

RESOLUTION NO. 2017-67
RESOLUTION NO. PFA-03
ORDINANCE NO. 2017-01

AGENDA

MISSION STATEMENT

"Our team is dedicated to protecting, enhancing, and developing our rich water resources to the highest beneficial use for Calaveras County, while maintaining cost-conscious, reliable service, and our quality of life, through responsible management."

Special Board Meeting
Tuesday, November 21, 2017
1:00 p.m.

Calaveras County Water District
120 Toma Court, (PO Box 846)
San Andreas, California 95249

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Administration Office at 209-754-3028. Notification in advance of the meeting will enable CCWD to make reasonable arrangements to ensure accessibility to this meeting. Any documents that are made available to the Board before or at the meeting, not privileged or otherwise protected from disclosure, and related to agenda items, will be made available at CCWD for review by the public.

ORDER OF BUSINESS

CALL TO ORDER / PLEDGE OF ALLEGIANCE

1. ROLL CALL

2. PUBLIC COMMENT

At this time, members of the public may address the Board on any non-agendized item. The public is encouraged to work through staff to place items on the agenda for Board consideration. No action can be taken on matters not listed on the agenda. Comments are limited to three minutes per person.

3. CONSENT AGENDA

None

4. NEW BUSINESS

4a Approval / Award of Construction Contract for the Jenny Lind Water Plant Pretreatment Project, CCWD CIP #11092, CAL-OES HMGP #4240-1-1R (Charles Palmer, CCWD Engineer)

RES 2017 _____

BOARD OF DIRECTORS

Jeff Davidson, President Scott Ratterman, Vice President
Terry Strange, Director Bertha Underhill, Director Russ Thomas, Director

5. OLD BUSINESS
Nothing to report

6.* GENERAL MANAGER REPORT

7.* BOARD REPORTS / INFORMATION / FUTURE AGENDA ITEMS

8. NEXT BOARD MEETINGS

- Wednesday, December 13, 2017, 1:00 p.m., Regular Board Meeting
- Wednesday, January 10, 2018, 1:00 p.m., Regular Board Meeting

9. ADJOURNMENT

CALAVERAS COUNTY WATER DISTRICT

Board of Directors

District 1 Scott Ratterman
District 2 Terry Strange
District 3 Bertha Underhill
District 4 Russ Thomas
District 5 Jeff Davidson

Legal Counsel

Matthew Weber, Esq.
Downey Brand, LLP

Financial Services

Umpqua Bank
US Bank
Wells Fargo Bank

Auditor

Richardson & Company, LLP

CCWD Committees

*Engineering Committee
*Finance Committee
*Legal Affairs Committee
Executive Committee (*ad hoc*)

Membership**

Strange / Davidson (alt. Underhill)
Underhill / Thomas (alt. Ratterman)
Davidson / Ratterman
Davidson / Ratterman

Joint Power Authorities

ACWA / JPIA
CCWD Public Financing Authority
Calaveras-Amador Mokelumne River Authority (CAMRA)
Calaveras Public Power Agency (CPPA)
Eastern San Joaquin Groundwater Authority
Tuolumne-Stanislaus Integrated Regional Water
Management Joint Powers Authority (T-Stan JPA)
Upper Mokelumne River Watershed Authority (UMRWA)

Ratterman (alt. Dave Eggerton)
All Board Members
Strange / Ratterman (alt. Davidson)
Peter Martin (alt. Dave Eggerton)
Russ Thomas
Strange (alt. Thomas)
Davidson (alt. Strange)

Other Regional Organizations of Note

Calaveras LAFCO
Calaveras County Parks and Recreation
Committee
Highway 4 Corridor Working Group
Mountain Counties Water Resources
Association (MCWRA)
Mokelumne River Association (MRA)
Tuolumne-Stanislaus Integrated Regional Water
Mgt. JPA Watershed Advisory Committee (WAC)

All Board Members
Ratterman (alt. Thomas)
Underhill / Thomas
All Board Members
All Board Members
Peter Martin (alt. Metzger)

* Standing committees, meetings of which require agendas & public notice 72 hours in advance of meeting.

** The 1st name listed is the committee chairperson.

Agenda Item

DATE: November 21, 2017

TO: Dave Eggerton, General Manager

FROM: Charles Palmer, District Engineer

SUBJECT: Approval / Award of Construction Contract for the Jenny Lind Water Plant Pretreatment Project, CIP #11092, CAL-OES HMGP #4240-1-1R

RECOMMENDED ACTION:

Motion: _____ / _____ to adopt Resolution No. 2017-_____ accepting bids for the Jenny Lind Water Plant Pretreatment Project, approving award of construction contract to R.E. Smith of Newcastle, CA as the lowest responsive and responsible bidder, and authorizing the General Manager to execute said agreement with R.E. Smith in the amount of \$3,418,000 for construction of the project including associated sub-agreements for the purchase of the pretreatment equipment.

SUMMARY:

With the devastating effects of the Butte Fire that burned more than 50,000 acres of the Calaveras River watershed, the quality of the District's water supplies at New Hogan Reservoir will be adversely affected for decades to come. Large quantities of sediment and debris from the burn area will enter streams and ultimately reach the reservoir degrading the water quality. The District's Jenny Lind Water Treatment Plant is located immediately downstream of the reservoir on the Calaveras River, serving municipal water supplies to a population of more than 10,000 in the La Contenta, Rancho Calaveras, and Jenny Lind areas.

To protect the water supply, the District applied to and obtained grant funding through the Federal Emergency Management Agency (FEMA) to install pretreatment facilities at the plant to remove turbidity and organics from raw water entering the plant that have since overwhelmed the plant's existing clarifier, filtration and backwash systems and have rendered the plant inoperable at times. After finalizing environmental review and updating the NEPA clearance, FEMA re-authorized the project on November 16, 2017 for \$3.758 million (cost share of 75% FEMA / 25% CCWD) and the project completion date was extended from December 29, 2018 to May 14, 2019.

During the past 12-months, the District has made significant progress moving the project forward. The District issued public notices inviting bids and conducted a bid period during September continuing until a public bid opening held on October 17, 2017.

The District received eight (8) bids for construction, summarized below, with R.E. Smith of Newcastle, CA being the lowest responsible and responsive bidder and based on qualifications and references is recommended by staff for the award of the construction contract. Also, R.E. Smith listed Gold Electric of Murphys, CA as the electrical subcontractor for this project.

BIDDER	AMOUNT
R.E. Smith	\$3,418,000
TTS Construction	\$3,490,400
Auburn Constructors	\$3,634,300
GSE	\$3,699,000
SMCI	\$3,730,650
Syblon Reid	\$3,796,150
Mountain Cascade	\$3,937,000
Myers & Sons	\$4,010,025

The construction contract includes a bid item and sub-agreement with Veolia Water Technologies, Inc. in the amount of \$1,439,500 for purchase of pretreatment equipment for the project. Said sub-agreement is first executed between the District and Veolia and then by means of an “assignment and novation” agreement this purchase is assigned to the contractor including all associated costs, terms and conditions. The cost of purchasing the pretreatment equipment is already included in the construction contract amount of \$3,418,000. However, the General Manager needs authorization by the Board to execute the construction contract with R.E. Smith along with all sub-agreements for the equipment purchase and assignment and novation.

FINANCIAL CONSIDERATIONS:

The original project cost estimate was \$3.758 million with 75% FEMA grant funding and 15% CCWD matching funds. FEMA has obligated \$2,818,500 as federal share for reimbursement for eligible costs with a balance of \$939,500 being CCWD cost. By the end of the project, the cost of the construction contract for \$3,418,000 in combination with all other costs for design, engineering, construction management, etc. will be more than originally budgeted for the project. The District is responsible for extra costs above the approved amounts, and a budget adjustment will be needed in January to address a projected budget shortfall of \$400,000 for extra costs that are being/will be incurred over the next 12-months of the project.

