



Santa Clara Valley Water District

File No.: 20-0516

Agenda Date: 7/28/2020

Item No.: 3.1.

BOARD AGENDA MEMORANDUM

SUBJECT:

Adopt Plans and Specifications and Authorize Advertisement for Bids for the Santa Teresa Water Treatment Plant Air Wash Pipeline Replacement Project, Project No. 93764004, Contract No. C0662 (San Jose, District 7).

RECOMMENDATION:

- A. Adopt Plans and Specifications and Authorize Advertisement for Bids for the Santa Teresa Water Treatment Plant Air Wash Pipeline Replacement Project per the Notice to Bidders; and
- B. Authorize the Designated Engineer to issue addenda, as necessary, during the bidding process.

SUMMARY:

The Santa Teresa Water Treatment Plant (STWTP) is the largest of Santa Clara Valley Water District's (Valley Water) three potable water treatment plants, delivering up to 100 million gallons of water per day to retailers, businesses and residents within Valley Water's service area. The plant supplies most of South San Jose, including Almaden Valley, Blossom Valley and Santa Teresa. It also has ability to supplement the demands of Penitencia Water Treatment Plant when needed.

The objective of the STWTP Air Wash Pipeline Replacement Project (Project) is to extend the useful life and increase the reliability of the plant's water filtration system. The air wash system agitates debris on the filter media allowing the filters to be systematically cleaned in an efficient manner.

The Project scope consists of the rehabilitation, removal and replacement of the existing air wash pipelines. This includes replacement of approximately 900 LF of above-ground 12-inch stainless steel pipe, and relining of approximately 670 LF of underground 12-inch stainless steel pipe at the east and west filter basins and galleries. Staggering of this work will be necessary to maintain water production.

Relevant Prior Board Actions:

On May 28, 2019, the Board adopted Resolution 19-50 setting the time and date for a public hearing on the Engineer's Report for the subject Project.

On June 11, 2019, the Board held a public hearing and adopted Resolution 19-51 approving the Engineer's Report, and approved the Project.

Permits

No permits are required for this Project.

Next Steps:

If the Board approves the recommendations, staff will proceed to advertise for bids for Project construction. Staff anticipates recommending the Board award a construction contract on October 13, 2020.

FINANCIAL IMPACT:

The estimated construction cost of the Project is between \$1.2 and \$1.4 million. This Project is included in the five-year FY 2021-25 CIP and there are adequate funds to pay for the construction contract in the FY2020-21 Board-approved budget for the Water Treatment Small Capital Project, project number 93764004. The Project will be funded by the Water Enterprise Fund with 100% of the costs allocated to Zone W-2 (North County).

CEQA:

The proposed Project qualifies for a Categorical Exemption under CEQA Guidelines Section 15301; Existing Facilities [Class 1 - operation, repair, maintenance, minor alteration of existing structures and facilities]. A Notice of Exemption has been prepared and filed with the County of Santa Clara Office of the Clerk/Recorder.

ATTACHMENTS:

- Attachment 1: Notice to Bidders
- Attachment 2: Project Delivery Process Chart
- Attachment 3: Location Map
- Attachment 4: Plans and Specifications

UNCLASSIFIED MANAGER:

Heath McMahon, 408-630-3126