

THREE VALLEYS MUNICIPAL WATER DISTRICT

ADDENDUM NO. 2

MIRAGRAND WELL EQUIPPING PROJECT (PROJECT NO. 58463)

May 19, 2021

In accordance with Instructions to Bidders, we hereby issue Addendum No. 2, as indicated by the attached sheets.

Acknowledge receipt of this Addendum by signing and inserting its number and date on the Bid/Proposal Letter of the IFB Documents.

This addendum forms a part of the Contract Documents and, with respect to the Contract Documents, this Addendum shall govern. The effort/cost of work included or excluded by this addendum shall be reflected in the Bidder's Sealed Bid.

A. SUMMARY

The purpose of this addendum is to provide the following items:

- 1) Responses to Bidder questions.
- 2) Notification of an increase contract time to complete the work. The Contractor will have a total of **300 calendar days to complete the work from issuance of Notice to Proceed.**
- 3) Revised Sheet E-4 showing the most recent layout of the Southern California Edison design for their installation of the transformer is provided to allow better estimation of material for conduit runs.
 - a. See attached revised Sheet E-4
- 4) A listing of acceptable well pump and motor manufacturers.
- 5) Provide record information of the existing below grade piping to which the proposed project piping will connect.
- 6) Provide revised sheets based on responses to bidder question listed in this Addendum2. Sheets include the following:
 - a. C-3
 - b. M-1
 - c. M-2
 - d. M-5
 - e. HVAC-1

BIDDER QUESTIONS AND ANSWERS:

Question 1:

- Drawing M-2 on the spool just downstream of the dismantling joint depicts multiple outlets. However only one note is present (#39) please confirm there is only one outlet on this spool.

Answer 1:

Please see construction note 35 which directs the contractor provide and install a pressure switch and a gage, which are depicted on the spool piece between the dismantling joint and the check valve.

Question 2:

- Refer to Sheet M-1. There are several dimensions that are detailed differently than what they scale on paper. For Example, the buried discharge line dimension is detailed as 27'-2" but scales as 36'-0" Please confirm all dimensions on this sheet.

Answer 2:

The bidder's scaling of the piping section is accurate at 36'-0" and the sheet detail stating 27'-2" is incorrect. A revised sheet M1 is included with Addendum-2 showing the dimension as 36'-0".

Question 3:

- The finish floor elevation on sheet C-5 states 1585.65 but the elevation shown on Sheet M-2 is 1584.65 and 1584.45 please confirm which is correct.

Answer 3:

Sheet C-5 FF elevation of 1585.65 is correct. A revised Sheet M-2 is included with Addendum-2 showing FF elevations of 1585.65.

Question 4:

- If finish floor elevation is 1585.63 along the edge of building. The footing detail on S-7 shows a depth of 3'-0". Based on detail 1 sheet M-2 the minimum invert elevation of the 8-inch discharge piping would be 1581.30 however sheet M-1 calls for 1582.38. Please confirm invert elevation. Also, please provide as-built 12-inch tie in elevation.

Answer 4:

Per response to Question 3, the FF elevation is to be 1585.65. The 8-inch discharge piping is to have 12 inches of clearance below the 3-foot-deep footer shown on sheet S-7. A revised Sheet M-2 is included with Addendum-2 showing the piping invert to be 1580.98. Record information on the existing waterline for connection is included with Addendum 2.

Question 5:

- Please confirm if the 1-inch prelude line is to run under the building.

Answer 5:

The 1-inch prelude line is to run below grade.

Question 6:

- There is a detail for a 4-inch cleanout, but the locations are not shown on the drawings. please advise on quantity and locations.

Answer 6:

The 4-inch cleanout is not required for the project. A revised Sheet M-5 is included with Addendum 2 striking out the 4-inch cleanout detail.

Question 7:

Sheet E-8 indicates there is a flow switch FS-100, FS-101, and Temperature Switch TS-100 which are not shown on the mechanical drawings. Please indicate where these are to be installed on the mechanical drawings. Also, for the temperature switch please provide mounting installation.

Answer 7:

FS-100 and FS-101 are drain line discharge and the prelube solenoid, respectively. The temperature switch TS-100 will connect to the well pump motor windings. Please refer to Sheet I-2.

Question 8:

- Detail 1 on sheet M-5 details a solenoid valve on the backflow preventer. Review of the electrical drawings does not indicate any integration into the logic. Please clarify if the solenoid valve is required at the backflow preventer.

Answer 8:

No solenoid is required for the backflow preventer. A revised Sheet M-5 has been included with Addendum 2 removing the solenoid requirement.

Question 9:

- Please indicate if the guardshack RPP Cover is to be powder coated or SS.

Answer 9:

The guardshack RPP cover is to powder coated.

Question 10:

- For the 2-inch water service and service box shown as note #55. Does the service stop in the box or is it to be used for a hose bib?

Answer 10:

The size of the new water service is 1.5" not 2". The service is to stop in the box, no hose bib is required.