ITEM	AMOUNT
Construction Contract (including purchase of the pretreatment equipment)	\$3,418,000
Balance Available / Applied Toward Engineering, Environmental, and Other Costs to Date	\$340,000
TOTAL (Eligible Costs)	\$3,758,000

Attachments: 1) Resolution; and 2) R.E. Smith Bid Form

RESOLUTION NO. 2017-

**A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE CALAVERAS COUNTY WATER DISTRICT**

**AWARDING/AUTHORIZING CONTRACT FOR THE CONSTRUCTION OF THE
JENNY LIND WATER PLANT PRETREATMENT IMPROVEMENTS PROJECT
CCWD CIP #11092 / CAL-OES HMGP #4240-1-1R**

WHEREAS, with the devastating effects of the Butte Fire damaging the Calaveras River watershed, carrying sediment, debris and organics degrading water quality in New Hogan Reservoir, which supplies water to the District's Jenny Lind Water Treatment Plant and serves a population of more than 10,000 people in the La Contenta, Rancho Calaveras, and Jenny Lind areas; and

WHEREAS, to protect the water supply, the District applied to and obtained grant funding through the Federal Emergency Management Agency (FEMA) to install pretreatment facilities at the plant to remove turbidity and organics from raw water entering the plant that have since overwhelmed the plant's existing clarifier, filtration and backwash systems and have rendered the plant inoperable at times; and

WHEREAS, upon finalizing the environmental review and updating the NEPA clearance, FEMA recently re-authorized the project on November 16, 2017 for \$3.758 million (cost share of 75% FEMA / 25% CCWD) and extended the project completion date to May 14, 2019; and

WHEREAS, the District advertised and conducted a bid period during September, 2017 until a public bid opening on October 17, 2017 from which the bid received by R.E. Smith of Newcastle, CA in the amount of \$3,418,000 was determined to be the lowest responsive and responsible bid among eight (8) bids received and based on listed qualifications and references is recommended by staff for the award of the construction contract; and

WHEREAS, the construction contract includes all costs and provisions for a sub-agreement with Veolia Water Technologies, Inc. in the amount of \$1,439,500 for purchase of pretreatment equipment for the project, which said sub-agreement is first executed by the District and then by a separate "assignment and novation" agreement the Contractor is assigned responsibility for the equipment purchase.

THEREFORE, BE IT RESOLVED that the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT hereby accept bids for the Jenny Lind Water Plant Pretreatment Project, approving to award the construction contract to R.E. Smith, attached hereto and made a part hereof, of Newcastle, CA as the lowest responsive and responsible bidder, and authorizes the General Manager to execute said agreement with R.E. Smith in the amount of \$3,418,000 for construction of the project

including all associated sub-agreements for the purchase of the pretreatment equipment.

BE IT FURTHER RESOLVED that the Board of Directors, in accordance with its prior funding match commitment letter dated November 19, 2015, has agreed to provide 25% matching funds of the eligible project costs from the 125 Water Capital Renovation and Replacement Fund, which is sufficient to cover the cost of the construction contract.

PASSED AND ADOPTED this 21st day of November, 2017 by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

CALAVERAS COUNTY WATER DISTRICT

Jeff Davidson, President
Board of Directors

ATTEST:

Mona Walker
Clerk to the Board

**SECTION 00410
BID FORM**

CALAVERAS COUNTY WATER DISTRICT
JENNY LIND WATER TREATMENT PLANT
PRETREATMENT IMPROVEMENTS PROJECT

TABLE OF ARTICLES

- Article 1 – Bid Recipient
- Article 2 – Bidder’s Acknowledgments
- Article 3 – Bidder’s Representations
- Article 4 – Bidder’s Certification
- Article 5 – Basis of Bid
- Article 6 – Time of Completion
- Article 7 – Attachments to Bid
- Article 8 – Defined Terms
- Article 9 – Bid Submittal

ARTICLE 1- BID RECIPIENT

1.01 This Bid is submitted to: Calaveras County Water District at the main office at 120 Toma Court, San Andreas, California 95249, no later than 2:00 PM local time on October 17, 2017.

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2- BIDDER’S ACKNOWLEDGEMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 120 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3- BIDDER’S REPRESENTATIONS

In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, the other related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged.

Addendum No.	Addendum Date
<u>1</u>	<u>SEPT 29, 2017</u>
<u>2</u>	<u>OCT 7, 2017</u>
<u>3</u>	<u>OCT 12, 2017</u>

- B. Bidder has visited the Site and become familiar with and is satisfied as to the general, local and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and is satisfied as to all Federal, State and local Laws and Regulations that may affect cost, progress and performance of the Work.
- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site.
- E. Bidder has considered the information known to Bidder; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents; and (3) Bidder's safety precautions and programs.
- F. Based on the information and observations referred to in Paragraph 3.01.E above, Bidder does not consider that any further examinations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of the Work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.
- J. Bidder will submit written evidence of its authority to do business in the State or other jurisdiction where the Project is located not later than the date of its execution of the Agreement.

ARTICLE 4- BIDDER'S CERTIFICATION

4.01 Bidder further represents that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
 - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process.

2. "fraudulent practice" means an intentional misrepresentation of facts made to (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 5- BASIS OF BID

- 5.01 Bidder will complete the Work in accordance with the Contract Documents for the price(s) provided in the attached bid schedule (at the end of this section).
- 5.02 Unit Prices have been computed in accordance with Paragraph 11.04.B of the General Conditions
- 5.03 Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the Contract Documents.
- 5.04 Bid Prices are for work that has been furnished and installed by the Contractor and is fully completed. The bid items as described and provided are for bidding and payment purposes and do not in any way limit the Contractor's responsibility to perform all work that may be reasonably inferred from the plans, specifications and other bid documents to produce the intended result.
- 5.05 All specified cash allowances are included in the price(s) set forth above and have been computed in accordance with Paragraph 13.02 of the General Conditions.
- 5.06 If "additive" or "deductive" Bid Items are included in the Bid- clearly identify the method for applying the alternates and the basis for award of the contract.

ARTICLE 6- TIME OF COMPLETION

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7- ATTACHMENTS TO THIS BID

7.01 The following documents are attached to and made a condition of this Bid (Section 00410):

(ATTACH EACH DOCUMENT BELOW TO THE BID)

- A. Non-Collusion Affidavit (Section 00420); ✓
- B. Required Bid security in the form of a Bid Bond or Certified Check (Section 00430); ✓
- C. Signed Compliance Statement and Certifications of Nonsegregated Facilities (Section 00440); ✓
- D. Certification for Contracts, Grant, and Loans (Section 00460); ✓
- E. List of Subcontractors (Section 00470); and ✓
- F. List of References (Section 00480). ✓

ARTICLE 8- DEFINED TERMS

8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders (Section 00200), General Conditions (Section 00700), Supplementary Conditions (Section 00800), and Special Conditions (00900).

ARTICLE 9- BID SUBMITTAL

9.01 This Bid is submitted by: R. E. SMITH CONTRACTOR, INC.
Bidder's Business address: 10160 QUAIL HILL DR
NEWCASTLE, CALIF 95658
Phone: 916 663 1060 Facsimile: 916 663 9711
Submitted on October 17, 2017.
State Contractor License No. 866126 A#B
Employer's Tax ID No. 20 334 3461
DIR Registration No. 1000009734

If Bidder is:

An Individual

Name (typed or printed): N/A
By: _____
(Individual's signature)
Doing business as: _____

A Partnership

Partnership Name: N/A (SEAL)
By: _____
(Signature of general partner – attach evidence of authority to sign)
Name (typed or printed): _____

A Corporation

Corporation Name: R. E. SMITH CONTRACTOR, INC. (SEAL)
State of Incorporation: CALIF
Type (General Business, Professional, Service, Limited Liability): GENERAL BUSINESS
By: Rhale Smith
(Signature – attach evidence of authority to sign)
Name (typed or printed): RANDALL E. SMITH
Title: PRESIDENT

Attest: Cynthia Smith
(Signature of Corporate Secretary) Cynthia Smith

Date of Qualification to do business is 8/16/2005

A Joint Venture

Name of Joint Venture: N/A

First Joint Venture Partner Name: _____ (SEAL)

By: _____
(Signature of first joint venture partner – attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Second Joint Venture Partner Name: N/A (SEAL)

By: _____
(Signature of second joint venture partner – attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

(Each joint venture partner must sign. The manner of signing for each individual, partnership, and corporation that is a party to the joint venture should be in the manner indicated above.)

R. E. SMITH CONTRACTOR, INC.
GENERAL CONTRACTOR & ENGINEER

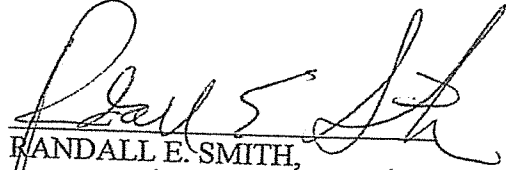
**UNANIMOUS WRITTEN CONSENT OF
BOARD OF DIRECTORS TO CORPORATE
ACTION OF R. E. SMITH CONTRACTOR, INC.**

We, RANDALL E. SMITH and CYNTHIA L. SMITH, are all of the members of and together constitute the Board of Directors of R. E. SMITH CONTRACTOR, INC. ("Corporation"), and by this writing approve the following resolution and consent to its adoption:


RESOLVED, that the signatures of the Corporation's President or Secretary shall be required in order to allow the Corporation to enter into contracts, agreements or other matters on behalf of the Corporation.

