

ADDENDUM NO. TWO

HAMMER RESERVOIR PUMP STATION

ELECTRICAL REPAIR

PROJECT NO. 21-144

CITY OF THORNTON, CO

TO: Prospective Bidders and all others concerned

DATE: November 23, 2021

PURPOSE: To provide additional information and clarification to the solicitation documents for the above-referenced Project.

1. The following shall Add to, Modify, and/or Delete portions of the Project Manual and Drawings for the Project-noted above.

A. The Project Manual shall be modified as follows:

i. Replace the first paragraph of the "INVITATION FOR BID PROPOSALS" with the following:

"Sealed Bid Proposals for Construction of the Hammer Reservoir Pump Station Electrical Repair, Project No. 21-144 will be received in the Contract Administration Office at the City of Thornton (Thornton) City Hall (2nd Floor), 9500 Civic Center Drive, **until 2:00 p.m., December 9, 2021.** At that time, Bids will be publically opened and read aloud."

2. The following questions and answers are provided for additional clarification to the Contract Documents.

Question 1: Page 5 of the project manual Item 1. And Page 20 of the project manual, Item 2.a includes a scope item titled "Replace faulty parts on valve 2030." The Schedule of Contract Pay Items and Prices on Page 39 does not include this item but does include replacement of the actuator on valve 2002. Based on my support efforts with Pete Brazell earlier this year, I know that the actuator on valve 2002 is destroyed. We did not however discuss valve 2030 which is inside the pump station on the east wall closest to the hydraulic power unit. Please clarify what scope of work if any is required for valve 2030.

Answer 1: The actuator for V2030 will need to be replaced and is addressed in this Addendum Two. Replace the entire actuator.

Question 2: Valve 2090 is currently oriented in the "A" position (see attached info provided to Pete Brezall) according to the record drawing C-27 Section 47. During a jobsite visit earlier this year with Pete and other COT employees, it was determined that leaving the valve in this position and installing the new actuator on a floor stand may create an unnecessary interference in the walkway. The conclusion to our discussion was that the valve should be rotated 90 degrees to position "B" where there is plenty of room for this equipment and for running the necessary conduits. Unfortunately I was out of town during the pre-bid meeting but after speaking with some of the contractors who were there, something was mentioned about the valve not needing to be moved. I just want to point out that this question should be reevaluated now because it could become an expensive change order if the decision is made after the bid. This decision makes no difference to Pipestone or the SIPOS actuator that we will provide. I'm just sharing knowledge.

Answer 2: The actuator for V2090 will need to be rotated 90 degrees from the current position to keep the walkway clear. This will require the valve in the wet well to be rotated.

Question 3: Also in the attached package is a description for a replacement 30" meter from Emerson/Rosemount. The bid docs include a quote on a Promag. Is the Promag the only acceptable meter or is the Rosemount also acceptable? I just want our scope to be clear for the contractors.

Answer 3: The existing 30" meter is an Endress Hauser (EH) Promag L400, with a flange to flange length of 29.5inches. The new meter can be either an EH meter W 400 which is 29.53 inches or a Rosemount 8750 which is 29.26 inches long. Also, the flow meter needs to be submersible so the existing cable from the flow tube to the flow transmitter on the PLC cabinet should be replaced. The flow transmitter located on the PLC Cabinet shall also be replaced.

3. Addendum Two Clarifications and Design Changes & Additions from Browns Hill Engineering & Controls is provided as an attachment to this Addendum Two (Under Separate Cover).
4. Additional Technical Specifications have been added to the Project and are attached to this Addendum Two (Under Separate Cover).
5. The Pre-Bid Conference Sign-In Sheet is attached to this Addendum Two (Under Separate Cover).

6. This Addendum becomes part of the Contract Documents. All other conditions and requirements of the Contract Documents will remain unchanged. Receipt of this Addendum must be acknowledged in the space provided on the Bid Proposal Form in the Project Manual.

END OF ADDENDUM NO. TWO

DocuSigned by:
Jim Jensen 11/23/2021
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Jim Jensen Date
Contracts Manager