

January 24, 2020

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ADDENDUM NUMBER 2
TO THE DRAWINGS AND SPECIFICATIONS

PROJECT: McLean County Unit District No. 5 Kingsley Junior High School HVAC Renovation
and Geothermal

FOR: McLean Co. Unit District No. 5
1809 W. Hovey Ave.
Normal, IL 61761

A/E PROJECT NO: 23152318

ISSUE DATE: January 14, 2020

BID OPENING: Thursday, February 6, 2020, 1:30 p.m. prevailing time
Maintenance Office, 1999 Eagle Road, Normal, IL 61761

THIS ADDENDUM DOES NOT CHANGE THE BID DATE OR BID TIME.

Upon receipt of this ADDENDUM, insert same into the documents, which were issued to you. Hereafter, said ADDENDUM shall be as much a part of the said documents as though originally set forth therein. THIS ADDENDUM DOES NOT CHANGE THE BID DATE.

3. TO THE DRAWINGS, Sheet E1.3: Suspended Ceiling Electrical Work, Change number of fixtures for North/South corridor from 30 to 42. Change number of fixtures for East/West corridor from 7 to 10.
4. TO THE DRAWINGS, D1.1: Room 146 (a.k.a. H05/Chorus) and Room 1002 (a.k.a. H07/Band); Remove additional ceiling panels and grid shown on attached sheet. Rm 146 (H05) move 40 sq. ft. to 146B; Rm 146A add 46 sq. ft. removed; Practice 1005 add 28 sq. ft. removed; Rm 1002 add 176 sq. ft. removed; and H Corridor add 40 sq. ft. removed all for removal of obsolete piping and installation of new duct work.
5. TO THE DRAWINGS, D1.0: Rooms 152(012), 152A, 154, 154A, and 156: Not all ceiling tile will be removed in these four rooms. Partial removed as shown in attached drawing.
6. TO THE DRAWINGS, D1.0: Rooms 148H and 146: Additional ceiling tile will be removed: 146=28'x4'; 148F=32'x4' shown in attached drawing.
7. TO THE DRAWINGS, Sheet M1.1: Rooms 146, 146A, 148: Existing ductwork may be left in place as shown in attached drawing. Remove reheat coil and ceiling diffuser and return grill and replace with new 2x2 ceiling panels.

8. TO THE DRAWINGS, Sheet M1.1: In room 152 add 12' of fin tube base board heater, hot water supply, hot water return to be removed. This is included in area to be painted in #11 below.
9. TO THE SPECIFICATIONS, Section 07 6000: Sheet Metal Flashing and Trim, Paragraph 2.1.A paragraph 1 & 2. The aluminum shall be .040 in Sandstone color – not 0.40 and 0.40”
10. TO THE SPECIFICATIONS, Section 08 1008: Hollow Metal Work and Hardware, Revise paragraph 2.2, C.3:
 - a. Frames to be 16 ga factory reinforced for hardware on frame for two 3'0” x 7'0” doors and one frame for single 3'0”x 7'0” door.
 - b. Factory primed with anchors for cold rolled steel framing.
 - c. Provide removable mullion.
11. TO THE SPECIFICATIONS, Section 09 0000: Painting, Paragraph 1.1.A: Delete present paragraph 3 and substitute new wording as follows: There are approximately 227 ft.x16” of removed base board fin tube heating panels that will need to be cleaned, anchor holes patched, primed, and painted 2 coats acrylic alkyd finish (see 2.1.F)
12. TO THE SPECIFICATIONS, Section 09 5123: Acoustical Ceilings, Paragraph 2.1.6: Add the following:
 5. Color of grid system may be white where a complete room is replaced. Where a partial replacement occurs, the grid color must match existing color
13. TO THE SPECIFICATIONS, Section 28 3100: Fire Detection and Alarm: Reaffirming: This section is in as originally published. Call Doug Bear @ 309-229-2222.
14. TO THE SPECIFICATIONS, Section 23 2120: Sheet 1-5: The information contained here is now shown on M1-1 and M1-2. Section 23 2120 may be deleted.

Attachments: Addendum No. 2 HVAC Items

END ADDENDUM NO. 2

Addendum No. 2 HVAC Items:

Specification Section 230501: Paragraph 3.04 A. shall be changed to read as follows: "Clean all existing grilles and diffusers that are to remain for reuse."

Specification Section 238127: Paragraph 2.02 all controls are to be provided and field installed by Alpha Controls to meet the sequence of operation called out on drawing M3.3.

Specification Section 233700: Tuttle & Bailey is approved as a manufacturer for the air inlets and outlets.

All M drawings: General Note 8 shall be revised to read as follows: "Provide an 18 guage galvanized sheet metal enclosure around all new piping going to/from new units or loop piping where the piping is located 10' above the finished floor or lower to protect and cover the exposed piping. The sheet metal enclosures are not required to be painted as indicated on some heat pump details."

Drawing M1.3: Locate the thermostat for HP-147B in the center of the West wall of Kitchen 147B.

Drawing M1.4: Locate the thermostat for HP-1006 on the North wall of Multi-Purpose 1006 where the existing VAV box is shown to be removed on drawing M1.2.

Drawing M1.6: For the condenser water piping routed across the corridor to HP-5 eliminate keyed note 1 at this location and route the piping above the drop ceiling in the corridor.

Drawing M3.1: Melink Manifest pump station is approved as a pump station supplier to provide a skid mounted pump station to include the following items indicated on the flow diagram: • (2) 3 HP Armstrong Design Envelope Tango Split Coupled Pump with Parallel Sensorless Operation o Model: 4300 0205-003.0 • Air Separator • Automatic Air Eliminator • 6" Building Loop Supply/Return Connections • 6" Ground Loop Supply/Return Connections • 4" Flush and Purge Connections (Grooved) • Patented Ground Loop Bypass Valve • Suction Guide/Strainer • Pressure Relief Valve • Temperature Sensors • Water Make Up Train including Backflow Preventer, Water Meter & Pressure Regulating Valve.

Drawing M3.2: Condenser water piping connections indicated as pex piping on details 02 and 04 shall be installed as copper piping in accordanc with the piping material schedule on drawing M4.2.

Drawing M3.3: In the sequence of operation for the Water to Air Heat Pumps all thermostats/temperature sensors and bacnet controllers shall be provided and field installed by Alpha Controls.

Drawing M3.3: In the sequence of operation for the Energy Recovery Units all controls shall be provided and field installed by Alpha Controls.

Drawing M4.1: Twin City Fan is approved as a supplier for the exhaust fans.

Drawing M4.1: Indeco is approved as a supplier for electric heaters.

Drawing M4.2: AbsoluteAire is approved as a supplier for the direct gas fired make up air unit.

Drawing M4.2: In the Energy Recovery Unit Schedule the notes 1,2,3,6,7, and 8 apply to all ERU's.