



**CAPITAL PROGRAM SERVICES**  
**5750 ALMADEN EXPRESSWAY**  
**SAN JOSE, CA 95118-3686**  
**TELEPHONE (408) 630-3004**  
**FACSIMILE (408) 979-5631**  
**www.valleywater.org**  
**scvwdplanroom@valleywater.org**

*Notification of this Addendum is transmitted via email to all current plan holders.  
This Addendum is posted on the District website at  
[www.valleywater.org/Programs/Construction.aspx](http://www.valleywater.org/Programs/Construction.aspx).*

January 7, 2016

**ADDENDUM NO. 3**  
**TO CONTRACT DOCUMENTS FOR THE**  
**FLUORIDATION AT WATER TREATMENT PLANTS PROJECT**  
**Project No. 93084011**  
**Contract No. C0610**

Notice is hereby given to Prospective Bidders that the Contract Documents are modified as hereinafter set forth.

**BID DOCUMENTS**

**Bid Form No. 7**

**REPLACE** Bid Form No. 7 Bidder's General Information with Bid Form No. 7 (REV 1) Bidder's General Information (ATTACHMENT A).

**SPECIFICATIONS AND CONTRACT DOCUMENTS**

**SPECIAL PROVISIONS**

**SECTION 13. SPECIAL REQUIREMENTS**

**REPLACE** section 13.03.01. Engineer's Office in its entirety with text that reads as follows:

**"13.03.01. Engineer's Office**

A. At STWTP:

1. The Contractor shall provide and maintain office facilities as described for the exclusive use of the Engineer and representatives of the Engineer. The location and condition of the office facilities shall be as approved by the Engineer. The Contractor shall furnish weekly janitorial services in connection with said office for the duration of the work.
2. The building or trailer shall be specifically designed for office facilities and shall not be less than 8 feet by 20 feet in plan, with side walls not less than 8 feet high.

3. The office facilities and furniture shall be clean and in good condition, consistent with common professional offices and shall be approved by the Engineer.
4. The Contractor shall furnish and install one table or counter for use in viewing Drawings, two desks with a top dimension of not less than 4 feet by 2 ½ feet each, three swivel chairs, one wall-mounted Underwriter Laboratory approved fire extinguisher 10# (ABC type), and one 16-unit first aid kit (the contents replenished as used). Adequate heat, light, electricity, ventilation, including air conditioning, hot and cold drinking water, private telephone (three lines) with a telephone answering system for messages, and broadband internet services.
5. The Contractor shall provide a phone and broadband internet service connection to a District-supplied computer for the exclusive use of the District's Engineer and authorized representatives.
  - a. Phone system:
    - (1) All calls pertaining to the job made from the telephone provided for the Engineer's use shall be at the Contractor's expense.
  - b. Broadband Internet Service:
    - (1) Broadband connection shall meet the definition by the U.S. Federal Commission as any connection to the internet with a speed of 18 mbps or faster in at least one direction.
    - (2) The internet service shall be Comcast, Business Deluxe 75-75Mbps download speed, 15 Mbps upload speed, or equal.
    - (3) The service connection shall include all necessary software and hardware, such as Ethernet cards, modems, and wifi which will be compatible with Microsoft Windows 7 Professional operating system.
6. The Contractor shall furnish and install the following new office furniture and appliances which will be transferred over to the District at the completion of the project:
  - a. Two five-drawer metal letter sized filing cabinets with locks and keys as manufactured by HON, 310 Series, or equal.
  - b. One 5-shelf metal bookcase as manufactured by HON, Model # S72ABC, or equal.
  - c. One Frigidaire 4.5 Cu. Ft. Compact Refrigerator, or equal.
  - d. One Kenmore 0.9 Cu. Ft. Stainless Countertop Microwave, or equal.

