



## NOTICE OF ENGINEERING COMMITTEE MEETING

Covering Design, Construction, Capital Improvement,  
Master Plan and other Engineering, Operational and  
Planning Related Matters

**NOTICE IS HEREBY GIVEN** that the San Lorenzo Valley Water District has called a special meeting of the Engineering Committee to be held on Tuesday, October 19, 2021, 2:00 pm, via video/teleconference.

<https://global.gotomeeting.com/join/518357533>

You can also dial in using your phone.  
(For supported devices, tap a one-touch number below to join instantly.)

United States (Toll Free): 1 877 309 2073  
- One-touch: <tel:+18773092073,518357533#>

United States: +1 (571) 317-3129  
- One-touch: <tel:+15713173129,518357533#>

Access Code: 518-357-533

### AGENDA

1. Convene Meeting/Roll Call
2. Oral Communications  
*This portion of the agenda is reserved for Oral Communications by the public for items which are not on the Agenda. Please understand that California law (The Brown Act) limits what the Board can do regarding issues raised during Oral Communication. No action or discussion may occur on issues outside of those already listed on today's agenda. Any person may address the Committee at this time, on any subject that lies within the jurisdiction of the District. Normally, presentations must not exceed five (5) minutes in length, and individuals may only speak once during Oral Communications. Any Director may request that the matter be placed on a future agenda or staff may be directed to provide a brief response.*
3. Old Business:  
*Members of the public will be given the opportunity to address each scheduled item prior to Committee action. The Chairperson of the Committee may establish a time limit for members of the public to address the Committee on agendized items.*
  - A. ENGINEERING CALENDAR  
Review and discussion by the Committee.

4. New Business:  
*Members of the public will be given the opportunity to address each scheduled item prior to Committee action. The Chairperson of the Committee may establish a time limit for members of the public to address the Committee on agendized items.*
- A. ENGINEERING PROJECTS SUMMARY  
Review and discussion by the Committee regarding Engineering Projects.
- B. LEAK DETECTION REPORT  
Review and discussion by the Committee of the Leak Detection Report.
- C. QUAIL HOLLOW PIPELINE PROJECT CONSTRUCTION BID REVIEW  
Review of bid for the Quail Hollow Pipeline Project construction.
- D. QUAIL HOLLOW PIPELINE PROJECT CONSTRUCTION MANAGEMENT BID REVIEW  
Review of bid for the Quail Hollow Pipeline Project construction management.
- E. WATER MASTER PLAN REVIEW  
Review of the Water Master Plan.
5. Informational Material:
- Here is a link <https://www.slvwd.com/node/81/minutes> to previous Engineering Committee minutes
6. Adjournment

*Agenda documents, including materials related to an item on this agenda submitted to the Committee after distribution of the agenda packet, are available for public inspection and may be reviewed at the office of the District Secretary, 13060 Highway 9, Boulder Creek, CA 95006 during normal business hours. Such documents may also be available on the District website at [www.slvwd.com](http://www.slvwd.com) subject to staff's ability to post the documents before the meeting.*

**Certification of Posting**

I hereby certify that on October 15, 2021, I posted a copy of the foregoing agenda in the outside display case at the District Office, 13060 Highway 9, Boulder Creek, California, said time being at least 72 hours in advance of the meeting of the Engineering Committee of the San Lorenzo Valley Water District in compliance with California Government Code Section 54956.

Executed at Boulder Creek, California, on October 15, 2021.

\_\_\_\_\_  
Holly B. Hossack, District Secretary  
San Lorenzo Valley Water District

## Engineering Department Project Calendar October 2021

		October	November	December
1	2021 Pipeline - Capital Improvement			
		Awarded to Sandis 10/7, beginning design		
2	2021 Pipeline - FEMA			
		Awarded to Sandis 10/7, beginning design		
3	5 - Mile Pipeline			
		Constructibility Study still underway		
4	Alta Via Pipeline			
		Awaiting Geotech report, RFP by November		
5	AWIA Emergency Response Plan			
		Still awaiting initial draft		
6	Brookdale Tank Recoating			
		In preliminary design		
7	CA-9 Project			
		RFP pending CalTrans coordination		
8	Felton Acres Pressure Tank			
		Currently Evaluating Options		
9	Foreman Grading & Erosion Control			
		Geotech complete, design in progress		

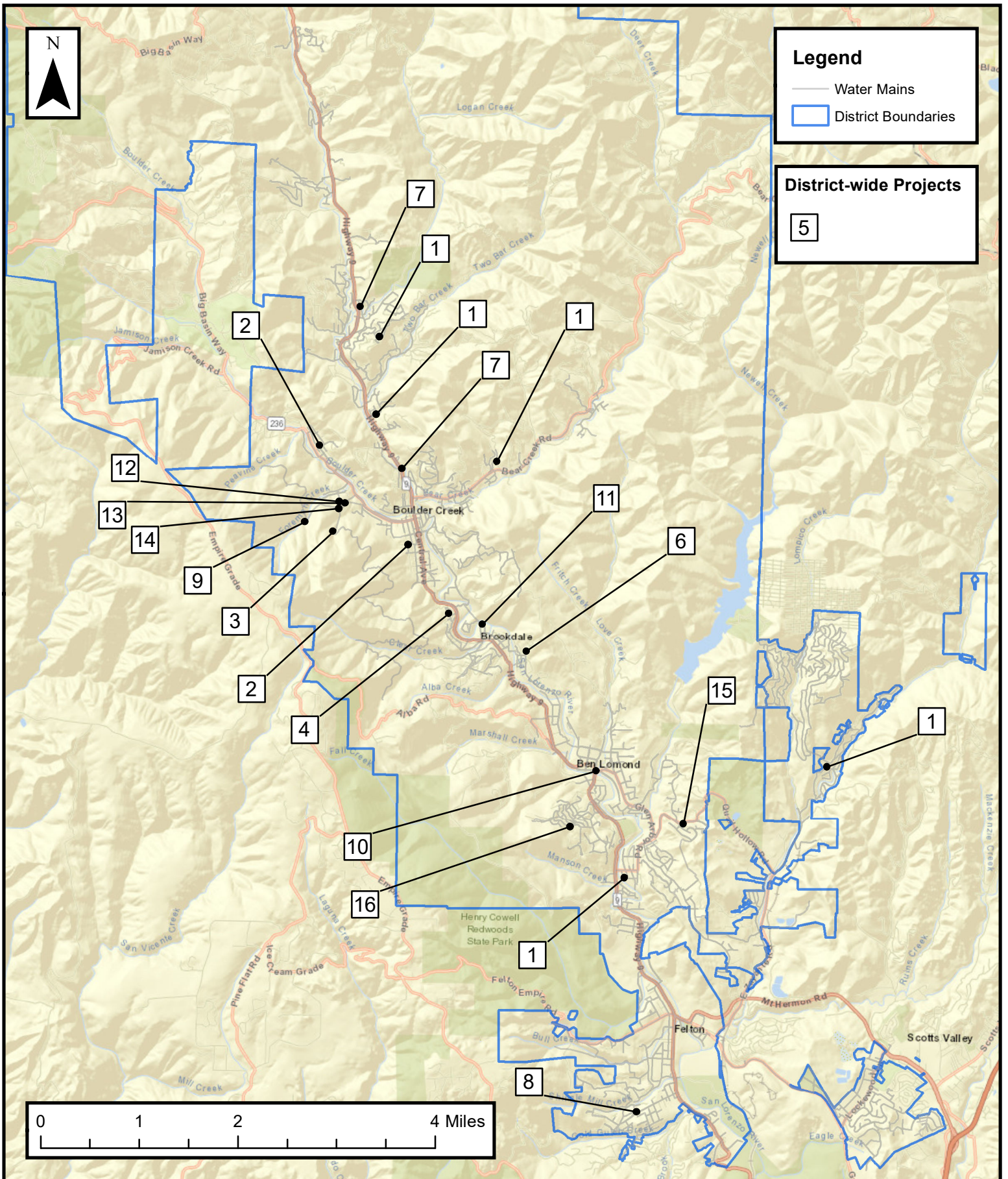
Index:	In Design	Out to Bid	Pre Construction
	In Construction	Post Construction	N/A