Question 11:

- Refer to sheet M-1 note 41. There are 1-inch pvc conduits indicated stubbing up in the storage room. Are these for future chemical injection? There is also a cabinet depicted but we are not able to determine what the item is. Please confirm if these conduits are future and what the cabinet is.

Answer 11:

Yes, the 1-inch PVC conduits are for a potential future chemical system. The cabinets described in the bidder's question are future, however we have removed them in the drawing for clarity. Please see revised Sheet M-1 included with Addendum-2.

Question 12:

- Sheet G-4 details an orifice plate. Please provide details of the orifice plate.

Answer 12:

Sheet C-3 has been revised and included in Addendum-2 to provide requirements for the orifice plate, see construction note 30.

Question 13:

- We are requesting additional days for this project. We feel that the 250 calendar days is insufficient to construct this contract and we are suggesting an additional 30 calendar days which would make this contract 280 calendar days or 40 weeks to build.

Answer 13:

The District has decided to add additional calendar days to make this contract a total of 300 calendar days to build.

Question 14:

- In section 04 05 00-1, the specifications discuss a water proofing agent to be applied to the block units, but the block units will be perforated by the anchors on 3 walls, does the agency want both a waterproofing and a sealer? Does the sealer apply to the veneered walls and the waterproofing goes on the west elevation wall, see A-4?

Answer 14:

Waterproofing to be located on the interior face of south, east, and west walls only. Interior waterproofing is to prevent water splashing from entering wall assembly.

Question 15:

- Also, on page 554 of the pdf specs, section 044311-19, it references a lath and plaster and a scratch coat, is this for the West Wall only?

Answer 15:

Lath, plaster, and scratch coat are applicable to all areas of building and fencing with fieldstone veneer. See Details 4 on Sheet S-9 and C-4.

Question 16:

- Additionally, the CMU block is to be Split Face only where the block is exposed whereas, all the remainder of the walls are fully covered in Veneer as well as the 2 Pilaster/Columns at the entrance which would mean that Split Face Block is not needed on 3 sides of the walls and not needed at the Pilasters/Columns. So standard grey precision 8 x 8 x16's on the veneered walls and Split on the west wall. Maybe the intent is to scratch coat the west wall along with a water proofing and the other 3 walls get the sealer.

Answer 16:

See responses to Questions 14 and 15.

Question 17:

- I see two exhaust fans but there are four thermostats, the details are confusing as it states the exhaust fans 2 and 3 are to turn on at 95 degrees.

Answer 17:

Sheet HVAC-1 has been revised and included with Addendum-2 showing the required number and locations of thermostats.

Question 18:

- And the ductless split system has the same model # for the air handler and condenser.

Answer 18:

Correct, the model specified includes both the air handler and condenser.

Question 19:

- Do the coils get coated?

Answer 19:

Yes. Cooling coils shall have Heresite P-413 or Blygold Polual XT coating for chemical corrosion.

Question 20:

- Is the thermostat hard wired or wireless?

Answer 20:

Thermostats are to be hard wired. Please refer to Specification 26 05 33 Part 3.1D

Question 21:

The roof hatch is called out to be both aluminum and stainless steel.

The hatches are typically aluminum with stainless hardware, will you please clarify as the plans differ from the specs.

A-6 of the plans, detail 1-A-4, elevation drawing and page 575 of the specs, see 2.04 A for reference.

Answer 21:

The roof hatch shall be aluminum with all stainless-steel hardware.

Question 22:

In the Well Building, shown on A-3 in the mechanical and pump room, there are sound blankets.

But in the FRP Marlite section of the specs, page 652, there is also Marlite Panels.

Do the CMU walls receive FRP Panels in all 3 rooms or just the Storage and Electrical Rooms?

After further review, the sound blankets appear to be applied to the ceiling but what happens with the drop ceiling? Are we installing both sound blankets and a drop ceiling?

And then again, where does the Marlite go on the CMU walls on the interior of the building.

Do the Marlite panels get installed behind the Acoustical Metal Wall Panels, this is unclear to us.

Answer 22:

The marlite is for the interior stud wall on the pumproom side only, not on the CMU walls. The acoustical blanket is for the ceiling, the acoustical metal panels are on all pumproom walls. All acoustic is an optional/separate bid item.

Question 23:

The term “trusses” appears in the specs 6 times.

On plan sheet S-5, detail 1 also points out trusses but on the same detail under Truss Joist Notes (to be verified by vendor).

Is this building receiving Trusses or Joists?

Answer 23:

Where Truss is called in Plan represent Truss Joist and see Truss Joist notes 1 - Truss Joist Type 50LH Double Pitch underslung with 4:12 slope Vulcraft or Approved equal. Sheet S-1 provide Truss load for design, See note 1 PRE-ENGINEERED TRUSS LOAD.”

ADDENDUM NO. 2 ACKNOWLEDGEMENT

Bidder hereby acknowledges receipt of Addendum No. 2 and the incorporation thereof in Bid Proposal for Miragrand Well Equipping Project No. 58463.

Bidder: _____

By: _____
(Bidder’s Authorized Representative)

Date: _____

Title: _____