
FLUORIDATION AT WATER TREATMENT PLANTS

Project No. 93084011

Contract No. C0610

1. **Notice.** Notice is hereby given that sealed Proposals will be accepted by the Construction Program of the Santa Clara Valley Water District, Room B108, of the District's Administration Building, 5750 Almaden Expressway, San Jose, California 95118 up to 2 p.m. on January 6, 2016, for furnishing all material and performing all work necessary for construction of the **Fluoridation at Water Treatment Plants Project**, located in the City of San Jose, California.

The Santa Clara Valley Water District (District) previously prequalified general contractors to bid on the Fluoridation at Water Treatment Plants Project in a prequalification process that was completed on October 8, 2015. As a result of that prequalification process, the following contractors were determined to be prequalified and eligible to bid on this Project:

1. Anderson Pacific Engineering Construction, Inc.
2. Kiewit Infrastructure West Co.
3. Ray L. Hellwig Plumbing & Heating, Inc.
4. Slayden Construction Group, Inc.

Only the above identified prequalified contractors are eligible to submit bids for the Project.

2. **California State Department of Industrial Relations Contractor and Subcontractor Registration Requirements.** (See Article 3.05 and 6.04 for the full text) California Labor Code Section 1771.1 requires:

A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, unless currently registered and qualified to perform public work pursuant to Section 1725.5 of the California Labor Code.

An inadvertent error in listing a subcontractor who is not registered pursuant to Section 1725.5 in a bid proposal shall not be grounds for filing a bid protest or grounds for considering the bid nonresponsive, provided that any of the following apply:

- a. The subcontractor is registered prior to the bid opening.

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- b. Within 24 hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee.
 - c. The subcontractor is replaced by another registered subcontractor pursuant to Section 4107 of the Public Contract Code.

3. Summary of Work

A. Project Description.

The work to be completed under this Contract shall consist of furnishing all tools, equipment, materials, supplies, and manufactured articles and furnishing all labor, transportation and services, including fuel, power, water, and essential communications, and performing all work, or other operations required to construct the **Fluoridation at Water Treatment Plants Project** as shown on the Drawings and detailed in these Specifications. The project scope includes, but is not limited to the following:

1. At the Penitencia Water Treatment Plant (PWTP):
 - Construct fluoridation facility in the building that currently houses the ozone quenching agent facility. The fluoridation facility will include new storage tanks (2), feed pumps (2), and pertinent electrical and control equipment.
 - Relocate the ozone quenching agent facility to the potassium permanganate facility. The ozone quenching agent facility will include a new storage tank and two new feed pumps.
 - Decommission the potassium permanganate facility.
2. At the Santa Teresa Water Treatment Plant (STWTP)
 - Construct fluoride storage facility, including two new storage tanks, adjacent to the existing tank farm area.
 - Install two new fluoride feed pumps in the existing chemical feed room in the operations building and install piping in the existing chemical trench from the fluoride storage facility to the feed pumps.
3. Prepare and submit all permit applications and comply with all permitting requirements by the agencies having jurisdiction for the demolition and installation of all permanent and temporary hazardous materials systems. See Special Provisions Article 17.01 of the contract documents for permit application preparation requirements.

4. Perform site survey and prepare piping shop drawings for the existing chemical trenches to meet hazardous permitting requirements.
5. Provide engineering and design services for components of construction as described in the special provisions and technical specifications to include, but not be limited to:
 - Professional Civil or Mechanical Engineer licensed in the State of California
 - Professional Civil or Structural Engineer licensed in the State of California
6. Install leak detection monitoring systems for new double-contained piping and secondary containment areas to include, but not be limited to sensors, control panels, and alarms to SCADA.
7. Remove existing chemical trench covers and replace with aluminum trench covers.
8. Install chemical resistant coating for secondary containment areas.
9. Provide Operation and Maintenance documents.

B. Sole Source Products. The Bid Documents require the Contractor to provide the following sole source products in compliance with Public Contract Code §3400.

