

TOWN OF GILBERT

ADDENDUM NO. 4

TO BID DOCUMENTS FOR

Project Name: Reservoir, Pump Station and Well Conversion
CIP Project Number: WA0620
Contract Number: 319001048

June 12, 2019

This Addendum contains a total of 4 pages.

The following revisions to the Bid Documents and/or Drawings for the project shall become a part of the Contract Documents. Only these items are to be altered. The remainder of the original Bid Documents and/or Drawings maintains validity in their entirety. The Bidder shall acknowledge receipt of this Addendum on the Bid Form.

QUESTIONS AND ANSWERS

1. Sheet No. 10 Drawing C-06. 16" PW line states Existing on the drawing, but in keynote #3 says install 16" DIP Line. Which is correct?
ANSWER: Refer to KN #02, the 16" PW line is to be installed as new, from the connection to the TOG potable water system in Germann Rd to the Reservoir.
2. Sheet No. 10 Drawing C-06. Keynote 3 says install 12" Motor Control Butterfly Valve, Control Data Note 15 says 12" Gate Valve. Which is correct?
ANSWER: 12" Motor Control Butterfly Valve
3. Sheet No. 10 Drawing C-06 and S-02. Keynote 46 Points out Drain Cleanouts and references Drawing S-02. S-02 doesn't show the Keynote Cleanouts?
ANSWER: Sheet S-02 shows the location and number of Underdrain Cleanouts. Sheet TM-02 Detail Drawings P004 indicate the cleanout detail.
4. Specification Section 01 75 19 requires leak testing of the reservoir after completion of concrete work and prior to backfilling against the walls. However, sheet S-04 gives an allowable depth for backfill prior to placement of concrete roof.
Can you please confirm the requirements for the sequence of roof placement, backfill, and leak testing?
ANSWER: After completion of the reservoir base and wall concrete, the Contractor has the option to backfill up to the maximum allowable depth per Sheet S-04 and then place the concrete roof. Leak testing of the reservoir can occur at any time (at the Contractor's risk) after the placement of the reservoir base and walls. If leak testing is performed after backfilling, Inspection Piping must be installed at the applicable joint locations.

5. Request for clarification and information regarding Section 46_36_54 Calcium Hypochlorite Feed System. Please confirm:

- The units in the summary
- NSF requirements
- Variable flow requirements
- Flow control valve requirements
- Bypass valve requirements
- Solution Tank requirements
- Pump requirements
- Tablet System requirements
- Water supply connection requirements
- Optional weighing scale requirements

ANSWER: The dry Calcium Hypochlorite Feed Systems with FRP enclosures are to be bid as specified.

6. Section 46_36_54 Calcium Hypochlorite Feed System 2.03.K.3: How many injection points would be running at the same time?

ANSWER:

- At Reservoir 30 there are four (4) chemical injection quills located on the (1) 16-inch Header Pipe, (2) TOG 12-inch potable fill line, (3) Well 29 fill line, (4) Well 30 fill line. Depending on the operational scenario, the system can have 0-4 feed lines operating at any given time.
- At Well 30 there is one (1) chemical injection point on the Well 30 discharge piping. Depending on the operational scenario, the system can have 0-1 feed line operating at any given time

7. Please confirm that Owner takes responsibility for all pre-existing hazardous conditions and will indemnify Contractor for any liability arising out of those pre-existing hazardous conditions.

ANSWER: The provisions and responsibilities for pre-bid site investigation, familiarization with existing (pre-existing) conditions, indemnification, liability, and safety warranty for the CONTRACTOR are outlined in the "Construction Services Contract for a Design-Bid-Build Project", included as part of the CIP No. WA0620 contract documents provided on the RFP/CIP Open Bids page of the Town of Gilbert website.

8. Note 39 near E1 on C-06 describes a backflow preventer on the 16" PW line.

ANSWER: Please delete the 16" BFP in this location.

- A. Is this a 16" backflow preventer?

ANSWER: No

- B. Gilbert Detail Gil-350 is 2" and smaller. This would not apply to a 16" size.

ANSWER: No 16" backflow preventer required at this location.