## Engineering Department Project Calendar October 2021

		October	November	December
10	Glen Arbor Bridge			
		Project to go out to bid pending Caltrans Encroachment Permit		
11	Huckleberry Island Main Reroute			
		Emergency Contract with MME following main break, survey in Oct		
12	Lyon Complex Road			
		Survey Field Work is complete, waiting on response to Design comments		
13	Lyon Pipeline Replacement			
		Survey field work complete, in design		
14	Lyon Slide Access Road			
		Geotech report currently being prepared		
15	Quail Hollow Pipeline			
		Bids received, award recommended at next Board meeting	Start delay due to materials	
16	Redwood Park Tank			
		Survey received	In-house design to begin in November after Alta Via	

Index:	In Design	Out to Bid	Pre Construction
	In Construction	Post Construction	N/A

Current as of:	10/13/2021	Disclaimer:	Dates on this calendar are approximated given current information, and are expected to change due to unforeseen
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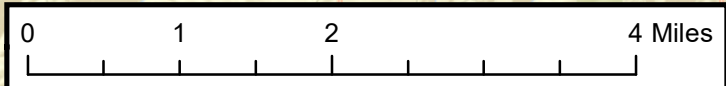



**Legend**

- Water Mains
- District Boundaries

**District-wide Projects**

5



 <b>San Lorenzo Valley</b> WATER DISTRICT	Date: 10/13/2021	<b>Engineering Calendar Project</b> <b>Map - October 2021</b>	13060 Hwy 9 Boulder Creek, CA 95006	1 of 1
	Scale: 1:80,000			
	Drawn By: JWS			
	Approved By: JLW			

Memo

From: District Engineer

To: Engineering Committee

Date: 10/13/2021

Subject: Summary of Projects

Current status of District projects is summarized below.

***Projects in Planning:***

1. Brookdale Tank Recoating
  - a. Staff are determining necessary rehabilitation at the Brookdale zone tank
  - b. Staff have solicited quotes from coating consultants for inspection and specification development; a determination as to path forward will be made by the end of October.
  - c. RFP for recoating and all other rehabilitation work required will be prepared following determination.
  
2. Felton Acres Pressure Tank
  - a. Staff are evaluating options for replacement of the failing Felton Acres pressure tank.
  
3. Redwood Park (Swim) Tank
  - a. Survey of the proposed pipe route has been received
  - b. Staff will begin in-house design of pipeline following completion of the Alta Via/Monan/Prospect Pipeline design; expected start for design of new pipeline in November.
  - c. Design and construction of replacement tank will follow design of pipeline. The intent is to complete construction of the pipeline before starting construction of the tank in order to allow use of the tank site for staging during pipeline construction. The area is extremely tight and no other staging area would be available.

***Projects in design or construction:***

4. 2021 CIP Pipeline Replacements
  - a. Project was awarded to Sandis Civil Engineers on 10/7/2021
  - b. Project includes all Capital Improvement Plan pipeline replacements for FY 21/22:
    - i. Orman Road
    - ii. Juanita Woods area
    - iii. Zayante Drive
    - iv. Oak Avenue/Hermosa Avenue area
  - c. Project also includes design of replacement tank for Blue Ridge pressure zone
  
5. 2021 FEMA Pipeline Replacements
  - a. Project was awarded to Sandis Civil Engineers on 10/7/2021

- b. Project includes all FEMA-funded pipeline replacements remaining from CZU fires:
    - i. Harmon Street
    - ii. Ridge Drive
  - c. Project also includes design of a new duplex pump system and associated station building to replace the existing single, unenclosed pump.
6. 5-Mile and Peavine Pipelines
- a. Constructability Study is under way (Freyer & Laureta)
7. Huckleberry Island Main Rerouting
- a. The HUD main suffered a break on Huckleberry Island on 9/3/2021. District forces repaired the break immediately.
  - b. The District has contracted with MME on an emergency basis to provide survey, preliminary design, and other engineering support related to realignment of the HUD main where it crosses the San Lorenzo River.
  - c. District staff have engaged the HOA on Huckleberry Island to begin the process of acquiring necessary easements for the revised pipe alignment.
8. Alta Via/Monan/Prospect Pipeline
- a. Geotech investigation of the site is complete, Staff are waiting for the report from Pacific Crest Engineering
  - b. In-house design of pipelines is complete
  - c. Specifications are under development
9. CA-9 Bridges Water Main Relocation Design
- a. MME is in preliminary design phase – Caltrans coordination
10. Foreman Grading/Erosion Control
- b. Geotech investigation is complete, F&L is working on prelim design
11. Glen Arbor Bridge Crossing
- a. Freitas+Freitas has completed revisions to the plans for the proposed replacement bridge crossing, Staff have resubmitted plans to Caltrans for review.
  - b. Project will go out for bidding for construction subsequent to District receipt of the Caltrans Encroachment Permit
12. Lyon Pipeline
- a. Schaaf & Wheeler have contracted with Kier & Wright for survey. Survey field work is complete
13. Lyon Slide Access Road
- a. Drilling for geotechnical investigation of the site is complete
  - b. Haro Kasunich is preparing the site geotechnical report
  - c. Sandis is addressing District Staff comments on preliminary road design

