OLSEN & PETERSON
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Addendum 1

To: Jared Cherry
Organization: Ogden School District
From: Paul Laird
Company: Olsen & Peterson Inc
Date: March 2, 2023

Project: Mound Fort Jr High School HVAC Replacement Project
Contract Documents Dated: February 2023
Addendum No: 1
Pages: 4

The following additions, modifications, deletions, clarifications and revisions to the Drawings and/or Specifications shall be considered part of the Contract Documents. Where required, acknowledge receipt of this addendum in the Bid Documents. Failure to acknowledge addenda in the Bid Documents may subject the Bidder to disqualification.

Drawings:

Drawing M404 (Attached)
Auditorium Fan Room Mechanical Plan
Replace the existing fan motors serving AHU-8 and AHU-9 with new VFD compatible motors (15 HP) each and new fan belts.
Provide new VFD's for the new 15 HP fan motors.
Added Note 9, 10 and 11 to Keyed Notes

Specifications:

None

Questions & Clarifications:

Question: Will you accept a controls contractor other than the one specified?
Response: No, Utah-Yamas Controls is the sole provider of controls for the Ogden School District BMS

Question: May we get the heating coil dimensions?
Response: The following represents the square footage of the existing heating coils as taken from the original building drawings. There is no information on specific coil sizes. It remains the responsibility of the contractor and their coil supplier to field measure the existing air handers and determine the allowable coil space available for the new heating hot water coils.

Heating Coil	Air Handler	Serves	Location	Existing Steam Coil Size (FT^2)
HC-1	AHU-1	Gymnasium	Mezz Mech Rm	22.3
HC-2	AHU-2	Shop Area	Mezz Mech Rm	22.3
HC-3	AHU-3	Offices/Admin	Mezz Mech Rm	6.97
HC-4	AHU-4	Classrooms	Mezz Mech Rm	22.3
HC-5	AHU-5	Classrooms	Mezz Mech Rm	22.3
HC-6	AHU-6	Kitchen	Boiler Room	4.81
HC-7	MAU-1	Kitchen	Boiler Room	13.0
HC-8	AHU-8	Auditorium	Auditorium Mech Rm	22.3

Question: Would you accept a York or Trane Chiller?
Response: Yes, Subject to the Contract Document Requirements, both York and Trane are listed as acceptable manufacturers in specification section 23 6426 Paragraph 2.2 U

Question: Would you accept a Lochinvar Boiler?
Response: No. Lochinvar is not an acceptable boiler manufacturer for this project.

Question: May we get the quantities, horsepower and voltage of all the motors in the air handlers that need to be replaced?
Response: The following represents the information as taken from the original building drawings. It remains the responsibility of the contractor and their motor supplier to determine the existing air hander motor sizes.

Air Handler	Serves	Location	Motor Size (HP)	Voltage
AHU-1	Gymnasium	Mezz Mech Rm	20.0	460/3/60
AHU-2	Shop Area	Mezz Mech Rm	20.0	460/3/60
AHU-3	Offices/Admin	Mezz Mech Rm	5.0	460/3/60
AHU-4	Classrooms	Mezz Mech Rm	15.0	460/3/60
AHU-5	Classrooms	Mezz Mech Rm	15.0	460/3/60
AHU-6	Kitchen	Boiler Room	3.0	460/3/60
MAU-1	Kitchen	Boiler Room	3.0	460/3/60
AHU-8	Auditorium	Auditorium Mech Rm	15.0	460/3/60
AHU-9	Home Econ	Auditorium Mech Rm	15.0	460/3/60

Question: Boiler room pad during the walk looked to be in good shape, are you wanting us to give a deduct in case you don't need it?
Response: If it is determined, after the boiler is removed, that the existing boiler pad is in good shape and re-usable as part of the new work; the Ogden School District would be open to a deduct.

Clarification: All accessible, existing steam and condensate piping in the boiler room and mechanical rooms shall be removed.
Steam and condensate piping located in the utility tunnels or above inaccessible ceiling spaces can be abandoned in place.

Additional Manufacturers:
Subject to the contract documents, the following manufacturers have submitted and received approval in name only to bid their respective equipment and/or materials for this project. This approval does not release the manufacturer, their supplier or their representative from full compliance with the project's contract documents. If items, hereafter submitted are non-compliant with the contract documents, the owner reserves the right to reject said items and insist upon and receive, at no additional cost, the equipment and/or materials as originally specified in the contract documents.

