

January 11, 2018

Willow Lake Phase 3 Bidding

TO: ALL BIDDERS & PLANHOLDERS

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications and the Drawings dated December 4, 2017 by CSO Architects. Acknowledge receipt of the Addendum below the 4 spaces provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

A. BIDDING REQUIREMENTS

1. Bid Date is being changed to Friday January 19th, 2018 at 1PM at 8550 Woodfield Crossing Blvd.

B. PROJECT MANUAL

1. See attached CSO write up ADD6 pages 1 through 2.

C. DRAWINGS

1. See attached CSO write up ADD6 pages 1 through 2.



CSO Architects

Addendum

ADDENDUM NO: 6

PROJECT: MSD of Washington Township Willow Lake Elementary School, Indianapolis, IN

CSO PROJECT NO: 17005

DATE: 01/11/17

BY: Laura Wagner

This Addendum is issued in accordance with the provisions of "The General Conditions of the Contract for Construction," Article 1, "Contract Documents" and becomes a part of the Contract Documents as provided therein. This Addendum includes:

Addendum No.6 page ADD6-1 through ADD6-2

PART 1 – BIDDING AND CONTRACT REQUIREMENTS

- 1.01 Question: I was going through the Plumbing Insulation Specs and wanted to make sure that a couple of things were true – 1. Domestic Cold Water does not get insulated. Specs only list Hot and Hot Recirculated Water.
- A. Response: Insert the following Item E. to Section 220719 Plumbing Insulation Paragraph 3.13. as follows:
- “E. Indoor Cold Water Pipe Insulation Schedule:
1. All Sizes shall be one of the following:
 - a. Flexible Elastomeric: ¾” Thick with ASJ
 - b. Mineral-Fiber, Preformed Pipe Insulation, Type 1: 1” thick with ASJ
- 1.02 Question: I was going through the Plumbing Insulation Specs and wanted to make sure that a couple of things were true – 2. Indoor Concealed Piping receives a PVC or Aluminum Jacket
- A. Response: Section 220719 Plumbing Insulation delete paragraph 3.14 Indoor, Field Applied Jacket Schedule.
- 1.03 Question: We've typically used ball valves for the VAV boxes and other terminal equipment on all Washington Twp projects in the past.
Section 23 09 00 2.7-F. Terminal Unit Control Valves: Bronze body, bronze trim, two- or three-port as indicated, replaceable plugs and seats, union and threaded ends.
Is it o.k. to use characterized ball valves as in the past, instead of globe valves on terminal equipment?
- A. Response: Ball valves are acceptable for terminal unit control valves.
- 1.04 Question: M703 indicates analog output signal for the VAV box valves. I will assume tristate/floating point/modulating is acceptable as has been used in past projects. Let me know if that is not the case.
- A. Response: Tristate / floating point / modulation is acceptable for VAV box control valves.
- 1.05 Question: M703 Valve position feedback on small VAV boxes, cab heaters, Radiant Ceiling Panels, etc. Typically this is a calculated value based output command and displayed on graphic. Typically not a hardwired input on this smaller equipment. If this extra input is wired, it

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increases cost, as we need to provide additional controllers due to higher point count. Typically we have a program that drives the valve full closed around midnight and then back to commanded position, so the tristate/floating point actuator is reset each day. Is the intent to hardwire a feedback position input for each of these small terminal valves, or just display the calculated position as in the past?

A. Response: Calculated value is acceptable for valve feedback on terminal units: VAV boxes, unit heaters, cabinet heaters, radiant panels, etc.

1.06 Question: To avoid potential tipping hazard, is it allowable to change door configuration on mobile casework MS2 to individual cubby doors (x8 doors total) in lieu of one door for two cubbies (x4 doors total)?

A. Response: Total of eight doors on MS2 is acceptable.

PART 2 – SPECIFICATIONS

2.01 SECTION 220719 – PLUMBING INSULATION

A. Paragraph 3.13 A.3 - Delete Polyolefin: ¾ inch thick

B. Paragraph 3.13.B.3 – Delete Polyolefin: 1 inch thick

C. Paragraph 3.13.C.3 – Delete Polyolefin: 1 inch thick

D. Paragraph 3.13.D.3 – Delete Polyolefin: 1/2 inch thick

PART 3 – DRAWINGS

3.02 SHEET S503WL – FRAMING SECTIONS

A. Add the following note to Sections 3 & 4/S503WL, “Add bond beams with (2) #6 at elevation +24'-0”, 23'-4” and 18'-8” at east and west side of the gym.”

END OF ADDENDUM