Specification Section	Description
32.12	Fire Alarm System: Simplex Grinnell components
34.20	Diaphragm Chemical Metering Pumps: Milton Roy CENTRAC

4. **Contract Time.** Time limit for the completion of the work is **548** calendar days.

Refer to Article 11.04 of the Contract documents regarding Project Milestone Completion dates and requirements.
5. **Liquidated Damages.** See Special Provisions Article 11.07 of the contract documents for requirements regarding Liquidated Damages.

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- 6. Estimated Cost.** The estimated cost of the project is between \$4 million and \$5 million. This estimate is intended to serve merely as an indication of the magnitude of the work. Neither the Bidder(s) nor the Contractor will be entitled to pursue a claim or be compensated due to variance in the stated estimated cost range.
- A. Additive/Deductive Bid Items.** None.
- B. Supplemental Bid Items.** These Bid Items may or may not be required. They may be deleted entirely or in part, by deductive change order(s), at the sole discretion of the District. The sum of the Total Base Bid and the Total Supplemental Bid will be used to determine the lowest Bid price.
- 7. Contractor's License Requirement.** The Bidder must possess a Class A Contractor's license when the Bid is submitted.
- 8. Pre-Bid Conference and Site Showing.** A pre-bid conference/site visit will be conducted by the District on December 2, 2015. The conference will convene at 10 a.m. at the Penitencia Water Treatment Plant followed by a site visit to the Santa Teresa Water Treatment Plant, San Jose, CA. The pre-bid conference will begin with a District presentation on the Small Business Outreach Program. A Bid submitted by any Bidder not represented at a mandatory pre-bid conference/site visit will be considered non-responsive. Attendance at the pre-bid by subcontractors is not required.

Attendance by the Bidder at the pre-bid conference/site visit is:

- Mandatory
 Optional

The objective of the site visit is to familiarize prospective Bidders with the site; no additional site visits will be allowed. Due to security reasons, any Bidder interested in attending a pre-bid conference/site showing must send an e-mail to scvwdplanroom@valleywater.org and provide the name(s) of each person and their organization. Additional information regarding the pre-bid conference/site showing will be sent to all prospective Bidders who confirm their intention to attend. Every attendee will be required to show a photo ID (Driver's License, Photo ID, or passport) and obtain a visitor's badge to gain access to the PWTP and the STWTP facilities. Photography within the PWTP and STWTP facilities is restricted. Photos taken are subject to review by security and/or District personnel before allowed to leave the premises. Bidders must be escorted by District personnel while on the premises.

Reasonable efforts will be made to accommodate persons with disabilities wishing to attend the pre-bid meeting/site visit. Please request accommodations when confirming attendance.

- 9. Availability of Bid Documents.** Contract Documents, including Drawings and Specifications, are available in both paper and electronic (pdf) formats. Paper copies may be purchased for the nonrefundable price of \$60.00. Provide FedEx account number or add \$10.00 per set for packaging and postage. Electronic version is free, transferred via file transfer application (FTA) site.

To order Contract documents:	Request Form and information available online. Website: http://www.valleywater.org/Programs/Construction.aspx Email: scvwdplanroom@valleywater.org FAX: (408) 979-5631 Phone: (408) 630-3088
To pick up Contract documents in person:	Santa Clara Valley Water District 5700 Almaden Expressway San Jose, CA 95118 Business Hours: 8 a.m. – 5 p.m.

- 10. Inquiries.** The Bidder must submit all requests for clarification, or interpretation of the Bid Documents in accordance with the requirements stated in Article 3.04 of the Standard Provisions. Written questions must be directed to the project manager and submitted at least ten (10) calendar days before the deadline for receipt of Bids.

The District may issue written Addenda as appropriate for clarification or other purposes during the bidding period. Addendum notification(s) will be sent to each planholder at the email address provided by the contractor for the planholders list and addenda will be posted on the District’s website at www.valleywater.org/Programs/Construction.aspx.