This consent is executed in accordance with California Corporations Code Section 307 (b) and shall be filed with the minutes of proceedings of the Board of Directors.

DATED: August 23, 2005


RANDALL E. SMITH,
Director Randall E Smith

DATED: August 23, 2005


CYNTHIA L. SMITH,
Director Cynthia L. Smith

SCHEDULE / BASE BID

CALAVERAS COUNTY WATER DISTRICT
JENNY LIND PRETREATMENT PROJECT

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QTY</u>	<u>UNIT PRICE</u>	<u>BID AMOUNT</u>	
1	<u>MOBILIZATION/DEMobilIZATION</u>	LS	1	-	\$ <u>100,000</u>	PKL
2	<u>SHEETING, SHORING & BRACING</u>	LS	1	-	\$ <u>2,000</u>	PKL
3	<u>SITE DEMOLITION</u>	LS	1	-	\$ <u>85,000</u>	PKL
4	<u>TREE REMOVAL</u>	EA	5	\$ <u>2,500</u>	\$ <u>12,500</u>	PKL
5	<u>GRAVITY BLOCK RETAINING WALL</u>	SF	250	\$ <u>100</u>	\$ <u>25,000</u>	PKL
6	<u>SITE GRADING / FILL</u>	LS	1	-	\$ <u>20,000</u>	PKL
7	<u>ASPHALTIC CONCRETE PAVING</u>	TONS	50	\$ <u>1,040</u>	\$ <u>52,000</u>	PKL
8	<u>SMALL ROCK SLOPE PROTECTION</u>	TONS	10	\$ <u>400</u>	\$ <u>4,000</u>	PKL
9	<u>NEW SEPTIC TANK</u>	LS	1	-	\$ <u>27,000</u>	PKL
10	<u>18", 20" & 24" PRETREATMENT INFLUENT AND EFFLUENT PIPING</u>	LS	1	-	\$ <u>176,000</u>	PKL
11	<u>12" STORM DRAIN & DROP INLETS</u>	LS	1	-	\$ <u>25,000</u>	PKL
12	<u>3" & 4" DRAIN & WASTE PIPING</u>	LS	1	-	\$ <u>58,000</u>	PKL
13	<u>BALLASTED FLOCCULATION EQUIPMENT PURCHASE</u>	LS	1	\$ <u>1,439,500.00</u>	\$ <u>1,439,500.00</u>	
14	<u>BALLASTED FLOCCULATION EQUIPMENT INSTALLATION</u>	LS	1	-	\$ <u>75,000</u>	PKL

SCHEDULE / BASE BID

CALAVERAS COUNTY WATER DISTRICT
JENNY LIND PRETREATMENT PROJECT

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QTY</u>	<u>UNIT PRICE</u>	<u>BID AMOUNT</u>	
15-A	<u>CONCRETE TYPE A - WETWELL WALLS</u>	CY	30	\$ <u>1,300</u>	\$ <u>39,000</u>	rel
15-B	<u>CONCRETE TYPE B - WETWELL FOOTING & CHEMICAL INJ VAULT</u>	CY	35	\$ <u>1,800</u>	\$ <u>63,000</u>	rel
15-C	<u>CONCRETE TYPE C - SLABS, PADS, STAIRS, & MISC. CONCRETE</u>	CY	65	\$ <u>1,200</u>	\$ <u>78,000</u>	rel
16	<u>GRATING, SHIP LADDER, STAIRS, HANDRAILS & MISC. METALS</u>	LS	1	-	\$ <u>128,000</u>	rel
17	<u>PRETREATMENT BOOSTER PUMPS W/10" & 12" AE PIPING AND VALVES</u>	EA	3	\$ <u>47,000</u>	\$ <u>141,000</u>	rel
18	<u>POLYMER FEED SYSTEM / BUILDING</u>	LS	1	-	\$ <u>75,000</u>	rel
19	<u>COAGULANT & PERMANGANATE CHEMICAL FEED SYSTEMS</u>	LS	1	-	\$ <u>64,000</u>	rel
20	<u>ELECTRICAL PRETREATMENT IMPROVEMENTS</u>	LS	1	-	\$ <u>513,000</u>	rel
21	<u>ELECTRICAL SERVICE UPGRADE</u>	LS	1	-	\$ <u>216,000</u>	rel
TOTAL BASE BID ALL ITEMS 1-21 (NUMERICAL)				\$ <u>3,418,000</u>		rel

TOTAL BASE BID AMOUNT (WRITTEN):

Three Million Four hundred and eighteen thousand DOLLARS rel

ADDITIVE BID ITEM

(The item listed below is NOT considered in determining lowest bid.)

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>BID AMOUNT</u>
A-1	<u>ELECTRICAL SYSTEM ANALYSIS</u>	LS	\$ <u>15,000</u> fel

*Units defined as follows:
LS = Lump Sum
EA = Each
SF = Square Feet
TONS = Tonnage (2,000 lbs)
CY = Cubic Yard*

BID ITEM DESCRIPTIONS

**** The bid items and corresponding descriptions are for bidding and payment purposes and do not in any respect limit the Contractor's responsibility to provide and perform all work specified in the Project Manual and/or shown on the project Drawings or issued by Addenda. ****

BID ITEM 1: Mobilization/Demobilization

Mobilization shall include obtaining of insurance and bonds; moving all necessary equipment to the site; preparing/submitting project schedules; furnishing temporary construction utilities (temporary power, toilets, water, fences, etc.); furnishing and installing temporary facilities; preparing shop drawing submittals; providing erosion controls and BMP's, and other general requirements for the proper performance and completion of the work. Demobilization shall include final cleaning of the new facilities, cleaning and clean-up of areas of site impacted by construction, restoration of surfaces within job site, final inspections, removal of all temporary facilities and equipment from the work area, disconnection of the temporary construction utilities and turnover of project to the Owner. This item shall include providing appropriate and adequate project representation and attending and participating in regularly scheduled progress meetings and preparing 3-week "look ahead" schedules for on-going work. Preparing and submitting monthly progress payments using forms/format required by the project specifications.

Lump sum not to exceed 10% of the total contract price with sum of initial payment(s) upon mobilization not to exceeding 5% of the total contract amount and the balance of payments being prorated to the percentage of completed work.

BID ITEM 2: Sheeting, Shoring, and Bracing

For workers entering any excavation five (5) feet in depth or greater, provide sheeting, shoring and bracing complying with California Labor Code and Department of Industrial Relations requirements; safety plan shall meet requirements of Construction Safety Orders Sections 1539 to 1543.

The lump sum price shall be full compensation for submittals, furnishing, installing these materials including all labor, equipment, tools and incidentals to complete work. This item shall be paid in proportion to the percentage of completed underground work.

BID ITEM 3: Site Demolition

This item shall consist of work shown on Sheet C2, Demolition Plan and similar demolition work as required for the project including removal/salvaging/disposal of existing metal maintenance building, removing/salvaging existing air conditioning unit, demolition/disposal of existing septic tank, removing/salvaging metal car port, and demolition/removal/disposal of existing reinforced concrete slab, walkways and stairs, and saw-cutting/demolition/removal/disposal of all existing asphalt paving. The existing metal building shall be dismantled by Contractor salvaging the existing metal siding, interior metal wall panels, primary and secondary framing for District's reuse; salvaged materials are to be moved to a suitable location on site as directed in the field by the Engineer. Existing concrete slab for demolition is assumed to be 41' long x 22' wide x 6" thick with 12" thick continuous footing around the slab's perimeter, outside edge. Also, as schematically shown on Sheet C2, Contractor shall excavate, remove, dispose and backfill existing 12" CMP storm drain, 18" piping at tie-in, 4" sanitary sewer and septic tank effluent line, 1-1/2" water service, and existing KMnO4 conduit and tubing; where demolition plans allow for existing utilities to be abandoned in place, the Contractor must remove and cap abandoned lines to the extent they are in conflict with the limits of new construction. For all material not salvaged, the Contractor shall haul away and dispose of all waste materials at a recycling facility, landfill or suitable facility.

The lump sum price shall be full compensation for the preparation, installation, and submittal of these materials, and for all labor, equipment, tools and incidentals to complete this item. This item shall be paid in proportion to the estimated percentage of work completed.

