

NOTICE

TO: All plan holders

DATE: June 29, 2020

FROM: Rebecca Andrus, PE
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SUBJECT: Addendum No. 1 to the Contract Documents for the PROCESS BLOWER
PROCUREMENT for the PROVO WATRR CENTER PHASE 1 2020
CONSTRUCTION

Transmitted herewith is ADDENDUM No. 1 to the contract documents for the above-mentioned project.

Notes:

1. The proposal date has been moved to Thursday July 2, 2020.
2. The Owner has contracted with Alder Construction Company as the Preconstruction Services Contractor.
3. Bearings shall be non-proprietary type according to Paragraph 2.4.A. of Section 43 11 15, Single Stage Centrifugal Air Blowers. Blower suppliers shall provide information on recommended non-proprietary bearing system used in their equipment. Blower suppliers may also provide information on proprietary type bearings for evaluation by the Owner. The Owner may opt to accept proprietary bearings at their discretion in making the determination on whether to accept the proposal alternate for the provision of the blowers.
4. The reduced voltage soft starters are to be provided by the Contractor along with the MCC equipment located inside the Blower Building.
5. Modifications to the Bid Specifications are provided on the following pages.

All bids submitted without the signed acknowledgment of this Addendum will be rejected.

ADDENDUM No. 1

PART 1 GENERAL

1.1 DOCUMENT INCLUDES

- A. Changes to the Bid Documents.

1.2 CONSTRUCTION CONTRACT

- A. PROCESS BLOWER PROCUREMENT for the PROVO WATRR CENTER PHASE 1 2020 CONSTRUCTION
- B. Date: June 29, 2020

PART 2 CHANGES

2.1 CHANGES TO PRIOR ADDENDA

- A. NONE

2.2 CHANGES TO BIDDING REQUIREMENTS

- A. Invitation for Proposals

- 1. Paragraph 8

Replace:

“will be received until 2:00p.m., local time, on **Thursday June 25th, 2020**”

With:

“will be received until 2:00p.m., local time, on **Thursday July 2nd, 2020.**”

2.3 CHANGES TO AGREEMENT AND OTHER CONTRACT FORMS

- A. Proposal Form for Procurement Contract

- 1. Article 2 - Paragraph 2.01.A.2.a.

Delete:

reduced voltage soft motor starters,

2.4 CHANGES TO CONDITIONS OF THE CONTRACT

- A. NONE

2.5 CHANGES TO SPECIFICATIONS

- A. Section 40 05 93, Medium Voltage Motors

- 1. Part 1 – Paragraph 1.1.B.1.

Replace:

- 1. Process Aeration Blowers: Motor shall be furnished by blower manufacturer as part their blower system package.

With:

1. Process Aeration Blowers: Motor shall be furnished by blower manufacturer as part their blower system package. The main motors for the blowers shall utilize reduced voltage soft motor starters which shall be supplied and installed by others. Coordination of motor parameters and protection shall be required by the blower and motor manufacturer.

2. Part 2 – Paragraph 2.2.P.1.

Replace:

1. Rotor cage bars and end rings shall be fabricated from copper or copper alloy. Bars shall be swaged and brazed in place on the end rings to tightly hold the rotor cage together, control internal stress and maintain dimension stability under all loads. Alum cage bars and end rings will not be accepted. Shafts shall be solid and made from carbon steel.

With:

1. Rotor cage bars and end rings shall be fabricated from either aluminum, aluminum alloy, copper, or copper alloy. Bars shall be secured in place on the end rings to tightly hold the rotor cage together, control internal stress and maintain dimension stability under all loads. Shafts shall be solid and made from carbon steel.

3. Part 2 – Paragraph 2.2.R.1.

Replace:

1. Sleeve bearings shall be ring-oiled with adequate, integral self-cooled oil reservoir. Bearing oil shall be food grade type oil. Bearing sleeves shall be lined with high tin content babbitt to minimize oil contamination. Close running shaft seals shall prevent oil leakage as well as prevent entrance of foreign material such as water and dirt into the bearing area. Provide oil level sight gauges with permanently-marked easily-discernible oil level. Sight gauges shall be transparent vertical tube indicators beside the bearing oil reservoir and shall be equal in height to the bearing oil reservoir. Provide inspection openings to observe the oil rings.

With:

1. Anti-friction bearings shall be ring-oiled with adequate, integral self-cooled oil reservoir. Bearing oil shall be food grade type oil. Bearing sleeves shall be lined with high tin content babbitt to minimize oil contamination. Close running shaft seals shall prevent oil leakage as well as prevent entrance of foreign material such as water and dirt into the bearing area. Provide oil level sight gauges with permanently-marked, easily-discernible oil level. Sight gauges shall be transparent vertical tube indicators beside the bearing oil reservoir and shall be equal in height to the bearing oil reservoir. Provide inspection openings to observe the oil rings.

4. Part 3 – Paragraph 3.2.B.1.

Replace:

1. Furnish services of motor manufacturer's qualified service representative to assist with installing motors, checking installed motors before initial operation, assisting in performing field quality control tests and inspections, observing and assisting initial operations, and training operations and maintenance personnel in caring for, operating, and maintaining motors. Training shall comply with Section 01 79 23, Instruction of Operations and Maintenance Personnel.

With:

1. Furnish services of motor manufacturer's qualified service representative to assist with installing motors, checking installed motors before initial operation, assisting in performing field quality control tests and inspections, observing and assisting initial operations, and training operations and maintenance personnel in caring for, operating, and maintaining motors. Training shall comply with Section 01 79 00, Testing, Training and Startup.

B. Section 43 11 15, Single Stage Centrifugal Air Blowers

1. Part 2 - Paragraph 2.19.E.

Add:

There will be one (1) main header pressure transmitter located in the common discharge header. This item will be provided by the Manufacturer and installed by the CONTRACTOR.

2. Part 2 - Paragraph 2.22.A

Replace:

One of each size main drive motor shall be given a standard, short commercial, non-witnessed test in accordance with IEEE test procedures. A certified motor data sheet shall be furnished for approval prior to shipment.

With:

Each main drive motor shall be tested as specified herein and as specified in Section 40 05 93 - Medium Voltage Motors.

PART 3 ACKNOWLEDGEMENT

3.1 Acknowledgement of receipt of this addendum is made in Paragraph 5.02 in Article 5 of the PROPOSAL FORM FOR PROCUREMENT CONTRACT.

3.2 All bids submitted without the signed acknowledgment of this Addendum will be rejected.

END OF ADDENDUM