

ADDENDUM NO.1

March 12, 2018

PROJECT NAME: Century High School Boiler Replacement

The data included hereinafter is issued by the Engineer (Engineered Systems Associates, Inc. 1355 East Center St., Pocatello, ID 83201) as clarification, addition to, and/or deletion from the Drawings, Specifications, and Contract Documents relative to the above-named project.

Except as affected by data included hereinafter, all other parts of the Contract Documents shall remain in full force and effect as issued by the Engineer. It shall be the sole responsibility of the Bidder to appropriately disseminate this data to all concerned prior to the assigned bid time and date. Receipt of the addendum shall be recorded by the Bidder in the appropriate space on the Bid Form included in the Contract Documents.

Specifications:

1. See Attached list of Pre-Bid Walk-Thru Attendees.
2. Add the attached Specification 23 2123 Circulating Pumps and Accessories.
3. Section 23 5230,
  - a. Paragraph 2.9.3 - Unit shall be rated for 1340 GPM primary flow and 250 GPM Boiler Flow for the Heat Pump Loop and 700 GPM Primary Loop and 250 GPM Boiler Flow for the Hot Water Loop.
  - b. Paragraph 2.9.4 - Manufacturer shall be Spirotherm – Spirovent Quad. No Substitutions.

Drawings:

1. Sheet ME-2. Note⑧: Move existing heat exchange to exterior of building at Loading Dock. Owner will take it from there.
2. Sheet ME-2: Owner will provide Taps and Tees for Owner Provided Gages and Controls. To be installed in piping as directed by Owner.

Prior Approvals:

1. 23 0514 – Variable Frequency Drives, Yaskawa.
2. 23 5230 – Gas Boiler, The School desires to standardize with Laars Boilers as they have many of them thru-out the District. Please stay with Laars as specified under base bid. Fulton and Raypack may also provide alternate pricing to be evaluated by the School District. Include Alternate Equipment Form attached with your bid.

END OF ADDENDUM

Century High School Boiler Replacement

2-27-18 - Attendance Sheet

HARD COPY

Name	Company Name	Phone	E-Mail
Gene Bell	Upstream Plumbing	208-681-4169	Billman51@gmail.com
Howard BEINS	Rocky mtn. Boiler	529-8900	Howard b e <sup>Rocky Mountain</sup> Boiler.com
Ryan McMurtry	Rocky mtn Boiler	529-8900	ryanm@rockymountainboiler.com
Kyle Anderson	BIS Boiler & Mechanical Solutions	208-524-1737	kylebsboiler@questoffice.net
Eric Turner	Mechanical Solutions	208-760-7246	Eric @ MechSolutions.co
Jason Olson	Bingham Mechanical	208-522-4484	jasonolson@binghammechanical.com

## **SECTION 23 2123 – CIRCULATING PUMPS AND ACCESSORIES**

### **PART 1 - GENERAL**

#### 1.1 RELATED DOCUMENTS

- A. Drawings, General Provisions of Contract, including General and Supplementary Conditions and Section 22 0501 apply to this Section.

#### 1.2 SUMMARY

- A. Furnish and install circulating water pumps and accessories as described in the Contract Documents.

### **PART 2 - PRODUCTS**

#### 2.1 IN-LINE CIRCULATORS

- A. Iron fitted with ceramic seal, spring coupling, and 1750-rpm, drip-proof motor with overload protection.
- B. Substantially supported in piping with a full size leg to floor.
- C. Approved Manufacturers:
  - 1. Bell & Gossett
  - 2. Armstrong
  - 3. Grundfos
  - 4. Taco
  - 5. Wilo

### **PART 3 - EXECUTION**

#### 3.1 INSTALLATION

- A. Install equipment in accordance with manufacturers instructions.
- B. Align pump and motor shafts in accordance with manufacturers requirements before starting equipment. Provide report in the M&O manual regarding pump alignment.
- C. Remove start-up filter screen on suction diffuser after system has been cleaned and flushed. Leave main filter screen in place.

END OF SECTION 23 2123

ALTERNATE EQUIPMENT

PROPOSED SUBSTITUTE MATERIALS

The total sum of the Bidder's proposal shall include the furnishing and installing of all materials, equipment, and labor as called for in the contract documents as a base bid.

Hereafter give the total amount to be added or deducted for a complete installation of equipment or materials other than those specified and those approved by addendum are submitted for the Owner's consideration. All materials and equipment proposed for substitution shall be listed below and must meet the requirements of the contract documents. During the time of consideration of the proposals, complete information shall be submitted immediately to the Architect and Owner's Representative.

<u>Proposed Substitute</u>	<u>Manufacturer and Catalog Numbers</u>	<u>\$ Add</u>	<u>\$ Deduct</u>