BID ITEM 4: Tree Removal

As shown on Sheet C2, Demolition Plan remove and dispose of 40" Oak, 24" Oak, 18" Forked Oak, 18" Oak, and 14" Oak. Remove stumps in conflict and/or adjacent to gravity block wall. Grind remaining stumps and/or cut maximum 4" above grade. Remove, haul away and dispose of all wood and tree waste from the project site.

This item shall be unit price paid by number of trees removed.

BID ITEM 5: Gravity Block Retaining Wall

In accordance with Section 02830, furnish and install gravity retaining wall as shown on Sheet C1, Grading Plan and Sheet C14, Details 3 & 4 including associated excavation, subgrade leveling pad, blocks, geogrid(s), unit drainage backfill, perforated drain with gravel and filter fabric, and handrail.

The unit price shall be full compensation for the preparation, supply, installation, and submittal of these materials, and for all labor, equipment, tools and incidentals to complete this item. Upon completion of the wall, this item shall be measured in the field and paid by the total square footage of retaining wall face area of the gravity block (as viewed from the front of the wall) including any buried portions of the block face area.

BID ITEM 6: Site Grading

The Contractor shall provide all necessary site grading, cuts and fills to bring the site to levels, grades and elevations as shown on Sheet C1, Site Grading Plan. The majority of the fill is made to the west side of the site if front and behind the retaining wall. Site fill behind the gravity block retaining wall must be done concurrently with construction of the wall and placement of the Geogrid soil anchors. This item assumes suitable and sufficient quantity of site fill material can be generated and obtain from onsite sources including trenches, excavations, and other site cuts; if quantities are insufficient the District may supplement with suitable imported material (limited to extra cost of source material plus hauling but no extra cost allowed for placement and compaction). The District will provide a qualified soils laboratory to perform compaction curved and confirm contract compliance based on field density tests. Contractor shall remove all unsuitable soil from the site to location designated by the District.

The lump sum shall be full compensation for preparation, furnishing, installation, submittal of these materials, and for providing all labor, equipment, tools and incidentals to complete this item of work. Measurement and payment based on percentage of completed work.

BID ITEM 7: Asphaltic Concrete Paving

This bid item includes furnishing and installing new asphaltic concrete paving including saw cutting and vacuuming, grinding transitions, applying primer to joints, providing/preparing/compacting Class 2 AB subgrade and providing/placing/rolling/compacting new hot mix asphaltic concrete paving as generally shown on Sheet C1, Grading Plan and as otherwise required to restore pavement to a fully functional, good condition at end of construction before project closeout. The final limits of new paving and overlays may be slightly adjusted to suite actual field conditions as directed by the Engineer. Pre-treat pavement joints, edges and overlays surfaces with emulsion; evenly place, roll, and compact hot mix asphalt. This work shall including patching trenches, excavations, and placement of new paving and overlays. Finished paving shall be smooth, evenly rolled and compacted without bumps, pitting, ridges, rutting, or other surface irregularities.

This items shall be unit price based on tons of hot mix asphalt furnished and installed by Contractor including delivered, placed, rolled and compacted meeting the specified quality requirements. This item shall include 2,500 s.f. of "new asphalt" consisting of 2" A.C. paving (*over 6" Class 2 A.B. subgrade supplied by Contractor*) and 2,000 s.f. of 1-1/2" A.C. paving overlays. For measurement and payment purposed, the District will require truck delivery scale weight tags for quantities of hot mix asphalt delivered to the project site.

BID ITEM 8: Small Rock Slope Protection

As specified in Section 02200, Earthwork, small rock slope protection shall consist of furnishing and installing 7" depth of rip rap where shown on Sheet C1, Grading Plan to the east side of the new concrete pretreatment slab and extending toward the Ozone towers. Where the rip rap meets east edge of the new pretreatment slab, this item shall include all necessary excavation and subgrade preparation to adjust finished surface of rip rap to match top of slab elevation. Also, as shown on Sheet C15, Detail A provide rip rap at outlet of the site drain.

Measurement and payment for this item shall be based on the unit price of tons (each 2,000 lbs) of specified rip rap delivered and installed at the job site in accordance with the Grading Plan and applicable details; no payment to be made for unused, excess material.

BID ITEM 9: New Septic Tank

As shown on Sheet C1 and C3, furnish and install new 1,500 gallon septic tank (Oldcastle or equal traffic rated precast concrete with concrete traffic rated cover and 24" diameter concrete risers with iron manhole frames and covers); seal all joints with Ram-Nek or equal waterstop. Contractor shall furnish and install new 4" SS with cleanouts to inlet of new septic tank, and downstream of septic tank from outlet extend new 4" SS and re-connect to existing 4" SS ahead of leach field. To assure that the new septic tank system and upstream and downstream piping flow by gravity; the Contractor shall pothole the existing septic tank inlet and outlet elevations and obtain elevations for existing 4" SS at two additional points to confirm existing inverts. Using this data, the Engineer will confirm slope for new 4" SS, depth to set septic tank and check for sufficient slope from the septic tank outlet to the leach field to give Contractor direction in the field. This item shall include all associated excavation, gravel leveling course under septic tank, Class 2 AB backfill and compaction.

The lump sum price shall be full compensation for furnishing, preparation, installation, and submittal of these materials, and for all labor, equipment, tools and incidentals to complete this item.

BID ITEM 10: 18", 20" & 24" Pretreatment Influent and Effluent Piping

Furnish and install 18", 20" and 24" pretreatment influent (OW) and effluent piping (AE) and complete connections to ballasted flocculation unit as shown on Sheets C3, C4B, C5B, C6B, C7 and C11. Provide ductile iron piping, spools, fittings, couplings, flange adapters, gaskets, nuts & bolts, and other piping accessories/appurtenances to complete work as shown on the drawings and according to project specifications. Furnish and install new tie-in connection to existing 18" OW per Detail 1 Sheet C11 providing two (2) 18" AWWA C515 iron body gate valves. As shown on Sheet C5A, install manufacture supplied 20" motorized butterfly valve and plumb in manufacturer supplied mechanical mixer. All new piping shall be mechanically thrust restraint in combination with additional concrete bearing and thrust blocking at tie-ins to existing piping. The Contractor is responsible for all potholing, excavation, backfill, and compaction associated with underground construction, and trenches to be backfilled with Class 2 Aggregate Base.

Measurement and payment shall be lump sum prorated for percentage of work completed and full compensation for providing all labor, materials, equipment, tools and incidentals for this item.

BID ITEM 11: 12" Storm Drain & Drop Inlets

As shown on Sheets C3 and C13, furnish and install 12" storm drain, three (3) precast drop inlets with traffic rated grating, and outfall with flap valve (Fresno Valve or equal) per Sheet C15/Detail A. For underground work, this include all potholing, excavation, Class 2 AB backfill and compaction.

Measurement and payment shall be lump sum prorated for percentage of work completed and full compensation for providing all labor, materials, equipment, tools and incidentals for this item.

BID ITEM 12: 3" & 4" Drain & Waste Piping

As shown on Sheets C3, C4B, C5B, C6B and C7, the Contractor shall both furnish and install 3" and 4" ballasted flocculation drain (AD) and waste (AW) piping. As shown on Sheet C7, furnish and install precast concrete drop inlet with galvanized steel grating, provide 3" AD connection at wet well including 3" AWWA resilient seat gate valve for isolation, and complete other 3" AD inlet into and 4" AD outlet from same drop inlet. As shown on Sheet C9, furnish and install 4" and 3" AW piping to circular solids thickener and attached/suspended from overhead walkway. As shown on Sheet C11, Detail 2, complete 4" AD tie-in connection to existing 6" solids decant. As shown on Sheets C4A, C5A, and C6A, install 3" AD drain valves supplied by manufacturer and furnish/install 3" AD and 4" AW piping connections to ballasted flocculation unit.

Measurement and payment shall be lump sum prorated for percentage of work completed and full compensation for providing all labor, materials, equipment, tools and incidentals for this item.

BID ITEM 13: Ballasted Flocculation Equipment Purchase

This is a Cash Allowance per Section 00700, Articles 13.02 A, B and D for purchasing skid-mounted pretreatment equipment as specified in Section 11125 and according to Actiflo Agreement in Appendix A. Any escalation, increase or decrease in manufacturer's price and/or scope of supply shall directly correspond to an equal adjustment in the Cash Allowance paid by District. This item includes shipping by manufacturer to Calaveras County (but does not include unloading at job site). The Contractor shall execute Section 00525, Assignment and Novation Agreement.