B. At PWTP:

- a. The Engineer's office will be located in the existing office trailer, located adjacent to the Contractor's staging area. The Contractor shall furnish weekly janitorial services for said office trailer for the duration of the work.
- b. The Contractor shall provide and maintain temporary self-contained sanitary facility for the exclusive use of the Engineer to include flush-type water closet, lavatory sink with running water, solar powered lighting, waste water and fresh water holding tanks, flooring covered in washable indoor/outdoor carpeting, toilet and paper towel dispensers, soap dispenser and waste receptacle. Self-contained sanitary facility shall be "1 Unit Solar VIP Portable Restroom", NorCal Portable Services, or equal. Portable restroom shall be installed in the Contractor's staging area adjacent to the existing office trailer. The Contractor shall maintain an adequate supply of toilet paper, paper towels and hand soap during the duration of the work. The Contractor shall fill the fresh water holding tank as often as necessary. The Contractor shall pump the holding tank empty whenever it is 50 to 75 percent full during the work and keep it adequately charged with chemicals. The Contractor shall clean the portable restroom on a regular basis, at least weekly, for the duration of the work.
- c. The Contractor shall provide adequate hot and cold drinking water for the duration of the work (for use in existing trailer).
- d. The Contractor shall furnish and install the following new office appliances, for use in the existing office trailer, which will be transferred over to the District at the completion of the project:

(1) One Frigidaire 4.5 Cu. Ft. Compact Refrigerator, or equal.

(2) One Kenmore 0.9 Cu. Ft. Stainless Countertop Microwave, or equal.

C. For use at both project sites (total for the project) the contractor shall provide the Engineer with the following, which will be transferred over to the District at the completion of the project:

1. For field access to EADOCS system (Article 13.17), the Contractor shall provide for the exclusive use of the Engineer of Record throughout the duration of the work, a total of five, two for the District Engineer of Record, one for the District Construction Manager and two for the District Construction Inspector, 128 GB Apple iPad Pro (WiFi + Cellular) with Logitech Keyboard case or equal, within 21 days of the notice to proceed. Contractor shall provide and pay for monthly cellular access (14 GB/mo. min.) on any network for the specified duration of the project.
2. For project file storage, the Contractor shall provide for the exclusive use of the Engineer of Record, a total of ten 16 GB SanDisk Ultra USB 3.0 Flash Drive and five 64 GB SanDisk Ultra USB 3.0 Flash Drive, or equal, within 21 days of the notice to proceed."

## TECHNICAL PROVISIONS

### Article 23.10 Excavation Support and Protection

#### 1.06 MEASUREMENT AND PAYMENT

**ADD** paragraph B. as follows:

“B. Compensation for work shall be included in the Contract prices paid for Bid Item No. 2 – SHEETING, SHORING, AND BRACING and no additional time or compensation be allowed therefor.”

### Article 32.03 Ventilation System

#### 1.07 MEASUREMENT AND PAYMENT

**REPLACE** paragraph A. in its entirety with:

“A. Compensation for work shall be included in the Contract prices paid for Bid Item No. 5 – STWTP FLUOROSILICIC ACID STORAGE AND FEED SYSTEM and no additional time or compensation be allowed therefor.”

### Article 34.21 Chemical Metering Pumps (See Addendum No. 1, ATTACHMENT A)

#### 1.02 RELATED REQUIREMENTS

**ADD** paragraph K. as follows:

“K. The pump manufacturer shall be responsible for the detailed design of the pumps & motors to conform to the specified operational requirements and dimensional parameters without cavitations or off-curve performance.”

#### 2.03 MOTOR DRIVEN CHEMICAL METERING PUMPS (See Addendum No. 2)

**DELETE** section B. MOTORS in its entirety.

**DELETE** section C. CONTROLLER in its entirety.

### Article 35.12.01 Fiberglass Storage Tanks

#### 1.07 MEASUREMENT AND PAYMENT

**REPLACE** text in paragraph A. that reads “...Bid Item No. 3 – Calcium Thiosulfate...” with:

“...Bid Item No. 4 – PWTP Calcium Thiosulfate...”

## Article 37.06 Pressure Instruments

### 2.02 MATERIALS AND EQUIPMENT

**ADD** paragraph H. with text that reads as follows:

- “H.                    Pressure Gauge
1.        Pressure gauges shall be 2½ inches in diameter, minimum, and bottom connected with white laminated dials and black graduations.
  2.        Gauges shall have a blowout disc and safety glass, encased in phenolic, steel, or cast iron.
  3.        Process connection: Process gauges shall have ½-inch NPT connections. Sockets shall have wrench flats.
  4.        Movement shall be rotary geared, all stainless steel material.
  5.        Gauges shall be supplied with diaphragm seals or annular seals where shown on the Drawings. Seal wetted parts shall be of material appropriate for the process fluid.
  6.        Accuracy shall be plus or minus ½ percent of range.
  7.        The Contractor shall supply one spare gauge for each range of pressure per Article 37.01.02 Instrument List.
  8.        The Pressure Gauges shall be Ashcroft Series 1279, or equal.”