14. Master Plan/Model

- a. Final Draft report received, Staff are reviewing
- b. Model has been used for the following analyses to date:
  - i. System-wide hydrant flow capacity
  - ii. Lyon pipeline option analysis, including flow and pressure
  - iii. Big Steel pipeline option analysis, including flow and pressure

15. Quail Hollow Pipeline

- a. Staff received thirteen (13) bids for construction, GraniteRock Company is the low bidder; staff are recommending to the Board that award be made at the 10/21/2021 Board Meeting.
- b. Note that this project will be subject to approximately 120 day delays due to material shortages.
- c. Staff have been in communication with the County regarding:
  - i. Encroachment permitting – all preparatory work has been done to simplify the contractor’s application
  - ii. Road finished surface – Staff have negotiated inclusion of the work area in the County’s Measure D resurfacing work, eliminating the requirement that the District’s project include a Type 2 Slurry Seal, one full lane wide in all disturbed areas, for the length of the project. The District will be invoiced by the County for the low-bid cost of a Type 2 Slurry Seal when the County resurfaces the roadway. Note that the resurfacing will be with a Cape Seal, which is a superior product to Type 2 Slurry Seal, the District will be contributing the cost of the lesser product.

***Projects recently completed:***

16. Little Lyon Recoating

- a. Work is complete, tank is in service

17. Lompico Tanks

- b. Work is complete, tanks are in service
- c. Road repairs at Kaski tank are complete

***Notes:***

I. Foreman Electrical work

- a. Staff are working on establishing scope for this project, RFP will follow. This scope is development is delayed, as staff cannot determine required conduit sizing until a determination is made regarding possible inclusion of hydroelectric generation feasibility; this is being considered as part of the 5-Mile Constructability Study.



- II. FEMA work related to documentation of losses sustained during the CZU fires and restoration work, both completed and future, has been a strong focus of the District generally and of the Engineering Department specifically. This effort requires significant investment of time by all District staff.
- III. Staff have completed new Standard Specifications for District projects. These Specifications have been uploaded to the District website.
- IV. Engineering is continuing the recruiting process for a GIS/CAD specialist. The position recruitment period ended 9/14/2021, but has been extended to “Open until filled” due to low response.

## MEMO

To: Engineering Committee  
From: District Manager  
Prepared By: Director of Operations  
SUBJECT: SYSTEM WIDE WATER LINE LEAK DETECTION ANALYSIS  
DATE: October 19, 2021

### RECOMMENDATION

It is recommended that the Engineering Committee review this memo and discuss the District's leak detection program moving forward

### BACKGROUND

In Fiscal Year 2020-21 the District undertook a full system wide leak detection program finding 27 leaks. Leak detection was done over a three-week period.

In Fiscal Year 2018-19 the District undertook a full system wide leak detection program finding 40 leaks. Leak detection was done over a four-week period.

In Fiscal Year 2014-15 the District undertook a full system wide leak detection program finding 39 leaks. Leak detection was done over a four-week period.

The District contracted with Utility Services Associates (USA), Seattle, Washington. Leak detection was performed using state of the art acoustical listening devices and digital correlation technology.

The leak detection projects were broken down into two different phases.

1. Survey Phase - Sounding of appurtenances and recording all leak anomalies detected for further investigation.
2. Pinpointing Phase - pinpoint all anomalies that were detected during the survey phase.

After pinpointing District staff returned and facilitated repairs. Leak detection project is considered a success. AWWA industries standard is to complete leak detection of a water system every 3 to 5 years.

The incremental cost for every million gallons of water is approximately \$904. This number is derived from the Districts AWWA water loss audit. It includes pumping/power cost, chemical cost, lab cost, and outside water analysis cost.

All leaks identified in the 2021 leak detection program have been investigated with no findings and or fixed. Many of the leaks identified in the program were in meter and valve boxes. This is a frequently normal area for leaks to be found as these valves have packing area's built in to them for moving parts. These leaks do take extended periods of time to surface and or flow out of the boxes at such low GPM's. Some of the leaks also identified had been reported and or staff had previous knowledge of the leak. It is in the contractor's protocol to report any identified leak in the system weather the leak is known about or not.

#### Cost for leak detection

2021 Contract	\$19,557 = 15 Day's	Staff	\$9,600
2018 Contract	\$25,306 = 20 Day's	Staff	\$12,400
2014 Contract	\$24,536 = 20 Day's	Staff	\$12,000

#### Total Leaks Pinpointed 2020

Total Distance Leak detected in Miles	104 +/-
Total Days in Leak Detection	15
Leaks Pinpointed	
• Main Line	10
• Valve	7
• Hydrant	4
• Service Line	1
• Service Connection	1
• Meter	1
• Other	3
Total Leaks Pinpointed	27

#### Estimated Total Water Loss Identified with leak detection 2020

Gallons Per Minute	54.5
Gallons Per Day	78,480
Gallons Per Month	2,387,100
Gallons Per Year	28,645,200

#### Total Leaks Pinpointed 2018

Total Distance Leak detected in Miles	100 +/-
Total Days in Leak Detection	20
Leaks Pinpointed	
• Main Line	20
• Valve	5
• Hydrant	2
• Service Line	6
• Service Connection	4
• Meter	2

• Other	1
Total Leaks Pinpointed	40

Estimated Total Water Loss Identified with leak detection 2018

Gallons Per Minute	128.20
Gallons Per Day	184,608
Gallons Per Month	5,615,160
Gallons Per Year	67,381,920

Total Leaks Pinpointed 2014

Total Distance Leak detected in Miles	106 +/-
Total Days in Leak Detection	20
Leaks Pinpointed	
• Main Line	11
• Valve	5
• Hydrant	2
• Service Line	5
• Service Connection	7
• Meter	7
• Other	2
Total Leaks Pinpointed	39

Estimated Total Water Loss Identified with leak detection 2014

Gallons Per Minute	68.25
Gallons Per Day	98,280
Gallons Per Month	2,948,400
Gallons Per Year	35,872,200

YEAR	LEAKS	ESTIMATED GALLONS
2016 - APRIL TO DECEMBER	149	650,177
2017	185	54,731,231
2018	158	8,260,912
2019	241	9,427,168
2020	197	2,183,488
2021	175	2,221,625

Content in the above table includes leak detection leaks as well. Our Springbrook data collection system was installed and put in to use by the District in April 2016, being the reasoning for the table above recording back to April 2016.