- A. Project Manager.** The District’s Project Manager for this project is Brandon Ponce and can be reached via e-mail at bponce@valleywater.org or at (408) 630-2787.
- B. Process Questions.** For questions regarding the advertisement process, contact the District Plan Room at (408) 630-3088, or scvwdplanroom@valleywater.org.

11. Prevailing Wage Requirements.

- A.** Workers employed on this Project must be paid at rates at least equal to the prevailing wage rates as determined by the State of California Department of Industrial Relations pursuant to §1770 of the Labor Code. Said wage rates are incorporated herein by reference and may be inspected upon request. The rates are also available on the State of California Department of Industrial Relations website at <http://www.dir.ca.gov/>. See Standard Provisions—Articles 6.04 through 6.06 for related requirements.

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- B.** This Project is subject to compliance monitoring and enforcement by the State of California Department of Industrial Relations. The Contractor and subcontractors must furnish the records specified in Section 1776 directly to the Labor Commissioner, in the following manner; monthly, in a format prescribed by the Labor Commissioner.

- 12. Bid Proposal Submittal.** All Proposals must be submitted in sealed envelopes addressed to Construction Program of the Santa Clara Valley Water District, and state the project name and project number on the outside of the sealed envelope. Each Bid must be submitted on the prescribed Bid Forms. All information on Bid Forms must be completed in ink.

- A. Alternate Delivery for Bid Submittal.** Bidders electing to submit a Proposal by FEDEX, UPS, DHL, CA Overnight, Golden State Overnight, etc., must address the submittal in accordance with instructions stated in Paragraph 12 above. Any Proposal received after 2 p.m. will be considered non-responsive.

Address the outside delivery envelope as follows:

Santa Clara Valley Water District
Attention: Construction Program – **BID**
5905 Winfield Boulevard
San Jose, CA 95123-2428

Note: USPS (US Mail) does not deliver to 5905 Winfield Boulevard.

- 13. Bid Opening.** The Construction Program staff will open Proposals at the time and place stated in Paragraph 1 above.
- 14. Errors or Discrepancies in the Bids.** The District Board of Directors reserves the right to reject any and all Bid Proposals and to waive minor defects or irregularities in any submitted Bid Form(s).
- 15. Bidders Security.** Each Proposal must be accompanied by cash, a certified or cashier's check, or a Bidder's bond in the sum of not less than 10 percent of the total aggregate of the Proposal including all additive Bid items. Said checks or bonds must be made payable to the Santa Clara Valley Water District.
- 16. Contract Retention.**

- The Contract Retention for this Project is established at five percent of the Contract Price.
- The Contract Retention for this Project is established at ten percent of the Contract Price. The Board of Directors has made a finding that the Project is substantially complex based on the precision required to construct the work within existing structures, and plant shutdown schedule constraints necessary to minimize unplanned disruption of treatment plant operations, which would

minimize impacts to water retailers and their customers. Therefore this project requires retention higher than five percent.”

17. **Substitution of Securities.** The Contractor may, at the Contractor’s request and expense substitute securities equivalent to the amount withheld by District to ensure the performance of the contract in accordance with §22300 of the Public Contract Code.
18. **Small Business Preference.** The District has elected to implement the small business preference provisions of Public Contract Code §2002(a)(1). For purposes of the District’s program, a small or micro business is as defined in Government Code §14837. Please refer to the small business compliance requirements stated in the Small Business Instructions included with these Bid documents.
19. **Equal Opportunity.** The District is an equal opportunity employer and all contractors of District projects are to have and follow a policy of equal opportunity including adherence to all state and federal laws and regulations, including the Federal Equal Opportunity Clause.

By order of the Board of Directors of the Santa Clara Valley Water District, San Jose, California, on November 10, 2015.

ATTEST: MICHELE L. KING, CMC


Clerk/Board of Directors