Measurement and payment shall be based on and correspond to the schedule of payments to be made to the manufacturer as required/listed in the subject agreement(s).

BID ITEM 14: Ballasted Flocculation Equipment Installation

As described in Exhibit B, Scope of Supply, Section 6, Scope of Work by Others and briefly summarized herein, the Contractor shall install the ballasted flocculation unit, ancillary equipment, and other associated equipment supplied by the manufacturer. The Contractor must coordinate delivery with the manufacturer and provide a crane to unload the equipment immediately upon delivery and then to set and place the equipment on the concrete slab. The pretreatment equipment main process tank shall be seismically anchored to foundation slab consisting of eight (8) 1" dia. stainless steel threaded rods with minimum 9-inch embedment using adhesive anchors (either HILTI HIT-RE 500 V3 or HIT-HY 200-A). Among other items supplied by the manufacturer, the three pretreatment unit mixers/impellers and sludge scraper drive are shipped loose and must be installed by the Contractor upon delivery to the job site. As supplied by manufacturer, the Contractor will install as shown on Sheets C4A, C5A and C6A the Microsand recirculation pumps, hydrocyclones, and sludge splitter device along with associated manufacturer supplied sand circuit and sludge return piping, fittings, valves and pipe supports; refer to Sheets C4A, C5A and C6A. The Contractor will be required to install hydrocyclones stand and sludge splitter which are supplied by the manufacturer Contractor shall install all grating and handrails supplied by manufacturer for the pretreatment unit tank. Also, the Contractor shall both furnish and install the sand educator "sand hopper" including 1-1/2" copper piping, and necessary fittings/appurtenances. Upon completing installation, the

Contractor shall test each individual component that it appears to be properly functioning and operational and that the system as a whole is ready for startup and performance testing; the Contractor shall assist the manufacturer in conducting the startup and assure the system is fully operational for the performance testing period.

Measurement and payment shall be lump sum prorated for percentage of work completed and full compensation for providing all labor, materials, equipment, tools and incidentals for this item.

BID ITEM 15-A: Concrete Type A – Wet-Well Walls

According to notes/details on Sheets S1, S2 and S3 and specification Section 03001, furnish and install cast in place concrete walls for wet well structure as shown on Sheets S5, S6 and S7/Detail 4 including all reinforcing steel, formwork, placement, finishing, curing, etc. This item must be coordinated with associated piping, grating, handrails, and other related work.

The unit price shall be full compensation for submittal, preparation, furnishing, and installation of these materials, and for all labor, equipment, tools and incidentals. Measurement and payment shall be for actual cubic yards of transit mixed concrete delivered, placed, finished and incorporated into the work; excessive washout, waste and/or spoiled loads will not be paid.

BID ITEM 15-B: Concrete Type B – Wet-Well Footing and Chemical Injection Vault

In accordance with Section 03001 and notes and details on Sheets S1, S2 and S3, furnish and install cast in place concrete footings and step footings for the wet well structure as shown on Sheets S5, S6, and S7/Detail 4 including all reinforcing steel, formwork, placement, finishing, curing, etc. This item includes associated footing excavation until reaching consistent, stable, resistant bedrock. The District will retain a geotechnical engineer to assess subgrade conditions during footing excavation. This item shall also include imported gravel backfill material for placement inside, interior of step footing below the wet well slab. Also, this item shall include the chemical injection vault as shown on Sheet C11 including all reinforce cast in place concrete and associated excavation, backfill, filter fabric, and crushed rock. The chemical injection vault shall have 8-inch thick walls reinforce with #5 bars spaced at 12-inch on center/each way with horizontal bars continuous through vault corners; additional diagonal reinforcing bars provided around pipe wall penetrations; vault footing to have minimum two continuous longitudinal reinforcing bars with lateral bars at 12-inch spacing.

The unit price shall be full compensation for submittal, preparation, furnishing, and installation of these materials, and for all labor, equipment, tools and incidentals. Measurement and payment shall be for actual cubic yards of transit mixed concrete delivered, placed, finished and incorporated into the work; excessive washout, waste and/or spoiled loads will not be paid.

BID ITEM 15-C: Concrete Type C – Slabs, Pads, Stairs & Misc. Concrete

The Contractor shall provide reinforced, cast-in-place concrete according to Section 03001 and Sheets S1, S2 & S3 structural notes and details. The Contractor shall furnish and install reinforced concrete for the Polymer Feed FRP building pad (Sheet C8 and C15/Detail 3), Ballasted Flocculation unit foundation slab (Sheet S4), wet well slab (Sheets S5, S6 & S7), housekeeping pads for pumps (Sheets S4, S5 and S7), electrical panel pads (Sheet E32), various slab walkways (Sheets S4 & S5), concrete stairs (Sheet C15), and other miscellaneous reinforced concrete on the project.

The unit price shall be full compensation for submittal, preparation, furnishing, and installation of these materials, and for all labor, equipment, tools and incidentals. Measurement and payment shall be for actual cubic yards of transit mixed concrete delivered, placed, finished and incorporated into work; excessive washout, waste and/or spoiled loads will not be paid. (*Items 15-A, 15-B and 15-C exclude thrust blocking*).

BID ITEM 16: Grating, Ship Ladder, Stairs, Handrails & Miscellaneous Metals

Contractor shall prepare/submit detailed shop drawings by a qualified metal fabricator for this item. As per Section 05505 and shown on Sheets C1, C4B, C5B, C7, S3 and S6, furnish and install miscellaneous metal fabrications: A) ship ladder to west side of wet well, B) metal guard rails top of walls around wet well perimeter, C) metal grating covering top of wet well with associated support beams, D) elevated walkway from top of wet well to pretreatment unit, E) stairway starting at ground level and extending up to top, east side of pretreatment unit, F) handrail at top of wall along full length of new retaining wall per Sheet C14, Detail 1, and G) guard rails to each side of concrete stairs per Sheet C15/Detail 2/Section B. Note elevated walkway and stairs cannot be attached to or supported by adjacent pretreatment unit tank wall and those ends must be adequately self-supported from ground level; elevated walkway by columns or cantilever and stairs by multiple columns.

The lump sum price shall be full compensation for preparation/submittal of detailed shop drawings for District approval prior to fabrication, furnishing and installing all items including seismic rated anchors, and for all labor, equipment, tools and other incidentals to complete this item. Measurement and payment shall be proportional to the percentage of work completed for this item.

BID ITEM 17: Pretreatment Booster Pumps with 10" & 12" AE Piping and Valves

As shown on Sheet C7 and according to Sections 11078 and other applicable specifications, furnish and install three (3) pretreatment booster pumps including 12" AE suction piping (ductile iron piping, flanged spools and fittings) with 12" butterfly valves, 12" restrained flange adapters, 12"x8" reducers and including 10" AE discharge piping (ductile iron pipe, flange spools and fittings) with 8"x10" reducers, 10" restrained flange adapters, 10" AWWA C508 check valves, 10" butterfly valves, combination air release valves, pressure gauges, pipe supports and other miscellaneous items. The pumps shall be seismically anchored to the equipment pad; level and anchor each pumps with four (4) 1" diameter stainless steel threaded rods with minimum 9-inches of embedment using adhesive anchors (either Hilti HIT-RE 500 V3 or HIT-HY 200-A). Also, this item shall include associated excavating, backfilling with Class 2 AB and compacting and providing piping materials and mechanical restraint glands for completing 10"x20" AE underground connections. The Contractor shall coordinate and perform initial startup and testing of the pumps with the pump manufacturer's authorized service representative.

This item shall be measured and paid in accordance with the actual number of pumps installed. The unit price for each pump shall be full compensation for the preparation, furnishing, installing, and submittal of these materials, and for all labor, equipment, tools and incidentals to complete this item.

BID ITEM 18: Polymer Feed System / Building

Furnish and install polymer feed system and fiberglass (FRP) building as shown on Sheet C8 and specified in Section 13122 including lighting and receptacles, traffic bollards, polymer activation skid (per Section 11949), water heater, emergency shower/eyewash station, 400 gallon polymer storage tank (per Section 11416), and chemical tubing and secondary containment conduit for polymer feed lines between polymer skid and ballasted flocculation unit point of connection according to Contract Drawings. Provide anchoring calculations for FRP enclosure checked and stamped by a California registered civil or structural engineer. Furnish and install 1-1/2" and smaller size water lines to polymer building as shown on Sheet C3, Yard Piping Plan, and provide and complete water line, chemical tubing and other connection as shown on Sheet C8. Provide all trenching, backfill (Class 2 AB) and compaction for underground construction. This item to include startup and testing of the equipment.