MEMO

To: Engineering Committee  
From: District Engineer  
Subject: Bid Review for Quail Hollow Pipeline Replacement Construction Project  
Date: October 14, 2021

Executive Summary:

Bids were received on October 4, 2021 for construction of the Quail Hollow Pipeline Replacement project. District Staff recommend that the Engineering Committee review the low bid and make an award recommendation to the Board of Directors.

Project Summary:

The RFP prepared and published by District Staff and Schaaf & Wheeler Consulting Civil Engineers presented plans, specifications, and bidding requirements for the Quail Hollow Pipeline Replacement Project. This project includes construction of a new 12-inch ductile iron pipe main, abandonment of the existing 6-inch transite pipe main, installation of additional fire hydrants, upgrade of existing fire hydrants, installation of required appurtenances, testing of all newly installed facilities, and restoration of the project area.

Bids Received:

The District received thirteen (13) proposals for the Design phase of this project, tabulated below in ascending cost order:

<b>Construction Firm</b>	<b>Total Cost</b>
Graniterock Company	\$2,387,000
Ranger Pipeline	\$2,514,080
Durden Construction	\$2,539,517
McGuire Hester	\$2,592,920
DPI Inc.	\$2,626,740
Precision Grade	\$2,662,960
MPE Engineering	\$2,684,720
JMB Construction	\$2,788,760
Don Chapin	\$2,920,417
Pacific Underground	\$3,199,192
Sanco Pipelines	\$3,216,762
Anderson Pacific	\$3,231,100
Lewis & Tibbetts	\$4,534,438

As shown above, the low bid is from GraniteRock Company, in the amount of \$2,387,000.

Analysis Procedure:

The proposals were reviewed by District Staff for completeness, in conformance with the RFP, and found to be complete. District Staff then ranked the thirteen (13) proposals. Each proposal was scored in the following areas:

- Total cost
- Responsiveness of proposing firm to requirements of the RFP
- Demonstrated understanding of the project scope as reflected in each proposal
- Proposing firm's experience and references

Recommendation:

District Staff recommend that the Engineering Committee review the low bid and provide a recommendation to the Board of Directors.



**SECTION 00010A**

**TITLE PAGE**



**SAN LORENZO VALLEY WATER DISTRICT  
13060 CA-9  
BOULDER CREEK, CALIFORNIA 95006**

**Quail Hollow Pipeline Replacement**

**August 20, 2021**

**BID DOCUMENT VOLUME II OF II**

**CONTRACT BID FORMS**

**Prepared by:**

**Schaaf & Wheeler, Consulting Civil Engineers  
3 Quail Run Circle, Suite 101  
Salinas, CA 93907**

**SECTION 00015A**

**CONTRACT BID FORMS TABLE OF CONTENTS**

**VOLUME II – CONTRACT DOCUMENTS**

**Entire Volume II Contract Bid Forms Due at Time of Bid**

<b>Section</b>	
00010A	Title Page
00015A	Contract Bid Forms Table of Contents
00300	Bid Proposal
00404	List of Material and Equipment Manufacturers
00405	List of Subcontractors
00406	Contractor Licensing Statement
00408	Contractor's Experience Statement
00410	Bid Security
00415	Bid Guaranty Bond
00420	Safety Compliance
00480	Non-Collusion Affidavit
00485	Iran Contracting Act Certification

**SECTION 00300**

**BID PROPOSAL**

San Lorenzo Valley Water District  
13060 CA-9  
Boulder Creek, CA 95006

Ladies and Gentlemen:

The undersigned hereby proposes to perform all Work for which a Contract may be awarded him/her and to furnish any and all plant, labor, services, materials, tools, equipment, supplies, transportation, utilities, water, and all other items and facilities necessary therefore as provided in the Contract Documents, and to do everything required therein for the Work as set forth in the documents entitled:

**QUAIL HOLLOW PIPELINE REPLACEMENT**

Together with appurtenances thereto, all as set forth on the Bid Package and other Contract Documents; and he/she further proposes and agrees that, if this Bid is accepted, he/she will contract in the form and manner stipulated to perform all the Work called for by Drawings, Specifications, and other Contract Documents, and to complete all such Work in strict conformity therewith within the time limits set forth therein, and that he/she will accept as full payment therefore the prices set forth in the Bid Schedule forming a part hereof.

It is understood and agreed that:

1. The undersigned has carefully examined all the Contract Documents which will form a part of the Contract; and all additions, deletions, modifications, appendices, and all Addenda as prepared prior to the date of bid opening setting forth any modifications or interpretations of any of said documents.
2. The undersigned has by investigation of the site of the Work and otherwise satisfied himself/herself as to the nature and location of the Work and has fully informed himself/herself as to all conditions and matters which can in any way affect the Work or the cost thereof;
3. The undersigned fully understands the scope of the Work and has checked carefully all words and figures inserted in the Bid and he/she further understands that SLVWD will in no way be responsible for any errors or omissions in the preparation of this Bid;
4. The undersigned will execute the Contract Agreement and furnish the required proof of insurance coverage within ten (10) work days (not including Sundays and holidays) after Notice of Award to him/her of acceptance of his/her Bid by SLVWD.
5. The undersigned Bidder further agrees that if he/she shall fail to complete the Work within the Contract Time and any authorized extension thereof, he/she shall pay liquidated damages in the amount specified in the Contract Agreement to SLVWD for

Revised per Addendum 2

each calendar day of unauthorized delay in completion of the Work, until the Work is completed unless another amount is agreed to and stated in the Contract Agreement.

