

ADDENDUM #5

PROJECT: Sunset Mesa Water Tank and Pump Station Project
BID NO: 20-005
FROM: Scott Murphy
DATE: July 29, 2020



Questions and Answers

1. *Could you provide clarification on seismic importance factor and Seismic Use Group?*
Answer: In Section 331625 – STEEL GROUND STORAGE TANK, under 1.5 DESIGN REQUIREMENTS, paragraph A.36., replace the sentence “The seismic importance factor is 1.25 (Seismic Use Group III) per Section 13.2, Table 24.” with “The seismic importance factor is 1.25 (Seismic Use Group II).”
2. *Power riser drawing E1.3 shows disconnect “UDS”, shouldn’t it be a 3 phase 600V fused HD service rated disconnect?*
Answer: Change to fusible safety switch is not required at this time. The non-fusible switch is part of DMEA written policy for providing service.
3. *Is it the intention that excavated material meeting the gradations called for in the specifications are suitable for structure and pipeline backfill?*
Answer: If excavated material meets the specifications for structure and pipeline backfill it may be re-used for this purpose.
4. *Is it acceptable to waste excess excavated material on site or is export anticipated?*
Answer: Under Section 02220 – STRUCTURE EXCAVATION, FILLS, AND EMBANKMENTS, paragraph 3.7. EXCESS MATERIAL, change paragraph A. to read, “A. Stockpile excess excavated material not suitable or not required for the work at the Owners site as directed by the Owner.” Excess material may be disposed of in the City’s gravel pit immediately east of the work area at a location specified by the City.
5. *Is construction water available for the Contractor to use at the site?*
Answer: Yes. The City will provide a hydrant meter for use on the project with no monthly service charge. However, contractor will be responsible for payment of construction water usage at \$1.74/1,000 gallons. Water used to fill the tank for disinfection and hydrotest will come directly off the system and will not be metered for payment.
6. *Is the Owner paying for materials testing compaction/concrete or does the Contractor include it in their bid?*
Answer: Include cost in Contractor’s bid, see Section 01400 – QUALITY CONTROL, paragraph 1.2.A., and Section 01410 – MATERIAL TESTING LABORATORY SERVICES .
7. *Is the Owner supplying control points and bench marks, and the Contractor responsible for all surveying after that?*
Answer: Yes, see Section 01400 – QUALITY CONTROL.

8. *Does the pipe encasement detail 2 on sheet S6.2 also apply for the 4" SCH 80 PVC floor drain lines under the pump station lower floor slab?*

Answer: Yes.

9. *Please confirm the Owner is providing water to disinfect the water tank. Please confirm the Owner will handle disposal of the testing water.*

Answer: The Owner will provide water to disinfect/fill the water tank at no charge. The preferred method of the City would be that the tank is washed clean, disinfected, and the residual chlorine concentration at the end of disinfection is below the MCL and suitable for use in the water system. If this is not the case or if bacterial tests fail driving the need to drain the tank, this water may be discharged into the existing tank for use to irrigate the Sunset Mesa baseball fields. This may require dechlorination efforts by the contractor as necessary to bring the chlorine concentration below the MCL.

10. *Provide clarification regarding wind speed and seismic load factor under Item 2. Loads in GENERAL STRUCTURAL NOTES on Sheet S0.1.*

Answer: On Sheet S0.1, under GENERAL STRUCTURAL NOTES, change "2. Loads" to "2. Loads for Building. See Specification Section 331625 – STEEL GROUND STORAGE TANK, for design loads for standpipe and corresponding foundation."

11. *Provide clarification on weir box.*

Answer: Change note 5. On detail 1 of Sheet Q4.1 to read "5. OVERFLOW WEIR BOX SHALL BE WELDED TO INSIDE OF TANK AND EXTEND 4 FEET INSIDE OF TANK. DIMENSIONS FOR TOP OF WEIR IS 48" OUT FROM TANK, 48" PARALLEL TO TANK, AND 48" BACK TO TANK. ELEVATION OF TOP OF WEIR IS 6102.00. BOTTOM OF WEIR BOX = 6095.60."

12. *Provide clarification on the use of Section 14 of AWWA for the standpipe.*

Answer: The specifications note that Section 14 of AWWA is not applicable for the base bid design, however a standpipe design in accordance with Section 14 of AWWA may be submitted as a bid alternate.

Acknowledgement in Receipt of Addendum

FIRM NAME: _____

BY:(Printed) _____

BY:(Signature) _____ TITLE: _____

Note: A signed acknowledgement in receipt of this addendum **MUST** be included with your bid proposal.