Measurement and payment shall be lump sum prorated for percentage of work completed and full compensation for providing all labor, materials, equipment, tools and incidentals for this item.

BID ITEM 19: Coagulant & Permanganate Feed Systems

As shown on Sheet C10, furnish and install two (2) new progressive cavity pumps in accordance with Section 11079 for coagulant feed. Also, Contractor shall furnish and install Chemtrac HydroACT analyzer/controller and Duratrac 4 streaming current sensor and associated sampling and drain lines, power, and control wiring; the unit shall have optional chemical feed control to automatically adjust the coagulant dose via the progressive cavity pumps. In accordance with Section 11270 and shown on Sheet C11, Detail 4 and Section A, the Contractor shall furnish and install static mixer with injection ports/quills for coagulant and permanganate. The static mixer shall be located inside underground vault (include cast in place concrete work in Bid Item 15) with Contractor provided H20 traffic rated aluminum access cover (by Vault Access Solutions of Reno, NV Model Z double leaf or equal). Contractor is required to install manufacturer supplied inline mechanical mixer as shown on Sheet C4A and C5A. As shown on Sheets C3, C4B, C5B, and C6B, the Contractor shall furnish and install all underground secondary containment conduits and all underground and exposed chemical tubing and fittings for coagulant and permanganate chemical feed (e.g. 5/8" COAG and 5/8" KMnO4) and complete connections to mechanical mixer and static mixer; also, Contractor shall provide/extend conduit and tubing/fittings to complete connection at existing ozone tower. For underground work this shall include all potholing, excavation, backfill with Class 2 AB and compaction.

Measurement and payment shall be lump sum prorated for percentage of work completed and full compensation for providing all labor, materials, equipment, tools and incidentals for this item.

BID ITEM 20: Electrical Pretreatment Improvements

This item shall conform to requirements of Section 16010, Electrical and electrical drawings. Furnish, install, and configure new motor control center and pretreatment system control panel, level, flow, and analytical instruments. The motor control center (MCC-200) shown on Sheet E202 is furnished and installed by the Contractor; the "Actiflo Control Panel" shown on Sheet E212 is supplied by the pretreatment equipment manufacturer and installed by the Contractor. Provide barrier posts/bollards offset in front of all panels as shown on Sheets C1 and E200 and Sheet C12, Detail 3; barrier posts to be removable type if located in front of panel doors. As shown on Sheets E51, E100, E200 and E630 per conduit schedule, furnish and install all conduits, conductors, grounding, and control wiring. Furnish and install four (4) stanchion lights as shown on Sheet E200 and Sheet E32, Detail G. Provide power and control wiring for all new chemical feed systems provided on the project.

Measurement and payment shall be lump sum prorated for percentage of work completed and full compensation for providing all labor, materials, equipment, tools and incidentals for this item.

BID ITEM 21: Electrical Service Upgrade

As specified in Section 16010 and shown on the electrical drawings, the Contractor shall furnish and install new 1600-amp main switchboard, power distribution switchboards 1 and 2, and automatic transfer switch including conduits, trenching, backfill, grounding, etc. As shown on Sheets E2, E3, E4, E5 and E100, this bid item includes demolition and removal of existing 1200-amp ATS, existing cast-in-place transformer pad, existing switchboards and disconnecting all associated distribution loads. The Contractor shall furnish and install new precast PG&E transformer pad, new main switchboard, new secondary conduits, etc.; all work to comply with EUSERC and PG&E Greenbook. PG&E will supply and set the new transformer, disconnect/connect primary conductors, and supply secondary "conductors" from the new transformer to the new meter main switchboard. It is the Contractor's responsibility to coordinate all work and inspections with PG&E according to an agreed schedule and providing at least three weeks advanced notice/notification to all parties. For the switchover from the existing to new transformer and meter main switchboard, Contractor must

minimize time that District is operating on standby generator power and disconnected from the grid, a time period that shall not exceed seven calendar days. Also, as shown on Sheets E17 and E18, the Contractor is responsible for furnishing and installing new Power Distribution Switchboards 1 & 2 and reconnecting all associated distribution loads.

Measurement and payment shall be lump sum prorated for percentage of work completed and full compensation for providing all labor, materials, equipment, tools and incidentals for this item.

ADDITIVE BID ITEM A-1: Electrical System Analysis

Perform Electrical System Analysis including short-circuit study, protective device coordination study, and arc flash analysis and training in accordance with Section 16635. The study shall be conducted and certified by a California-licensed electrical engineer.

Measurement and payment shall be lump sum prorated for percentage of work completed and full compensation for providing all labor, materials, equipment, tools and incidentals for this item. The District may request to see the original proposal and fee for these services.

SECTION 00420
NON-COLLUSION AFFIDAVIT

NON-COLLUSION DECLARATION TO BE EXECUTED BY
BIDDER AND SUBMITTED WITH BID
(Public Contract Code Section 7106)

State of California
County of Calaveras

The undersigned declares:

I am the PRESIDENT of R. E. SMITH CONTRACTOR, Inc
the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or to refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder. All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed:

By [Signature]

Subscribed and sworn to before me on _____
(date)

(Notary Public)

(SEAL)

See attached
Jurat
dated 10-16-17

CALIFORNIA JURAT CERTIFICATE

A notary or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of CALIFORNIA

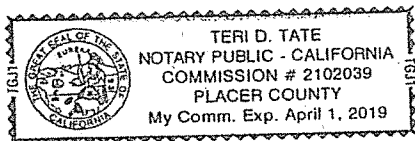
County of PLACER

Subscribed and sworn to (or affirmed) before me on this

16 day of October, 2017, by
Day Month Year

(1) Randall E. Smith
Name of Signer

proved to me on the basis of satisfactory evidence to be the person who appeared before me (.) (,) (and



(2) /
Name of Signer

proved to me on the basis of satisfactory evidence to be the person who appeared before me.)

Place Notary Seal Above

Teri D. Tate
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document

Description of Attached Document

Title or Type of Document: Non Collusion Affidavit

Document Date: 10-16-17 Number of Pages: 1

Signer(s) Other Than Named Above: /

SECTION 00430
BID BOND

Any singular reference to Bidder, Surety, Owner or other party shall be considered plural where applicable.

BIDDER (Name and Address):

R.E. Smith Contractor, Inc
10160 Quail Hill Drive
New Castle, CA 95658

SURETY (Name and Address of Principal Place of Business):

Travelers Casualty and Insurance Company of America
11070 White Rock Road, Suite 130
Rancho Cordova, CA 95670

OWNER (Name and Address):

Calaveras County Water District
120 Toma Court
San Andreas, CA 95249

BID

Bid Due Date: October 17, 2017

Description (Project Name and Include Location): Jenny Lind Water Treatment Plant Pretreatment Improvements Project

BOND

Bond Number: N/A

Date (Not earlier than Bid due date): October 17, 2017

Penal sum Five Percent of the Total Amount of Bid

(Words)

\$ 5% of Bid

(Figures)

Surety and Bidder, intending to be legally bound hereby, subject to the terms set forth below, do each cause this Bid Bond to be duly executed by an authorized officer, agent, or representative.

BIDDER

R.E. Smith Contractor, Inc

(Seal)

Bidder's Name and Corporate Seal

By:

Signature

RANDALL E. SMITH

Print Name

PRESIDENT

Title

Attest:

Signature

Cynthia Smith

Corporate Secretary

Title

SURETY

Travelers Casualty and Insurance Company of America (Seal)

Surety's Name and Corporate Seal

By:

Signature (Attach Power of Attorney)

David Weise

Print Name

Attorney-In-Fact

Title

Attest:

Signature

Title

Note: Above addresses are to be used for giving any required notice. Provide execution by any additional parties, such as joint venturers, if necessary.



POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 227014

Certificate No. 006971679

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

David Weise, Nicki Moon, Thomas R. Hucik, Rosalie A. Mischkiel, Tina S. Salas, and Lynn E. Patton

of the City of Rancho Cordova, State of California, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 9th day of September, 2016.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By: [Signature]
Robert L. Rancy, Senior Vice President

On this the 9th day of September, 2016, before me personally appeared Robert L. Rancy, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal. My Commission expires the 30th day of June, 2021.



[Signature]
Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

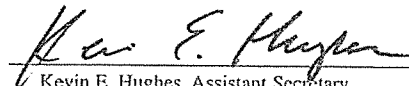
FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 17th day of October, 20 17.


Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Sacramento

On October 17, 2017 before me, Tina S. Salas, Notary Public
(insert name and title of the officer)

personally appeared David Weise
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

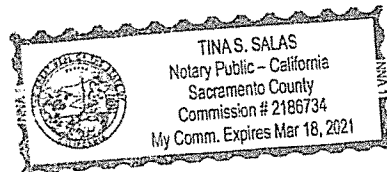
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Tina S. Salas

(Seal)



1. Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to pay to Owner upon default of Bidder the penal sum set forth on the face of this Bond. Payment of the penal sum is the extent of Bidder's and Surety's liability. Recovery of such penal sum under the terms of this Bond shall be Owner's sole and exclusive remedy upon default of Bidder.
2. Default of Bidder shall occur upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents.
3. This obligation shall be null and void if:
 - 3.1 Owner accepts Bidder's Bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents, or
 - 3.2 All Bids are rejected by Owner, or
 - 3.3 Owner fails to issue a Notice of Award to Bidder within the time specified in the Bidding Documents (or any extension thereof agreed to in writing by Bidder and, if applicable, consented to by Surety when required by Paragraph 5 hereof).
4. Payment under this Bond will be due and payable upon default of Bidder and within 30 calendar days after receipt by Bidder and Surety of written notice of default from Owner, which notice will be given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.
5. Surety waives notice of any and all defenses based on or arising out of any time extension to issue Notice of Award agreed to in writing by Owner and Bidder, provided that the total time for issuing Notice of Award including extensions shall not in the aggregate exceed 120 days from Bid due date without Surety's written consent.
6. No suit or action shall be commenced under this Bond prior to 30 calendar days after the notice of default required in Paragraph 4 above is received by Bidder and Surety and in no case later than one year after Bid due date.
7. Any suit or action under this Bond shall be commenced only in a court of competent jurisdiction located in the state in which the Project is located.
8. Notices required hereunder shall be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier, or by United States Registered or Certified Mail, return receipt requested, postage pre-paid, and shall be deemed to be effective upon receipt by the party concerned.
9. Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent, or representative who executed this Bond on behalf of Surety to execute, seal, and deliver such Bond and bind the Surety thereby.
10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond shall be deemed to be included herein as if set forth at length. If any provision of this Bond conflicts with any applicable statute, then the provision of said statute shall govern and the remainder of this Bond that is not in conflict therewith shall continue in full force and effect.
11. The term "Bid" as used herein includes a Bid, offer, or proposal as applicable.

SECTION 00440
COMPLIANCE STATEMENT

This statement relates to a proposed contract with CALAVERAS COUNTY
WATER DISTRICT
(Name of borrower or grantee)

I am the undersigned bidder or prospective contractor. I represent that:

1. I have, [] have not, participated in a previous contract or subcontract subject to Executive Order 11246 (regarding equal employment opportunity) or a preceding similar Executive Order.
2. If I have participated in such a contract or subcontract, I have, [] have not, filed all compliance reports that I have been required to file in connection with the contract or subcontract.

If the proposed contract is for \$50,000 or more and I have 50 or more employees, I also represent that:

3. I [] have, have not, previously had contracts subject to the written affirmative action program requirements of the Secretary of Labor.
4. If I have participated in such a contract or subcontract, I [] have, have not, developed and placed on file at each establishment affirmative action programs as required by the rules and regulations of the Secretary of Labor.

I understand that if I have failed to file any compliance reports that have been required of me, I am not eligible and will not be eligible to have my bid considered or to enter into the proposed contract unless and until I make an arrangement regarding such reports that is satisfactory to either the RHS, RBS, or RUS, or to the office where the reports are required to be filed.

I also certify that I do not maintain or provide for my employees any segregated facilities at any of my establishments, and that I do not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I certify further that I will not maintain or provide for my employees any segregated facilities at any of my establishments, and that I will not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I agree that a breach of this certification is a violation of the Equal Opportunity clause in my contract. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise. I further agree that (except where I have obtained identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause; that I will retain such certifications in my files; and that I will forward the following notice to such proposed subcontractors (except where the proposed subcontractors have submitted identical certifications for specific time periods.

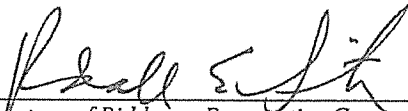
NOTICE TO PROSPECTIVE SUBCONTRACTORS OF REQUIREMENTS
FOR
CERTIFICATIONS OF NON-SEGREGATED FACILITIES

A certification of Nonsegregated Facilities, as required by the May 9, 1967, order (32F.R. 7439, May 19, 1967) on Elimination of Segregated Facilities, by the Secretary of Labor, must be submitted prior to the award of a subcontract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity Clause. The certification may be submitted either for each subcontract or for all subcontracts during a period (i.e., quarterly, semiannually, or annually)

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001.

Date:

Oct 17, 2017


Signature of Bidder or Prospective Contractor

Randall E Smith PRESS. & BLDG

10160 QUAIL HILL DR, NEWCASTLE, CALIF 95658
Address (including Zip Code)

SECTION 00460
CERTIFICATION FOR CONTRACTS, GRANTS AND LOANS

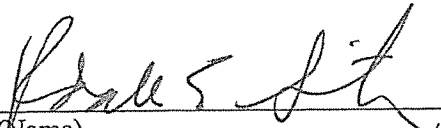
The undersigned certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant or Federal loan, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant or loan.

2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant or loan, the undersigned shall complete and submit Standard Form - LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including contracts, subcontracts, and subgrants under grants and loans) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.


(Name)
RONALD E. SMITH

OCT 17, 2017
(Date)

PRESIDENT
(Title)
R. E. SMITH CONTRACTOR, INC

SECTION 00470
LIST OF SUBCONTRACTORS

BIDDER: R. E. SMITH CONTRACTOR, Inc

Work to be Performed	Percent of Total Contract Price	Subcontractor's Name and Location of Place of Business, Contractor's License Number, and DIR Registration Number
Electrical	18%	Gold Electric Murphys CA CL 554744 DIR 1000002798
Re Bar	1%	Cambin Steel Rocklin, CA CL 218839 DIR 1000003852
- Paving	1%	George Reed Modesto CA CL 211337 DIR 100000#1042

(ADD ADDITIONAL SHEETS AS NECESSARY)

Contact Person (name/title): _____

Phone: _____ Email: _____

Project Description: (Ref. #2)

Project Reference #3

Project Title: _____

Contract Amount: _____

Dates (month/year): _____ to _____

Location: _____

Contact Person (name/title): _____

Phone: _____ Email: _____

Project Description: (Ref. #3)

*SEE
ATTACHED*

R. E. SMITH CONTRACTOR, INC.
GENERAL CONTRACTOR & ENGINEER

IN PROGRESS OR COMPLETED CONTRACTS AS OF OCTOBER 2017

Project Name	Owner	Engineer/Architect	Completed/ Contract Amt
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Finished Water Pump Station Electrification Project – Phase 2	City of Vallejo 555 Santo Clara Street Vallejo, Ca. 94590 Victor Gonzalez 707/552-2120	West Yost Associates 2020 Research Park Dr. Davis, Ca. 95618 Ty Tadano 530/756-5906	In Progress \$3,035,000 (123)
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Description: Demolish 7 each gas driven pumps and foundations. Replace 2 each 250 HP electric pumps and plant electrical upgrades including VFD's, MCC's and Control Panel. Demolish and replace 30" steel pipe suction and discharge piping including concrete pits. New ARV vault and tie ins to finished water piping. New 4000 gallon standby generator diesel storage tank and appurtenances.

Foothill Water Treatment Plant #2 Improvements Package 2	Placer County Water Agency 144 Ferguson Road Auburn, Ca. 95603 Aaron Sullivan 530/823-4850	HDR Engineers, Inc 2365 Iron Point Road Folsom, Ca. 95630	July 2017 \$1,820,000 (122)
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Description: Demolition of existing flocculators and installation of new flocculators and support structure; new butterfly valves 6" to 24" in existing manifold; new actuators to replace existing actuators at 6" to 30" valves; new mag meters and rate of flow control valves; new compressed air system; electrical, instrumentation and control improvements; and scada integration.

George Kristoff WTP Gaseous Chlorine to Liquid Hypochlorite Conversion Project WO #22007	City of West Sacramento 1110 West Capitol Ave. West Sacramento, Ca. 95691 Dan Mount 916/617-4862	Carollo Engineers, Inc. 2880 Gateway Oaks Dr. Sacramento, Ca. 95833 Jeff Riley 916/565-4888	May 2017 \$1,651,626 (121)
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Description: New sodium hypochlorite storage and feed facility, new sodium hypochlorite feed piping and injectors, new treated water caustic soda injector and associated piping, new treated water sample pump and associated piping, and demolition of the existing gaseous chlorine system.

