

LAS VIRGENES MUNICIPAL WATER DISTRICT

ADDENDUM NO. 3

December 5, 2013

The following clarifications, revisions, additions, or deletions shall be made part of the Contract Documents:

CONSTRUCTION DRAWINGS

1. Replace Item 3 of Addendum No. 2 (DRAWING S-02) with the following:

SLURRY AND CONCRETE PLACEMENT UNDER FLOOR OF RESERVOIR

1. CONCRETE FILL SHALL BE CLASS B PER SPECIFICATION SECTION 030500. SLURRY FILL SHALL BE TWO SACK SLURRY CEMENT. FLY ASH WILL BE ALLOWED IN SLURRY OR FILL CONCRETE.
 2. IN AREAS OF CONCRETE FILL, THE CONCRETE MIX SHALL HAVE AN AGGREGATE SIZE NO. 57 PER ASTM C33.
 3. CONCRETE AND SLURRY FILL SHALL BE WATER CURED FOR FOUR DAYS.
 4. CRACKS IN CONCRETE FILL GREATER THAN 0.025 INCH SHALL BE STIFF BROOM FILLED WITH CEMENT SLURRY.
 5. THE FINISH SURFACE OF SLURRY OR CONCRETE FILL AND BETWEEN LAYERS OF CONCRETE FILL SHALL HAVE A ROUGH SURFACE AMPLITUDE OF NOT LESS THAN 0.25 INCH OR A ROUGH RAKE FINISH.
2. Replace the following note from Cross Section A on Drawing S-02 for cut areas of the tank excavation:

EXCAVATED ROCK SURFACE AMPLITUDE = +/- 6"

And replace with the following note:

EXCAVATED ROCK SURFACE PEAKS MAY HAVE AN AMPLITUDE OF +2" INTO DRAIN MATERIAL (PDM). EXPOSED ROCK SURFACE VALLEYS -2" TO -8" BELOW "PDM" TO BE FILLED WITH SLURRY CEMENT. EXPOSED ROCK SURFACES MORE THAN -8" BELOW "PDM" TO BE FILLED WITH CLASS B CONCRETE TO BOTTOM OF "PDM".

3. Add the following note to detail C, Drawing CD-08

The Casing Spacer runner material shall be Ultra High Molecular Weight Material

NOTICE INVITING SEALED PROPOSALS (BIDS)

4. SECTION 24. TIME FOR COMPLETION, Part (a)
Revise the completion time from 420 Calendar Days to 480 Calendar Days

INSURANCE INDEMNIFICATION AND BONDS, SECTION 22 PAYMENT BOND

5. Revise the second sentence of part (a) to read as follows:
The payment bond shall be in the sum of one hundred percent of the contract price.

INSURANCE INDEMNIFICATION AND BONDS, SECTION 23 PERFORMANCE BOND

6. Revise the second sentence of part (a) to read as follows:
The performance bond shall be in the sum of one hundred percent of the contract price.

SPECIFICATIONS

7. Add the following section to Specification Section 015100 CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS:

Provide temporary portable noise barriers to block the line of sight from work activities and construction noise with a minimum height of 10 feet and length of 100'. The noise barrier must be constructed of material with a minimum weight of 4 pounds per square foot, with no gaps or perforations and shall be adjustable to suit the working conditions. The outside color of the barrier shall be tan. Noise barriers may be constructed of, but not limited to 5/8-inch plywood with noise attenuation blankets or hay bales. The barrier shall be capable of achieving a 5-13 dBA reduction at the source. The noise barrier shall be moved throughout the jobsite where construction activities are performed.
8. Add the following section to Specification Section 312300
2.12 CONCRETE FILL AND SLURRY BENEATH 5 MG TANK

Concrete for fill areas shall be Class B concrete as shown in Specification Section 030500. Slurry fill areas shall be a two – sack slurry.
9. Remove the following sentences from Specification Section 312300, Part 3.06.E PREPARATION OF FOUNDATION SUBGRADE – GENERAL, last paragraph

Lean concrete or concrete slurry shall be placed as backfill beneath the tank and extending up from the excavated rock surface in cut areas. 4,000 psi concrete shall be placed beneath the tank and extending up from the excavated rock surface in areas to receive fill.
10. Replace Specification Section 312300, Part 3.07 PREPARATION OF SUBGRADE FOR TANKS with the following:
 - a) Excavation for the tank subgrade shall be carried down to bedrock. Exposed rock peaks shall not extend more than two inches into the Permeable Drain Material (PDM) except where the 30- mil PVC liner is placed around the perimeter footing and drain. Where the liner is required, the subgrade shall be at pad elevation and filled per Drawing S-02.
 - b) Prior to placing CSF or concrete fill, all loose exposed rock shall be removed by sweeping or air vacuum.
 - c) Placement of concrete fill shall not exceed 24 inches in one lift.

