

REQUEST FOR PROPOSAL (RFP)

Engineering Services for Design of the Princeton Tank 4 Replacement Project

Project No. 11023

Answers to Clarification Questions No. 1

1. When was Tank 4 originally constructed?

City Response: The plaque on the Tank 4 indicates the year 1956.

2. What is the minimum number of site visits that the consultants are expected to perform during construction?

City Response: Assume 20 site visits. Refer to Attachment 2 – Part 2 - F.4 of the RFP.

3. Should a site Geotechnical analysis be included in the scope of work?

City Response: Yes, geotechnical analysis shall be performed on samples collected from the site. The geotechnical data report shall include an analysis of landslide risk due to anticipated surcharge weight of the tank and provide recommendations for slope stabilization, if needed.

4. How much site hardscaping is expected to be removed and replaced for this project?

City Response: Hardscaping around the Tank, inside the fenced perimeter shall be removed and replaced. Existing service road paving to remain except as noted in Attachment 1 of the amended RFP.

5. Is the removal and replacement of the yellow entrance gate on the access road, west of the tank part of the scope of work?

City Response: No, the yellow entrance gate to remain as is. It may be temporarily removed during construction for access.

6. Does the pressure regulating valve station between the Tank and the Pump Station need to be replaced?

City Response: Yes, the existing RS-24 shall be removed and replaced with valves sized to meet the Zone 2 fire flow requirements. The current valves do not meet required fire flow requirements.

567 El Camino Real, San Bruno, CA 94066-4299

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7. Can the backfill be taken to the tank walls and the existing curb on which the fence is installed be removed to widen the access road at that location?

City Response: Yes, refer to Attachment 1 of the amended RFP for extent of the service road expansion.

8. Are there any survey monuments onsite and do they need to be maintained?

City Response: Yes, SB-16 shall be replaced and recertified by a licensed Land Surveyor.

9. Do the light poles on site need to be replaced?

City Response: The existing light fixtures are fully solar powered. As part of the Project, they shall be replaced with hardwired fixtures. The City will allow the removal and replacement of the poles if the needed to install wiring.

10. Can the fence perimeter be adjusted or should the new fence be installed at the same locations as the existing?

City Response: Minor modifications are acceptable, but the fenced perimeter should remain substantially the same.

11. Does the Residual Control System (RCS) need to be replaced?

City Response: The existing tank utilizes a Monoclor RCS system. The control panels and chemical storage tanks are installed in Pump Station #7 (PS7) and the chemicals are delivered to the Tank through a network of PVC pipes. As part of this project, the RCS supply pipes between Tank 4 and PS7 will be replaced with minimum 2-inch diameter pipes and a new mixing system shall be installed in the Tank. The Monoclor RCS system components in PS7 shall remain.

12. How and where should the water be released when Tank 4 needs to be drained?

City Response: There is a drain valve near the west elevation of the tank that drains the water to the sewer system. Dechlorination of the water is not required. Coordination with the City of South San Francisco and the City of San Bruno Sewer Operations will be needed prior to drainage.

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