Skycrest Well Equipping Project - #2013-21	Citrus Heights Water District 6230 Sylvan Road Citrus Heights, CA 95611 Brian Hensley 916/725-6873	NV5 2525 Natomas Park Dr. Suite 300 Sacramento, CA 95833 Linda Scroggs 916/641-9100	March 2016 \$1,840,999 (120)
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Description: Furnish and install deep well submersible pump, construct masonry building to house well piping, electrical, instrumentation, and chemical feed components. Complete electrical and underground piping to tie-ins. Complete sitework including ornamental and precast concrete fencing, paving, 24" bore and jack, storm drain and misc. site features.

R. E. SMITH CONTRACTOR, INC.
GENERAL CONTRACTOR & ENGINEER

IN PROGRESS OR COMPLETED CONTRACTS AS OF OCTOBER 2017

Project Name	Owner	Engineer/Architect	Completed/ Contract Amt
North Bay Regional WTP Sludge Lagoon No. 1 Decant Structure Improvements	City of Fairfield 1000 Webster Street Fairfield, CA. 94533 William Miller 707/428-7485	West Yost Associates 2020 Research Park Dr. Suite 100 Davis, CA 95618 530/756-5905	May 2015 \$209,420 (119)
<i>Description:</i> Removal and replacement of an existing decant structure at Sludge Lagoon No. 1 and related electrical and instrumentation facilities.			
Sutter Treatment Plant Improvements Project Project No. 2014-02(100738)	City of Modesto 1010 Tenth Street Modesto, Ca. 95354 Collin Yerzy 209/571-5175	Carollo Engineering 2700 Ygnacio Valley Rd. Walnut Creek, Ca. 94596 Ryan Sellman 925/932-1710	June 2015 \$2,529,019 (118)
<i>Description:</i> Work to include but not limited to: gate valve repairs, coating of digesters 1 and 2, improvements to digesters 1 and 2, replacement of grit piping, replacement of grit pumps, and sludge handling control building improvements.			
Wastewater Facility Upgrade Project, Contract C – Digester No. 2 Upgrades, Project No. 73001	Novato Sanitary District 500 Davidson Street Novato, CA 94945 Beverly S. James	RMC Water & Environment 2001 No. Main Street, Ste 400 Walnut Creek, CA 94956 Mark Takemoto 925/627-4100	August 2014 \$2,814,928 (116)
<i>Description:</i> Work to include but not limited to: demolition and replacement of Digester lid, piping and pumps; modify Standby Generators 1 and 2; coating/lining of Headworks/Channel; coating of the Primary Clarifier Mechanisms; miscellaneous site work and drainage; yard process piping; slope stabilization; electrical power and process instrumentation.			
Lake Wildwood WWTP Final Design UV Disinfection And Associated Improvements	County of Nevada 950 Maidu Avenue Nevada City, CA 95959	Kennedy/Jenks Consultants 2191 E. Bayshore Rd., Ste 200 Palo Alto, CA 94303	April 2013 \$1,935,099 (115)
<i>Description:</i> Work to include but not limited to: demolition of existing buildings and structures, construction of UV disinfection equipment, and modifications to the existing chlorine contact basin, oxidation ditch splitter box, RAS/WAS pump station, tertiary filters, tailworks chemical building, filter chemical and electrical building, emergency storage basin, diversion valve, plant drain pump station, site grading, site piping, electrical improvements, instrumentation and control improvements, miscellaneous site and facility improvements, and all associated work.			

R. E. SMITH CONTRACTOR, INC.
GENERAL CONTRACTOR & ENGINEER

IN PROGRESS OR COMPLETED CONTRACTS AS OF OCTOBER 2017

Project Name	Owner	Engineer/Architect	Completed/ Contract Amt
2012 Leachate Management Improvements McCourtney Road Landfill	County of Nevada 950 Maidu Avenue Nevada City, CA 95959		April 2013 \$648,336 (114)
<i>Description:</i> Construction includes but is not limited to site preparation, grading, asphaltic concrete placement, aboveground and underground piping, valves, fittings and manholes, prefabricated and cast-in-place concrete pump wells, above ground polyethylene tanks, transfer pumps and controls, fencing and site re-vegetation.			
Joyce Lift Station Improvement Project No. 10-09	City of Grass Valley Department of Public Works 125 East Main Street Grass Valley, CA 95945		April 2012 \$292,318 (112)
<i>Description:</i> Reconstruction of the existing sewer lift station including: temporary bypass of sewer flows; demolition, removal and subsequent replacement of the existing pumps, controls and associated piping; interior coating of the wet well; generator replacement; and other related materials and labor necessary for the complete, tested and operational installation of the sewer lift station.			
Darkhorse Sewage Pump Station	County of Nevada 950 Maidu Avenue Nevada City, CA 95959	Sauers Engineering Inc 440A Lower Grass Valley Rd Nevada City, CA 95959	July 2011 \$342,537 (111)
<i>Description:</i> Construct new submersible sewage pump station to include new precast concrete wet well, submersible pumps/accessories, valve vault, valves, fittings, flow meter, electrical control equipment, pre-manufactured composite building, chemical feed equipment, dry air scrubber, fencing and related site work.			
2009-2010 Plant Maintenance Project	Oro Loma Sanitary District 2655 Grant Avenue San Lorenzo, CA 94580 Bill Hallsted (510) 276-4700	Kennedy/Jenks Consultants 303 2 nd Street, Ste. 300 South San Francisco, CA 94107	October 2010 \$1,211,434 (110)
<i>Description:</i> Installation of miscellaneous piping, pumping and equipment modifications at the digestion facilities, modifications to the sodium hypochlorite feed and storage system, modifications to the potable water backflow prevention system, modifications to the plant utility water system, installation of utility water strainer system, miscellaneous electrical and instrumentation modifications, miscellaneous structural work, and appurtenant work as needed to construct a complete and operational project as specified.			

R. E. SMITH CONTRACTOR, INC.
GENERAL CONTRACTOR & ENGINEER

IN PROGRESS OR COMPLETED CONTRACTS AS OF OCTOBER 2017

Project Name	Owner	Engineer/Architect	Completed/ Contract Amt
Exbourne Water Tank #2 Water Main & Pump Station	Mid-Peninsula Water District No. 3 Dairy Lane Belmont, CA 94002	Pakpour Consulting 5776 Stoneridge Mall Rd Suite 320 Pleasanton, CA 94588 Joubin Pakpour	August 2010 \$1,899,426 (109)
<i>Description:</i> Demolish and remove existing water tank and pump station. Erect new steel water tank and new pump station. Add site waterline system and water main from Exbourne tank site to Buckland tank site.			
WWTP Chemical Facilities And Misc. Improvements CIP # 03-28	City of Woodland 300 First Street Woodland, CA 95695 530/661-5800	Ecologic Engineers 3875 Atherton Road Rocklin, CA 95765 Jack Harbour 916/577-0173	May 2009 \$529,604 (108)
<i>Description:</i> Construction of Chemical storage and feed system including containment facilities.			
Woodcreek North Pump Station Roseville, CA 95747	City of Roseville 311 Vernon Street Roseville, CA 95678	MWH Americas, Inc. 7909 Wintergreen Drive Citrus Heights, CA 95610 John Sollo	May 2008 \$1,562,178 (107)
<i>Description:</i> Construction of a 2000 GPM deep well pump station including controls and equipment.			
WTP Disinfection Modifications at Big Creek & Second Garrotte Groveland, CA 95321	Groveland Community Services District P.O. Box 350 Groveland, CA 95321 510/276-4700	Nolte Associates, Inc. 302 Cherry Lane, Ste 201 Manteca, CA 95337-4311 Jeff Inferrera 916/984-7726	April 2008 \$2,087,618 (106)
<i>Description:</i> Construction and installation of UV equipment, buildings and controls for two water treatment facilities.			
Tara Park Wastewater Pump Station Manteca, CA 95377	City of Manteca 1001 W. Center Street Manteca, CA 95337	Nolte Associates, Inc. 302 Cherry Lane, Ste 201 Manteca, CA 95337-4311 Dave Richard	October 2006 \$1,973,760 (105) *
<i>Description:</i> Construction and installation of a 4.0 million gallon per day wastewater pumping station and support structure, including a CIP wet well-dry well, and an odor control bio-filter facility.			