



Tender No. 24-015

Aquifer Storage and Recovery – Trial Phase Construction

Addendum 2

(4 pages)

Issued: March 4, 2024

Closing Date & Time: on or before 3:00 PM Pacific Time on March 7, 2024

This addendum shall be read in conjunction with and considered as an integral part of the Request for Tender. Revisions supersede the information contained in the original Tender or previously issued Addendum. No consideration will be allowed for any extras due to any Vendor not being familiar with the contents of this Addendum. All other terms and conditions remain the same.

Tender Addendum:

1. SPECIFICATIONS

SECTION 01010 – GENERAL REQUIREMENTS

1.7 Timing of the Work

Delete Article 1.7.4 in its entirety.

2. DRAWINGS

Drawing 2283-02

Component List Item 7: Replace “75 mm dia.” with “100 mm dia.”

Bidder Questions & Answers

Question 1: With this being an RDN capital project will there be any bird studies, permitting or any additional work to be completed by the contractor for removing the trees? If so, could the RDN please complete this scope of work? If not, could you please advise what is required by the contractor?

Answer 1: No bird studies, permitting or additional work is required for removing the trees. There will likely be two trees along the watermain trench, and those trees will need to be removed.

Question 2: Sorry I didn't know about this project in time to be able to make the information session on February 21st. Are you able to provide the information discussed that would affect the pricing of the work?

Answer 2: All responses to questions are published through the addenda.

Question 3: What is the anticipated award date?

Answer 3: The Notice of Intent to Award letter can be sent within 1-2 weeks of tender closing or as soon as possible. Please note that this is not a binding timeline.

Question 4: What is the assumed shop drawing review turnaround?

Answer 4: The shop drawing review turnaround should be less than 1 week or as reasonable as possible considering RDN will be supplying all the major parts.

Question 5: Will shop drawings be reviewed and returned prior to the notice to proceed?

Answer 5: If the contractor submits the shop drawing right after receiving the Notice of Intent to Award letter, RDN will be willing to review the shop drawing. However, any work that the contractor does before a contract agreement is executed will be at contractor's full risk. In the event that a contract agreement is not reached between RDN and intended awarding contractor, RDN will not be obligated to make any payment for any work that contractor does before a contract agreement is signed.

Question 6: How long will it take for the owner's electrician to complete their scope?

Answer 6: At this time, it's not possible to provide an exact timeline for the electrician's works. However, electrician's works should not affect this contractor's work, timeline, or early completion incentive.

Question 7: How long will it take for the commissioning agent (PRV and Electrical) to complete their work?

Answer 7: PRV supplier will need 3 weeks of notice to attend commissioning. Any delay on the completion by the electrician or PRV commissioning agent will not be considered as delay in regard to the early completion incentive.

Question 8: Will the \$500 early completion incentive turn into a credit to the contract after the \$10,000 incentive is used up?

Answer 8: No, the early completion incentive will not turn into a credit after the \$10,000 incentive is completely forfeited. The minimum dollar amount for the early completion incentive is zero dollars. The project completion deadline is August 30, 2024, as per the tender.

Question 9: Will the electrical contractor be responsible to supply and place the electrical conduit?

Answer 9: No, supply and installation of the electrical conduit is this contractor's responsibility, as per the tender.

Question 10: Will the owner or contractor be responsible for completing the on-site survey?

Answer 10: The contractor will be responsible for the on-site survey.

Question 11: Article 54 - Can the 5% warranty holdback be waived for this project as the majority of the items that could be under warranty are owner supplied?

Answer 11: No. The warranty covers the workmanship of all installed parts and components and the materials supplied by the contractor.

Question 12: Item 1.7.4 - Could you please provide more information of what is required for the bypass system?

Answer 12: A bypass system is not required for this project. This is addressed through addendum 2.

Question 13: Is the environmental management plan required to be completed by a registered professional?

Answer 13: Considering the smaller size of this project, the environmental management plan is not required to be completed by a Registered Professional. However, the Environmental Management Plan needs to be prepared and submitted to RDN for review, prior to commencing construction, in accordance with Article 34 – Instructions to Tenderers, and Section 01010 and 01330 of the tender document.

Question 14: Item 1.8.12 - Will the shop drawings require the seal of a Professional Engineer?

Answer 14: Given the components involved in the project, seal by a Professional Engineer will not be required for the shop drawing submissions.

Question 15: Please confirm if the material in the trench lines are to be native or imported backfill material.

Answer 15: Trench backfill can be native material provided it meets the requirements noted in Section 02030 – 2.3. Import material is required in the trenches located beneath the concrete slab.

Question 16: Section 03010 item 2.1.1 - Will the Engineer require the contractor to complete concrete testing?

Answer 16: Testing is required for the concrete slab. Testing is to include at a minimum:

- Slump
- Air entrainment
- Destructive compressive strength testing at the 7 and 28 day mark. Two sets of destructive testing are required.

Question 17: Are the pipe stands to be galvanized or stainless steel?

Answer 17: The pipe stands are to be galvanized.

Question 18: Please confirm the existing pipe work that is to be reused is square, not brittle or sun-bleached causing issues with glue joints or installation of threaded joints.

Answer 18: Photos of the components have been provided in the appendix of the contract documents. As noted in the invitation to tender, the Tenderer can contact the RDN directly for access to view the components for re-use. A cash allowance has been included in the Tender Form for the supply of new piping and fittings if replacement or modification of the Owner supplied pipe spools are required.

Question 19: Drawing 2283-02 - Section B - Where does the piping change from 100 mm to 75 mm?

Answer 19: The existing pipe spools include a reducing bushing on the 90 deg bend to transition from the vertical 100 mm dia. piping to the horizontal 75 mm dia. piping.

Question 20: Drawing 2283-02 - Kiosk and Chamber Mechanical Plan - Where does the 50 sch 80 pvc and 75 sch 80 pvc connect to on either end? What elevation do they run at? Are they acting as a conduit requiring long sweep 90's or are standard 90's adequate?

Answer 20: The 50 mm dia. SCH 80 and 75 mm dia. SCH 80 piping are for electrical wiring to the well and flow meter and are to stub up in the locations shown on the drawings or as directed in the field by the RDN's electrician. Long radius 90 deg bends will be required. The conduit is to be installed with a minimum of 300 mm cover under the slab.

Question 21: Drawing 2283-03 - Does the electrical conduits come up outside of the electrical conduit or does concrete need to be removed and replaced for access?

Answer 21: The electrical conduit will extend into the base inside of the kiosk to allow for the termination of the electrical wiring. Removal and replacement of concrete will likely be required for the installation.

End of Addendum 2.