6. The undersigned hereby certifies that this proposal is not made in the interest of; or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that 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 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, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that 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, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.
7. In conformance with current statutory requirements of Section 1860, et seq., of the Labor Code of the State of California, the undersigned confirms the following as his/her certification; I am aware of the provision of Section 3700 of the Labor Code which require every employer to be insured against liability for workmen's compensation or to undertake self insurance in accordance with the provisions before commencing the performance of the Work of this Contract.
8. SLVWD has obtained from the Director of the Department of Industrial Relations ("DIR") the general prevailing rate of per diem wages and the general prevailing rate for holiday and overtime work in the locality in which the Public Work is to be performed for each craft, classification or type of workman needed to execute this Contract. (Copies of the wage determination are on file and may be obtained by interested parties at the office of SLVWD). The Contractor and all Subcontractors shall comply with all requirements and provisions of Section 1775 and 1776 of the California Labor Code. The Contractor shall forfeit, as a penalty to SLVWD, two-hundred dollars (\$200.00), for each calendar day, or portion thereof, for each worker paid less than stipulated prevailing rates for Work done under the Contract Agreement by him, or any Subcontractor under him, in violation of the provisions of the California Labor Code. Copies of these wage determinations shall be posted and maintained at the job site by the successful bidding Contractor.
  - a. Subject to the provisions of Section 1810 to 1815, inclusive, of the California Labor Code, the time of service of any laborer, workman, or mechanic employed on the Work shall be limited and restricted to eight (8) hours during any one (1) calendar day and forty (40) hours in any one (1) calendar week, except as otherwise provided in said sections, and the Contractor shall forfeit to SLVWD as a penalty, twenty-five dollars (\$25.00) for each laborer, worker, or mechanic employed in the

- execution of the Work by him or any Subcontractor under him for each calendar day during which such laborer, worker, or mechanic is required or permitted to labor more than eight (8) hours in any one (1) calendar day and forty (40) hours in any one (1) calendar week in violation of provisions of the California Labor Code.
- b. The Contractor and all Subcontractors shall conform to all the requirements of Sections 1777.5 and 1777.6 of the California Labor Code concerning the employment of apprentices by the Contractor or any Subcontractor under him. The Contractor shall provide SLVWD with a copy of the contract award information at the time that information is submitted to the applicable apprenticeship program. Within sixty (60) calendar days after concluding the Work pursuant to this Contract, the Contractor shall submit, and require each Subcontractor under him to submit, to SLVWD and the apprenticeship program a verified statement of the journeyman and apprentice hours performed on the Contract.
  - c. Contractor and all Subcontractors shall comply with Sections 1776 and 1771.4(a)(3) of the California Labor Code, regarding payroll records, and shall be subject to penalties for violation thereof. The Contractor shall cause a clause identical to Section 00800CA, Paragraph K to be included in every subcontract for Work pursuant to this Contract.
  - d. Contractor shall not perform work with a Subcontractor who is ineligible to perform work on a public works project pursuant to Sections 1777.1 or 1777.7 of the California Labor Code.
9. In compliance with Section 1725.5 of the California Labor Code, Contractor must be, and must require all Subcontractors be, registered with the DIR prior to execution of the Contract Agreement. Contractor and all Subcontractors who bid or work on, and/or who are awarded the Contract Agreement, must be registered with and pay an annual fee to the DIR. Neither Contractor nor any Subcontractors may be listed on this Bid Proposal unless registered with the DIR pursuant to Section 1725.5 of the Labor Code. Neither Contractor nor any Subcontractors may be awarded the Contract Agreement unless registered with the DIR pursuant to Section 1725.5 of the Labor Code. This project is subject to compliance monitoring and enforcement by the DIR. Contractor shall submit proof of current DIR registration, and shall require all Subcontractors to submit proof of current DIR registration, to SLVWD prior to commencing work on this project.
10. In compliance with the provisions of Section 4100-4114 of the Public Contract Code of the State of California, and any amendments thereof, the undersigned Bidder has set forth below the name and the location of the place of business of each Subcontractor who will perform work or labor or render service to the Contractor in or about the construction of the Work to be performed under the Contract Documents in which this Bid is responsive, and where the portion of the Work which will be done by each Subcontractor for each subcontract is in excess of one-half of one percent (0.5%) of the Total Bid. The undersigned Bidder understands that if he/she fails to specify a Subcontractor for any portion of the Work or specifies more than one subcontractor for any portion of the Work, he/she shall be deemed to have agreed to

perform such portion himself/herself and that he/she shall not be permitted to sublet or subcontract that portion of the Work except in cases of public emergency or necessity, and then only after a finding is reduced to writing as a public record of SLVWD setting forth the facts constituting the emergency or necessity.

11. Receipt is hereby acknowledged of addenda number(s) 1 through 3.
12. The undersigned is licensed in accordance with the Laws of the State of California: License Number 22 Class A, B, C12 w/ Haz, Expiration Date 4/30/2023.
13. The undersign is registered with the California Department of Industrial Relations, DIR Registration Number: 1000000239.
14. If the Bidder is a partnership, corporation, or joint venture, the undersigned certifies that he/she is entitled to execute and submit this Bid proposal on behalf of bidder.
15. In signing below, the Bidder certifies that its Total Bid includes funds sufficient to allow the Bidder to comply with all applicable local, state, and federal laws or regulations governing the labor or services to be provided under the Contract. Furthermore, the Bidder hereby indemnifies SLVWD for liabilities and penalties for violations of Section 2810 of the California Labor Code.

NOW: In compliance with all the provisions herein before stipulated, the undersigned, with full cognizance thereof, hereby proposes to perform the entire Work for the prices set forth in the attached Schedule(s) upon which Award of Contract is made. (A duly authorized officer of the company may sign on the president's behalf.)

Individual Name: \_\_\_\_\_

Contractor Address: \_\_\_\_\_

Partnership Name: \_\_\_\_\_

Business Address: \_\_\_\_\_

Phone No.: \_\_\_\_\_

By: \_\_\_\_\_, Partner

Other Partners: \_\_\_\_\_

\_\_\_\_\_

Corporation: Name: GRANITE ROCK COMPANY

Business Address: 5225 Hellyer Avenue, Suite 220

Business Address: San Jose, CA 95138

Phone No.: 408-574-1400

Name: Rodney Jenny

Title: Executive Vice President

Organized under the laws of the State of California.

Date: 9.29.2021

(Place

By:   
Signature

Seal

Rodney Jenny, Executive Vice President  
(Print Name and Title)

Here)



## CERTIFICATION OF CORPORATE RESOLUTION

The directors of Granite Rock Company, a corporation organized and existing under the laws of the State of California, duly approved, on March 19, 2020, in accordance with the Articles of Incorporation and Bylaws of the corporation, the following resolution:

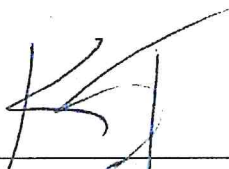
RESOLVED, that each of the following persons is fully authorized to sign construction project bid and contract documents on behalf of Granite Rock Company, doing business as Graniterock, and to bind the corporation with respect to such documents:

Lisa Cole	Henry Ramirez
Kevin Jeffery	Rich Sacher
Rodney Jenny	Steve Snodgrass
Aaron Johnston	Rob Snyder
Mark Kaminski	Tom Squeri
Shirley Ow	Chris Sveum
Matt Reade	

I, Kevin Jeffery, Vice President and Secretary of Granite Rock Company, do hereby certify that I am the Vice President and Secretary of such corporation, and that the above resolution was duly adopted by the Board of Directors of such corporation, and that such resolution has not been revoked or rescinded.