## Article 39.02 Paints

### 1.01 SUMMARY

**DELETE** paragraph A.1.a. in its entirety.

### 2.05 INDUSTRIAL FINISH SCHEDULE SYSTEMS

**DELETE** paragraph A.5. in its entirety.

**DELETE** paragraph A.6. in its entirety.

**DELETE** paragraph A.7. in its entirety.

### 3.03 PAINTING OF PLASTIC PIPING

**REPLACE** paragraph A. in its entirety with text that reads as follows:

- “A.                    Not Applicable.”

**APPENDIX A**

**Agreement**

**ARTICLE III: Completion of Contract**

**REPLACE** text that reads "...expiration of 335 calendar days..." with:

"...expiration of 548 calendar days..."

**MAP AND CONSTRUCTION PLANS**

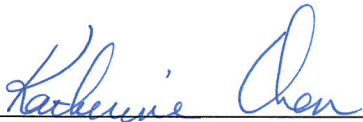
<b>Drawing No.</b>	<b>Description</b>
E-16	<b><u>STWTP Single Line Diagram:</u></b>  1. Change Conduit Number CP-MUX 15 to SPARE
E-17	<b><u>STWTP Conduit Schedule:</u></b>  1. Item No. 29 CP-SFSATCP – Change from 2#14, #14G to 6#14, #14G control conductors.  2. Item No. 30 CP-MUX 15 – Change Conduit number to SPARE  3. Items No. 39 P-ESEW – Upsize wires from 2#12, 1#12G to 2#10, 1#10G conductors.  4. Item No. 40 P-ESEWA – Upsize wires from 2#12, 1#12G to 2#10, #10G conductors.
E-27	<b><u>STWTP Local Control Panels (LCP) Block Wiring Diagram:</u></b>  1. <b>Detail 1/27:</b> Label 20Amps CB-6 from SFSATCP and SFSAPCP to SPARE.  2. <b>Detail 2/27:</b> Provide dedicated 120VAC circuit from control circuit ladder diagram UPS 120VAC to each LIT 201 and LIT 202, and FIT 301 and FIT 302. (Typical for SFSATCP and SFSAPCP control circuit ladder diagram). Use 2#12, 1#12G feeder size typical for each instrumentation device from associated PCP or TCP through shared 2”C to PB-P, then from PB-P to each device, run 2#12, 1#12G in 1”C (typical for 4).

## **GENERAL QUESTIONS AND RESPONSE**

QUESTION 1.	In Appendix A, the Agreement Form; Article III; Contract Completion states: "... the expiration of <u>355</u> calendar days..." Please confirm that this should read 548 calendar days as shown in Notice To Bidders item. 4.
RESPONSE 1.	Yes, text should read <u>548</u> calendar days as shown in Notice To Bidders item 4.
QUESTION 2.	Addendum #2 clarified the location and timing of the Owner's Trailer to be placed at Santa Teresa WTP. Spec Section 13.03.01 A states "The Contractor shall provide and maintain office facilities at each site for the exclusive use of the Engineer..." During the site walk at Penitencia, an existing office trailer was described as the Owner's Construction Offices. Addendum #2 modified section 13.03.01 H to state "For each plant..." contractor is to provide file cabinets, bookcase, refrigerator and microwave. Is the contractor to provide the rest of the owner's furnishings (weekly janitorial service, phones, internet, office trailer, electricity, table, chairs, l-pads, file storage as described in section 13.03.01 (A Through G) at both locations? Please clarify what is required at each location and if the quantity given in the specs is for each location or total for the job.
RESPONSE 2.	The existing office trailer at PWTP, adjacent to staging area, will be used for the Owner's Construction Offices, Contractor to provide office trailer for STWTP. See Addendum No. 3 changes for clarification on what is required at each site.
QUESTION 3.	Section 13.03.01 G states that electricity to the owner's trailer shall be provided by the contractor. Is there usable permanent power available reasonably close to the office location(s)?
RESPONSE 3.	There is existing power in the trailer at PWTP, see addendum No. 3 for updated requirements for PWTP. Contractor will need to coordinate with local electrical utility to provide and remove adequate temporary electrical service for STWTP trailer.
QUESTION 4.	Drawing E-05 - We cannot locate Conduits E-130, E-131, and E-133 on the Plan Drawings E-07 or E-08. Will these be required?
RESPONSE 4.	Yes, the conduits shown in the conduit schedule (E-130, E-131, E-132, E-132) are required.
QUESTION 5.	Drawing E-10 - Key Note 1 - Can you please clarify whether we are supposed to re-use existing conduit and wire? The term "circuits" could be interpreted to mean wiring, but this would conflict with General Notes 1 through 5 which seem to indicate we are to provide new conduit and wiring.
RESPONSE 5.	Lighting layout shown is different from existing layout. Provide new conduits and wires from electrical panel to supply new light fixtures. Reuse existing circuit breakers and switches that were used for the demolished light fixtures.
QUESTION 6.	I did not see anything in addendum #2 about not painting the new PVC piping, which was verbally directed at the job walk to not paint. Per the section 39.02/Paints, there is a detailed procedure to paint the new PVC piping. I will have to follow the spec's and paint the new PVC piping, if not directed otherwise in an addendum. Please advise how we should bid this item.
RESPONSE 6.	PVC piping will not be painted, please follow the Spec section 35.08: piping and tank insulation. The new OCL line will also be insulated and not painted.

