIC TILING, Paragraph 2.3.B Ceramic Tile Type Replace "CT-3" with "CT-2"

DELETE: Paragraph 10. in its entirety.

Paragraph 11.a: Wainscot Cap shall be 6x6 Bullnose trim.

Item 3:

Existing Roof Membrane has no Warranty.

Item 4:

Provide Fully-Reinforced, Fluid-Applied Flashing System from single manufacturer, appropriate for flashing and repairs to existing built-up roofing system as detailed on Sheet A5.01.

Item 5:

Clarification on Sheet A4.07, Demolition Keynote 1A: Remove Masonry Wall: Wall is 10" thick Brick and Clay Tile Partition, non-loadbearing. Provide loose lintel as noted and scheduled on Drawings.

Item 6:

Exhaust Ductwork serving Rooftop Heat Recovery Units shall be insulated per Section 237000.



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Item 7:

Air Conditioning Condensate piping shall be insulated per Section 220700.

Item 8:

New Convactor Covers are specified in Section 238200.

Item 9:

Eliminate Note 3 in "Paint Key-Basis of Design" Tabulations on Sheets A6.01 and A6.02.

Item 10:

Specification Section 090190.52 Maintenance Repainting refers to instances of existing construction impacted by construction activities.

Item 11:

Infilled duct openings in masonry walls occurring above ceiling are not required to be toothed in. infill material shall consist of brick.

Item 12:

In Section 28 3100, Paragraph 2.6

DELETE: Paragraph 2.6

SUBSTITUTE:

2.6 CONDUIT AND WIRE:

A. Metal Clad (MC) Cable:

1. Type FPLP cable with galvanized interlocking steel with continuous red stripe.
2. NEC Article 760 rating for fire alarm control cables.
3. Install multi-conductor cabling in accordance with NEC article 730.
4. Use permitted above accessible ceilings, hard ceilings and concealed within walls to devices. Provide conduit and wire for final homeruns to control panels, transponders and power supplies.
5. Conductors shall comply with paragraph C.

B. Conduit:

1. Conduit shall be in accordance with the National Electrical Code (NEC), local and state requirements.
2. Where exposed, all wiring shall be installed in EMT conduit or surface raceway with equivalent cross-section. Conduit fill shall not exceed 40 percent of interior cross sectional area where three or more cables are contained within a single conduit.
3. Cable must be separated from any open conductors of power, or Class 1 circuits, and shall not be placed in any conduit, junction box or raceway containing these conductors, per NEC Article 760-29.
4. Conduit shall be 3/4 inch (19.1 mm) minimum.

C. Wire:

1. Wiring shall be in accordance with local, state and national codes (e.g., NEC Article 760) and as recommended by the manufacturer of the fire alarm system. Number and size of conductors shall be as recommended by the fire alarm system manufacturer, but not less than 18 AWG (1.02 mm) for initiating device circuits and signaling line circuits, and 14 AWG (1.63 mm) for notification appliance circuits.
2. All wire and cable shall be listed and/or approved by a recognized testing agency for use with a protective signaling system.



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3. Wire and cable not installed in conduit shall have a fire resistance rating suitable for the installation as indicated in NFPA 70 (e.g., FPLR).
4. Wiring used for the SLC multiplex communication loop shall be twisted and shielded and support a minimum wiring distance of 10,000 feet. In certain applications, the system shall support up to SLC loops with up to 1,000 feet of untwisted, unshielded wire. The system shall permit use of IDC and NAC wiring in the same conduit with the SLC communication loop.
5. All field wiring shall be completely supervised.
6. The fire alarm control panel shall be capable of t-tapping Class B (NFPA Style 4) Signaling Line Circuits (SLCs). Systems which do not allow or have restrictions in, for example, the amount of t-taps, length of t-taps etc., are not acceptable.

Item 13:

On Sheet EP1.03, BC and Sub-BC are the BC controllers for the VRV system. These are manifolds for the VRV refrigerant piping.

Item 14:

The Clarification and RFI response period is now closed.

All questions must be **emailed** (not verbal or by phone) to the consulting Architect/Engineer (Ames & Whitaker Architects, Email: al213@amesandwhitaker.com) with copies sent to the DAS/CS Project Manager (Anthony DeNapoli, Associate Project Manager, Email: Anthony.DeNapoli@ct.gov)

End of Addendum 4

**Mellanee Walton, Associate Fiscal Administrative Officer
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