In witness whereof, I have hereunto subscribed my name and affixed the seal of such corporation.

Dated: 9/29/2021

  
\_\_\_\_\_  
Kevin Jeffery  
Vice President and Secretary

- Monterey County
- San Benito County
- San Mateo County
- Santa Clara County
- Santa Cruz County
- Alameda County
- City and County of San Francisco





## Granite Rock Company

Incorporated in the State of California

### OFFICERS OF THE COMPANY

<b>Chairman of the Board</b>	Mark Kaminski 350 Technology Drive Watsonville, CA 95076
<b>President &amp; CEO</b>	Thomas Squeri 350 Technology Drive Watsonville, CA 95076
<b>Vice President &amp; CFO</b>	Stephen Snodgrass 350 Technology Drive Watsonville, CA 95076
<b>Vice President, General Counsel Secretary</b>	Kevin Jeffery 350 Technology Drive Watsonville, CA 95076
<b>Executive Vice President, Construction Division</b>	Rodney Jenny 5225 Hellyer Avenue, Suite 220 San Jose, CA 95138
<b>Executive Vice President, Material Plants Division</b>	Rich Sacher 350 Technology Drive Watsonville, CA 95076
<b>Executive Vice President, Aggregate Division</b>	Henry Ramirez 350 Technology Drive Watsonville, CA 95076
<b>Vice President Human Resource Services</b>	Shirley Ow 350 Technology Drive Watsonville, CA 95076
<b>Vice President Environmental, Quality, Safety, Geology</b>	Charles A. Johnston 350 Technology Drive Watsonville, CA 95076

- Monterey County
- San Benito County
- San Mateo County
- Santa Clara County
- Santa Cruz County
- Alameda County
- City and County of San Francisco

**QUAIL HOLLOW PIPELINE REPLACEMENT  
BID SCHEDULE**

ITEM NO.	ITEM/DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COST
1	Mobilization/Demobilization	1	LS	85000-	85000-
2	Sheeting, shoring and bracing	1	LS	20000-	20000-
3	Traffic Control	1	LS	100000-	100000-
4	12" Ductile Iron Water Main	7,460	LF	250-	1,865,000
5	Connect to Existing 12" HDPE Main (Cumora Lane)	1	LS	15000-	15000-
6	Connect to Existing 12" Main (W. Zayante Rd)	1	LS	20000-	20000-
7	1" Residential Services	5	EA	8500-	42500-
8	2" Air-Vac Valve	1	EA	8500-	8500-
9	Fire Hydrants (New)	13	EA	11500-	149,500- +395RJ
10	Abandon 6" AC Water Main	1	LS	30000-	30000-
11	Additional AC Paving	100	SY	70-	7000-
12	Permits Allowance	1	ALW	\$30,000	\$30,000
13	Reconnect Existing Hydrant	1	EA	3000-	3000-
14	Type II Slurry Seal	15,765	SY	Not Used	Not Used
15	Demo. Hydrant (District to Retain)	2	EA	1250-	2500- +250RJ
16	Undercrossing (Sleeved)	3	EA	3000-	9000-
<b>TOTAL BID PRICE:</b>				\$	2,387,000-
Units: ALW=Allowance, CF=Cubic Foot, CY=Cubic Yard, DY=Day, HR=Hour, LF=Linear Foot, LS=Lump Sum, SF=Square Foot, SY=Square Yard, VLF=Vertical Linear Foot					

TOTAL BID (in words): TWO Million Three Hundred Eight Seven Thousand Dollars

**END OF SECTION 00300**

**SECTION 00404**
**LIST OF MATERIALS AND EQUIPMENT MANUFACTURERS**

The undersigned Bidder understands and agrees that SLVWD may consider this Bid incomplete and unresponsive unless the Bidder names a manufacturer for each item of material or equipment in the following list. The undersigned Bidder hereby agrees that, after submission of this Bid, he/she will not make any change in the following listing of manufacturers and will not award a contract or agreement of any kind to a manufacturer not listed below for the listed items of material or equipment unless such change, award, or agreement is first approved in writing by SLVWD according to the provisions of the Contract Documents pertaining to substitutions and equals. The Bidder hereby certifies that the manufacturers' names below produce the listed items of material or equipment which comply with the requirements of the Contract Documents, and the undersigned Bidder will furnish and install the complying material or equipment of the manufacturers' names in the following list.

The items identified in the table below are deemed mandatory and shall be completed by the Bidder; however, the listed items are not considered to be a complete listing of materials or equipment required for the Project. The Bidder shall provide additional items manufacturer and model for other items.

<b>SCHEDULE OF MANUFACTURERS</b>		
<b>ITEM</b>	<b>MANUFACTURER</b>	<b>MODEL</b>
Ductile IRON pipe	American cast Iron pipe company	<del>Release valve RJ</del> None
<sup>Air</sup> Release valve	Apco	145C
Gate valves/ Firehydrants	Clow / Mueller	2639/2361/960
Water service material	Ford	202B / FB1000 / BA4344/VL
D.I. Sittings	Sigma / star / Tyler	None
Tapping sleeves / FCA	Romac	FTS420 / FCA 501

**END OF SECTION 00404**

**SECTION 00405**

**LIST OF SUBCONTRACTORS**

The Bidder is required to furnish the following information in accordance with the provisions of the California Subletting and Subcontracting Fair Practices Act, contained in Section 4100 to 4114, inclusive, of the Public Contract Code of the State of California and any amendments thereto, for each subcontractor performing more than one-half of one percent (0.5%) of the Total Bid. Do not list alternative subcontractors for the same work. The Contractor shall list only one subcontractor for each such portion of Work as is defined by the Contractor in his/her Bid. Contractor shall not substitute any person as subcontractor in the place of a subcontractor listed below, except as provided in the General Conditions.

The Bidder understands that if he/she fails to specify a subcontractor for any portion of the Work to be performed under the Contract, or specifies more than one subcontractor for the same portion of the Work, he/she shall be deemed to have agreed that he/she is fully qualified to perform that portion himself/herself and that he/she shall not be permitted to sublet or subcontract that portion of the Work, except as provided in the General Conditions.