QUESTION 7.	I noticed there are a few Pressure Gauges on the Instrument List, but there does not seem to be any specifications for them.  Could you please advise?
RESPONSE 7.	Specifications for the Pressure Gauges are in Article 37.06 added in this Addendum.

THIS ADDENDUM NO 3, WHICH CONTAINS 8 PAGES AND 1 ATTACHMENT, IS ATTACHED TO AND IS A PART OF THE SPECIFICATIONS AND CONTRACT DOCUMENTS FOR THIS PROJECT.

  
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 Katherine Owen, P.E.  
 Deputy Operating Officer  
 Water Utility Capital Division

Date: 1/7/2016

Enclosure:  
 ATTACHMENT A: Bid Form No. 7 (REV 1) Bidder's General Information



# FLUORIDATION AT WATER TREATMENT PLANTS

ADDENDUM No. 3

**ATTACHMENT A:**

**BID FORM NO. 7 (REV. 1)  
Bidder's General Information**

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*This form must be completed in ink and changes must be initialed.*

Timely submission of these Forms is considered **material** by the District.

The Bidders submitting the three (3) apparent low Bids must complete and submit this Bid Form 7, including the required attachments. **The Bidder may be considered not responsible based on information provided on this form.** Additional sheets may be attached as required.

1. Resume of Designated Authorized Representative: Attach the résumé of the person who will be designated as authorized representative. **The Contractor's authorized representative must have requisite background and experience to administer and oversee the work on behalf of the Contractor. The representative must have complete authority to represent and act for the Contractor as stated in Article 9.04 of the Standard Provisions.**
2. The Bidder hereby declares that the Bidder has not been convicted, within the preceding 3 years, of any charge of fraud, bribery, collusion, conspiracy, or any other act in violation of any state or federal antitrust law in connection with the bidding upon, award of, or performance of any public work contract with any public entity. The term "Bidder" is understood to include any partner, member, officer, director, responsible managing officer, or responsible managing employee thereof.
3. Has the Bidder, any officer of the Bidder, or any employee of the Bidder who has a proprietary interest in the Bidder, ever been disqualified, removed or otherwise prevented from bidding on, or completing a federal, state, or local government project because of a violation of law or a safety regulation?  
 Yes       No

If the answer is "yes," explain the circumstances in the following space:

4. The Bidder signing for Contractor certifies that neither Bidder nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.

**District reserves the right to verify the above information.**

I STATE UNDER PENALTY OF PERJURY THAT EACH AND ALL OF THE STATEMENTS I HAVE MADE IN RESPONSE TO PARAGRAPHS 2, 3 & 4 ABOVE ARE TRUE AND CORRECT.

<b>SIGNATURE BLOCK (Signature Block must be completed in ink and changes must be initialed.)</b>	
Bidder's Signature:	Date:
Bidder's Name and Title (Print):	