- C. We will need a specific detail on C-06 showing this backflow preventer, piping connections, and the size. The backflow preventer needs to be drawn on the drawing. Currently there's only an arrow pointing to the 16" tee.
ANSWER: No 16" backflow preventer is required.
- D. Spec 40 05 52.2.02 only goes up to 10". We will need a spec. if this is 16"
ANSWER: No 16" backflow preventer required.
- E. The backflow preventer is not shown on the profiles.
ANSWER: Correct and should not be shown.
- F. Is note 39 a mistake?
ANSWER: No – KN #39 applies at the location noted on piping shown on the west side of Reservoir 30 south of the NWX stairwell.
9. There are several problems with the "Motorized Actuator Schedule" in Spec 40 05 57.
- A. For Backfill Spray Iso Valves 1,2,3. There's 2 each – 12", and 1 each – 8" on M-04. The quantities in the schedule in the spec are incorrect.
ANSWER: Correct, the schedule should call for two 12" valves and one 8".
- B. Note 46 on M-02 shows a 16" motorized butterfly valve. This is not listed in the schedule.
ANSWER: Correct, that valve should be included in the schedule.
- C. Drawing M-13, note 9 and 14, shows 2 each – 12", at the Well 30 site. But the schedule shows quantity of 1.
ANSWER: Correct, both should be included in the schedule.
10. Drawing C-16, note 4, shows a 12" pump discharge control valve. But this valve is not shown on M-13.
ANSWER: Sheet M-13 shows the correct valving.
11. Mueller is requesting clarification about the gate valve's lining in Spec 40 05 65.01 and 40 05 51.01. Mueller tells us the "Holiday Free with Testing" requirement in TS 40 05 51.01.2.02.C.1.e Quality Control, is very unusual in Arizona, and is a considerable cost adder. Can we waive the "Holiday Free with Testing" requirement?
ANSWER: C550 includes a section for holiday testing 'at the purchasers request' and has a short Appendix outlining how to carry it out. The Town of Gilbert does not require Holiday Testing as indicated in this TS.
12. Drawing C-16, note 4, describes a 12" pump discharge control valve. But there's no spec for this valve. We would expect this to be spec'd in 40 05 52, but it is not. Please provide a spec for this valve.
ANSWER: Sheet M-13 shows the correct valving.

13. Specification Section 01 45 00 Quality Control, paragraph 1.09 B states that Owner will employ and pay for Owner's independent testing firm to perform tests stipulated in Section 01 45 24 Special Tests and Inspections. Section 01 45 24 identifies all the periodic and continuous tests for concrete sampling during placing and compaction testing during backfill. Specification Section 03 30 00, paragraph 3.03-A.1 states that Owner will have tests made, while paragraph 3 states contractor is to hire an independent lab to make and deliver test cylinders. Specification Section 31 00 00 paragraph 3.04 states the contractor is to pay for confirmation tests. Furthermore, sheet C-02, note 13 on section Wastewater Collection and Treatment System General Notes and note 15 under Reclaimed Water System General Notes could be interpreted that contractor or owner will perform compaction tests.

For simplicity purposes, can you please confirm if the Owner or Contractor is to employ and pay for all compaction/density tests and concrete cylinder compressive strength tests?

ANSWER: Contractor is to employ and pay for all compaction/density tests and concrete cylinder compressive strength tests.

14. Does the owner have land to stockpile dirt for the time frame of the project?

ANSWER: Yes, please see previous Addenda.

15. On Drawing C-13:

A. Note 2 states: "Contractor to replace traffic signal and communication lines/loops in kind." Currently there is no traffic signal at this location. Is there one planned to be before the completion of this project?

ANSWER: No. No new traffic signal is planned before the scheduled completion of WA0620.

B. Is note 28 going to happen before completion of this project?

ANSWER: No, not according to the current information provided.

16. Are the basins' slopes to be lined on all sides, top to bottom, for both reservoir site and well 30 sites? See C-05 note 16, C-13 note 29, C-15 (no callout).

ANSWER: Both the Reservoir 30 and Well 30 PTW Basins side slopes are to be lined per KN #16 on Sheet C-05.

Bidders shall acknowledge receipt of Addendum No. 4 on the Bid Form.
Failure to do so will result in the Bid being declared non-responsive.

End of Addendum No. 4