Name under Which Subcontractor is Licensed	License Number and DIR Registration Number	Address and Telephone Number	Specific Description of Subcontract and Percent of Total Base Bid
Chrisp Company	374600 1000000306	43650 Osgood Rd Fremont, CA 94539 510-656-2840	Striping  1 %
			%
			%
			%
			%
			%

**END OF SECTION 00405**

**SECTION 00405**

**LIST OF SUBCONTRACTORS**

The Bidder is required to furnish the following information in accordance with the provisions of the California Subletting and Subcontracting Fair Practices Act, contained in Section 4100 to 4114, inclusive, of the Public Contract Code of the State of California and any amendments thereto, for each subcontractor performing more than one-half of one percent (0.5%) of the Total Bid. Do not list alternative subcontractors for the same work. The Contractor shall list only one subcontractor for each such portion of Work as is defined by the Contractor in his/her Bid. Contractor shall not substitute any person as subcontractor in the place of a subcontractor listed below, except as provided in the General Conditions.

The Bidder understands that if he/she fails to specify a subcontractor for any portion of the Work to be performed under the Contract, or specifies more than one subcontractor for the same portion of the Work, he/she shall be deemed to have agreed that he/she is fully qualified to perform that portion himself/herself and that he/she shall not be permitted to sublet or subcontract that portion of the Work, except as provided in the General Conditions.

Name under Which Subcontractor is Licensed	License Number and DIR Registration Number	Address and Telephone Number	Specific Description of Subcontract and Percent of Total Base Bid
			%
			%
			%
			%
			%
			%

**END OF SECTION 00405**

**SECTION 00405**

**LIST OF SUBCONTRACTORS**

The Bidder is required to furnish the following information in accordance with the provisions of the California Subletting and Subcontracting Fair Practices Act, contained in Section 4100 to 4114, inclusive, of the Public Contract Code of the State of California and any amendments thereto, for each subcontractor performing more than one-half of one percent (0.5%) of the Total Bid. Do not list alternative subcontractors for the same work. The Contractor shall list only one subcontractor for each such portion of Work as is defined by the Contractor in his/her Bid. Contractor shall not substitute any person as subcontractor in the place of a subcontractor listed below, except as provided in the General Conditions.

The Bidder understands that if he/she fails to specify a subcontractor for any portion of the Work to be performed under the Contract, or specifies more than one subcontractor for the same portion of the Work, he/she shall be deemed to have agreed that he/she is fully qualified to perform that portion himself/herself and that he/she shall not be permitted to sublet or subcontract that portion of the Work, except as provided in the General Conditions.

Name under Which Subcontractor is Licensed	License Number and DIR Registration Number	Address and Telephone Number	Specific Description of Subcontract and Percent of Total Base Bid
			%
			%
			%
			%
			%
			%

**END OF SECTION 00405**



Quail Hollow Pipeline Replacement  
August 20, 2021

Contractor's Licensing Statement  
00406-1

**SECTION 00406**

**CONTRACTOR'S LICENSING STATEMENT**

Contractors are required by law to be licensed and regulated by the Contractor's State License Board which has jurisdiction to investigate complaints against contractors if a complaint regarding a patent act or omission is filed within four years of the date of the alleged violation. A complaint regarding a latent act or omission pertaining to structural defects must be filed within 10 years of the date of the alleged violation. Any questions concerning a contractor may be referred to the Registrar, Contractors' State License Board, P.O. Box 26000, Sacramento, California 95826. (A duly authorized officer of the company may sign on the president's behalf.)

The undersigned is licensed in accordance with the laws of the State of California providing for the registration of contractors:

License Number: 22

Class: A, B, C12 w/ Haz

Expiration Date: 4.30.2023

Name of Contractor's Firm: GRANITE ROCK COMPANY

Business Address and Telephone Number: 408-574-1400

5225 Hellyer Avenue, Suite 220, San Jose, CA 95138

The following owner swears under penalty of perjury under the laws of the State of California that the information provided is true and correct:

Name of individual owner (Print or Type):

\_\_\_\_\_

Signature of Owner \_\_\_\_\_

Or

The following partners swear under penalty of perjury under the laws of the State of California that the information provided is true and correct.

Signature, title, and address of members signing on behalf of the partnership:

Name \_\_\_\_\_ Title \_\_\_\_\_

Address \_\_\_\_\_

Name \_\_\_\_\_ Title \_\_\_\_\_

Address \_\_\_\_\_



Quail Hollow Pipeline Replacement  
August 20, 2021

Contractor's Licensing Statement  
00406-2

Name \_\_\_\_\_ Title \_\_\_\_\_

Address \_\_\_\_\_

Or

The following officers swear under penalty of perjury under the laws of the State of California that the information provided is true and correct.

Corporation organized under the laws of the State of \_\_\_\_\_ California \_\_\_\_\_

Signature of President of Corporation

Signature of Secretary of Corporation

(Place  
Seal  
Here)

For Owners, Partners or Corporation Officers:

This Contractor's Licensing Statement Form is executed at Watsonville

\_\_\_\_\_ (Location), California, on 9.29.2021 (Date).

**END OF SECTION 00406**



**SECTION 00408**

**CONTRACTOR'S EXPERIENCE STATEMENT**

The following outline is a record of the undersigned Bidder's experience in construction of a type similar in magnitude and character to that contemplated under this Contract. The Bidder shall include in his/her outline the project name, owner, contact name and phone number, type of work and final cost of all similar type projects constructed in the past five (5) years. The Bidder shall also provide the name, work resume, and qualifications for the individual who will be the job superintendent during the performance of this Contract. The Bidder shall not reassign the designated superintendent without prior approval of SLWWD. Additional numbered pages outlining this portion of the Bid may be attached to this Bid.