- d) Rock excavation to the base of PDM shall extend 6 feet beyond the edge of tank slab.
- e) Place 12 inches PDM over rock/CSF or concrete fill in two layers and compact to 95% relative density.

REQUESTS FOR INFORMATION (RFIs)

11. Description of Request: Addendum 2 does not address the following:

Appendix D was emphasized at the pre-bid but we have not received it yet, will it be issued before the bid date? LD's are not clarified as to what the TOTAL cost would be, could you specify the amount? Will a change order be issued for road damage if it is determined to be damaged by the owner?

Response – The owner is waiting for the approval letter from DSOD, it will be sent to Contractor's bidding the project once received. Liquidated damages are defined in Section 24, Time for Completion part (a). If the owner were to cause damage to onsite road or parking areas, then the owner would either get a price from the Contractor to repair this work or have the work performed by another Contractor.

12. Description of Request: What sequence of installing the 36" pipe inside the 42" will not damage the lining? If the Engineer knows how please explain. We don't see how it can be done.

Response – The owner's representative will check the lining thickness of the 42" casing to verify it meets the approved specification prior to installation. A clarification to the type of casing spacer required is included in the above revision to drawing CD-08. If this casing spacer is used, it should reduce the potential for damage to the casing lining.

13. Description of Request: We have prepared a schedule for this bid; we believe we need an additional 120 days. If we knew that the LDs are only going to be \$1500/ day then we could include \$180,000 in our bid to cover cost. But we have no idea what other cost we may have to include in our bid to cover damages. What does the \$1,500/ day LDs cover? The second paragraph covers any and all cost the owner may incur, but does not explain what the \$1,500 would cover.

Response – The completion time was increased per revision to Section 24, Time for Completion. Liquidated Damages are defined in Section 24. The \$1,500/Calendar day is on top of the ascertainable costs as defined in Section 24, Time for Completion, item (ii).

14. Description of Request: Concerning the Design Build requirement for the tank. What are we allowed to change from the contact drawings? Can we change the wall footing depth, wall thickness, slab thickness, Deck thickness, column diameter, construction joint locations? We understand we need to meet criteria established in AWWA D110.

Response – The floor slab thickness, shotcrete cover, height and elevation of wall footing cannot change. Other design elements will be per the Contractor's design and are subject to review by the owners Engineer and compliance with the approved Contract Documents. The DSOD may also require review of any changes to the proposed tank design that deviate from the bid documents.

15. Description of Request: Addendum #2, Item 13. Please clarify the LD and other damages.
Response – Liquidated Damages are defined in Section 24, Time for Completion, Item (i).
16. Description of Request: Addendum #2, Item 22. The answer referring to item 1 is not relevant to the question.
Response – See revised Earthwork Specification Section 312300 and clarification to Drawings S-02.
17. Description of Request: Addendum #2, Item 24. Based on our experience of building concrete tanks, the 420 Calendar Days is not sufficient. We need at least an additional 4 to 6 months
Response – The completion time was increased per the revision to Section 24, Time for Completion.
18. Description of Request: Addendum #2, Item 26. The answer referring to item 1 is not relevant to the question.
Response – See revised Earthwork Specification Section 312300 and clarification to Drawings S-02.
19. Description of Request: Addendum #2, Item 27. . The answer referring to item 1 is not relevant to the question.
Response – See revised Earthwork Specification Section 312300 and clarification to Drawings S-02.
20. Description of Request: Addendum #2, Item 28. The answer referring to item 1 is not relevant to the question.
Response – See revised Earthwork Specification Section 312300 and clarification to Drawings S-02.
21. Description of Request: Addendum #2, Item 29. Do you want the entire visual berm fill to have a size of 6” material or do you want just to have the outside face of the visual berm say 3’ thick to receive the 6” size material?
Response – The material used to construct the entire visual berm shall comply with the 6” max size as stated in Earthwork Specification Section 312300, Part 3.13.A.2. Note Landscape Sheet 48 of 52, where a 6” to 8” blanket of compost is called out.



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