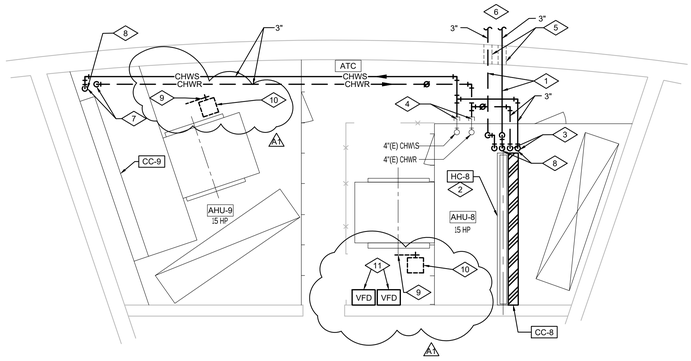
Manufacturer	Item(s)	Supplier
Dunham Bush	Roof Top Units	Intermountain Hydronic Specialties
Dunham Bush	Roof Top Units	Intermountain Hydronic Specialties
Patterson Pump Co	Pumps	Intermountain Hydronic Specialties
Patterson Pump Co	Air Separators	Intermountain Hydronic Specialties
Patterson Pump Co	Expansion Tanks	Intermountain Hydronic Specialties
Nationwide Coil	Heating Coils	Intermountain Hydronic Specialties
Nationwide Coil	Cooling Coils	Intermountain Hydronic Specialties
Beacon Morris	Unit Heaters	Intermountain Hydronic Specialties
Patterson Pump Co	Glycol Feed Unit	Intermountain Hydronic Specialties
Flex Weld	SS Flex Connectors	Intermountain Hydronic Specialties
Patterson	Triple Duty Valves	Intermountain Hydronic Specialties
Nibco	Check Valves	Intermountain Hydronic Specialties

Griswold	Y-Strainers	Intermountain Hydronic Specialties
Griswold	Balancing Valves	Intermountain Hydronic Specialties

Items submitted for consideration but not approved.

Manufacturer	**Item**	**Supplier**
Lochinvar	Boilers	Gritton & Associates
Klimor	Roof Top Units	Intermountain Hydronic Specialties
Futon	Condensing Boilers	Intermountain Hydronic Specialties
RBI	Condensing Boilers	Intermountain Hydronic Specialties
ATH	Condensing Boilers	Intermountain Hydronic Specialties
Sigma	Unit Heaters	Intermountain Hydronic Specialties
Polaris	P&F Heat Exchangers	Intermountain Hydronic Specialties
Franklin Controls	Variable Frequency Drives	Intermountain Hydronic Specialties

END OF ADDENDUM NO. 1



AUDITORIUM FAN ROOM MECHANICAL PLAN

SCALE: 1/4" = 1'-0"

N

REFERENCE NOTES

1. PIPING TO RUN HIGH CLOSE TO ROOF STRUCTURE. COORDINATE LOCATION OF PIPING WITH EXISTING MECHANICAL, PLUMBING, LIGHTING, AND ELECTRICAL TRADES. MAKE OFFSETS IN PIPING AS NEEDED TO FACILITATE INSTALLATION.
2. INSTALL NEW HEATING HOT WATER COIL IN EXISTING AIR HANDLER SERVING AUDITORIUM AREA. REFURBISH AIR HANDLER AS NEEDED TO ACCOMMODATE NEW COIL. FABRICATE COIL FRAME AS NEEDED FOR INSTALLATION.
3. EXTEND NEW CWS AND CWR PIPING TO EXISTING CHILLED WATER COIL AT AIR HANDLER SERVING AUDITORIUM AREA. MAKE ALL REQUIRED CONNECTIONS FOR A COMPLETE COOLING SYSTEM.
4. MAKE CONNECTION TO EXISTING CWS AND CWR PIPING IN THIS LOCATION. VERIFY THAT EXISTING PIPING IS CLEAN AND OPERATIONAL PRIOR TO CONNECTING TO NEW CHILLED WATER SYSTEM. NOTIFY OWNER OF ANY DISCREPANCIES.
5. EXTEND NEW HWS AND HWR PIPING THROUGH EXISTING WALL. CORE DRILL WALL OPENINGS AND EXTEND PIPING TO AIR HANDLER.
6. FOR CONTINUATION OF PIPING SEE DRAWING M101D
7. EXTEND NEW CWS AND CWR PIPING TO EXISTING CHILLED WATER COIL AT AIR HANDLER SERVING ART MUSIC AREA. MAKE ALL REQUIRED CONNECTIONS FOR A COMPLETE COOLING SYSTEM.
8. PROVIDE 3-WAY COIL CONTROL VALVES WITH BYPASS FOR EACH COOLING COIL AND HEATING HOT WATER COIL CONNECTION. SEE DETAIL 5/M603
9. INSTALL NEW FAN MOTOR BELTS. FAN BELTS TO BE SAME SIZE AND TYPE AS EXISTING.
10. INSTALL NEW SYNCHRONOUS 15 HP FAN MOTOR MATCHED WITH NEW VFD.
11. INSTALL FAN VFD'S ON WALL IN THIS LOCATION. CONNECT NEW FAN MOTORS TO NEW VFD. INTERLINK CONTROLS TO NEW DDC CONTROL SYSTEM.

A1 ADDENDUM 01 ISSUED 3-2-2023

OGDEN SCHOOL DISTRICT

REGISTERED PROFESSIONAL ENGINEER
174126
PAUL W. LAIRD
2/05/23
STATE OF UTAH

Project No. 22010
Date: FEB 2023
Drawn: STAFF
Checked: PWL

Sheet Title
AUDITORIUM FAN ROOM MECHANICAL PLAN

PROPOSED CONSTRUCTION FOR OGDEN SCHOOL DISTRICT:
MOUND FORT JUNIOR HIGH SCHOOL HVAC REPLACEMENT PROJECT
1400 Mound Fort Drive, Ogden, UT 84404

Project Title

OLSEN & PETERSON consulting engineers, inc.
14 East 2700 South, Salt Lake City, UT 84115
Phone: (801) 486-4646 Fax: (801) 487-2331

Sheet No.
M404