<b>Project Name/ Date Completed</b>	<b>Owner Name/ Address</b>	<b>Contract Name/ Phone</b>	<b>Type of Work</b>	<b>Final Cost</b>
	Please see attached 'Project Experience' list			

**END OF SECTION 00408**







Job	Description	Customer	Type of Work (Use Drop Down Menu)	Contact	Phone	Address	Contract Value
2018	6552 Watsonville Pajaro River and Levee	Hollina Construction	Earthwork	Bryan Smith	(707) 419-5052	110 Railroad Ave., Suite D, Suisun City, CA 94585	131,986.00
2018	6547 Salinas Construction Concrete Work	Salinas Construction	Concrete Work	Juan Salinas	(831) 915-3730	PO Box 2242, Monterey, CA 93940	1,829,931.00
2018	6497 Montezuma Wetlands Cell 14 Improvements	Montezuma Wetlands LLC	Earthwork	Sharon Hall	(510) 350-4102	2000 Powell St., Suite 920, Emeryville, CA 94608	1,859,937.00
2018	6494 Hwy 101 NB Oyster Point PCC	ABSL Construction	Concrete Work	Luis Allende	(510) 727-0900	23393 Pacific Street, Hayward, CA 94544	160,000.00
2018	6485 East Monte Vista Avenue	Algonaut Constructors	CIR	Christer Berglund	(707) 542-4862	360 Sutton Place, Santa Rosa, CA 95407	539,842.00
2018	6462 Cell 3B Earthwork	City of Santa Cruz	Earthwork	Hoi Yu	(831) 420-5427	809 Center St., Rm 201, Santa Cruz, CA 95060	255,048.00
2018	6460 Mercy Center	Deacon Construction, LLC	Commercial Site Work	Steve Boitano	(916) 416-8954	7745 Greenback Ln., Ste 250, Citrus Heights, CA 95610	410,750.00
2018	6458 JOC 1809 57-05 Security Fencing	County of San Mateo	Earthwork	Carter Choi	(650) 599-1452	555 County Center, 5th Floor, Redwood City, CA 94063	306,796.00
2018	6455 KMG Electrical Chemicals	Ghiloti Construction	CIR	Jim Petic	(707) 585-1221	246 Ghiloti Ave., Santa Rosa, CA 94507	750,901.00
2018	6448 Storm Damage Repair 2018 - FEMA	County of Solano	Overlay - City	Robert Rock	(831) 630-6263	2340 Bert Drive, Hollister, CA 95023	149,093.00
2018	6446 Newell Creek Dam Spillway Bridge	City of Santa Cruz	Structure Concrete	Matt Tuglie	(707) 784-8765	675 Texas Street, Suite 5500, Fairfield, CA 94533	1,012,803.00
2018	6445 Lovers Lane	County of San Benito	Street Reconstruct	Leah Van Der Maaten	(831) 420-5619	212 Locust Street, Suite C, Santa Cruz, CA 95060	734,406.00
2018	6424 Sutter Blvd, Morgan Hill	O'Grady Paving	CIR	Craig Young	(650) 966-2936	2301 Technology Parkway, Hollister, CA 95023	299,411.00
2018	6423 Folsom Greenback Road	Central Valley Engineering & Asphalt	CIR	Phil Buffington	(915) 791-1809	216 Kenroy Lane, Roseville, CA 95687	300,116.00
2018	6416 Corral Hollow Road Overlay Improvement	DeSilva Gates Construction Inc.	CIR	Paul Hand	(916) 204-0405	11555 Dublin Blvd., Dublin, CA 94568	207,909.00
2018	6404 JOC 108 57-02 Oak Knoll Sanitary Sewer	County of San Mateo	Sanitary	Zack Azari	(650) 599-1485	555 County Center, 5th Floor, Redwood City, CA 94063	115,208.00
2018	6403 East Remole Lot 5 Improvements	University of California Santa Cruz	Earthwork	Nathan Weiher	(831) 430-3634	11586 High Street, Barn G, Santa Cruz, CA 95064	651,908.00
2018	6392 Junipero Sierra Traffic Calming	Mann Packing Company	Highway Constr. (Non-Overlay)	Paul Padozol	(408) 573-2485	101 Skyport Drive, San Jose, CA 95110	1,834,526.00
2018	6369 MFA Bus Tent	Turner Construction	Commercial Site Work	Nicole Rendon	(408) 891-0015	300 Frank H. Ogawa, Ste 510, Oakland, CA 94612	352,160.00
2018	6367 JOC 17-31 #2 E. Dunne Slide	County of Santa Clara	Structure Concrete	David Parks	(408) 573-2426	101 Skyport Drive, San Jose, CA 95110	682,465.00
2018	6355 HWY 101 Slope Repair Groy	Calltrans - Contract 04-214604	Earthwork	Niesh Pandya	(408) 592-3433	1727 30th Street, Sacramento, CA 95816	279,931.00
2018	6354 Lafayette Road Rehabilitation	City of Lafayette	Street Reconstruct	Matt Luttrupp	(925) 284-3247	3675 Mt. Diablo Blvd, Suite 210, Lafayette, CA 94549	1,562,348.00
2018	6352 Bradshaw & Sheldon Road Intersection	City of Elk Grove	Highway Constr. (Non-Overlay)	Tom Melcalf	(916) 478-2281	8401 Laguna Palms Way, Elk Grove, CA 95758	4,683,480.00
2018	6348 SC JOC San Antonio Road Major	County of Santa Clara	Earthwork	David Parks	(408) 573-2426	101 Skyport Drive, San Jose, CA 95110	1,093,225.00
2018	6347 Huckleberry Island Bridge Replacement	Huckleberry Island Homeowners Assoc.	Structure Concrete	Peter V. Dessau	(408) 292-1765	50 West San Fernando St., Ste 1300, San Jose, CA 95113	342,342.00
2018	6339 SC JOC 17-04 #2 Redwood Gulch Culvert	County of Santa Clara	Structure Concrete	David Parks	(408) 573-2426	101 Skyport Drive, San Jose, CA 95110	250,983.00
2018	6334 HWY 156 @ Castroville	Calltrans - Contract 05-1J2804	Overlay - Hwy	Farshad Keshavarzi	(831) 663-8966	1727 30th Street, Sacramento, CA 95816	2,010,923.00
2018	6331 JOC San Mateo La Honda Digtouts	County of San Mateo	Structure Concrete	Zack Azari	(650) 599-1485	555 County Center, 5th Floor, Redwood City, CA 94063	3,186,715.00
2018	6323 Polyester & Struct Con HWY 85	Calltrans - Contract 04-4G8304	Structure Concrete	Gene Malonzo	(408) 595-4019	1007 Knox Avenue, San Jose, CA 95122	1,481,597.00
2018	6310 BMS Paving - Redwood City	XL Construction	Commercial Site Work	Tim Johnson, Sr.	(408) 240-6313	851 Buckeye Court, Milpitas, CA 95035	180,473.00
2018	6307 Fresh Leaf Slab	County of Santa Cruz	Overlay - City	Richard Simmer	(805) 235-9351	701 Ocean St. #410, Santa Cruz, CA 95060	127,505.00
2018	6296 Nacimiento Dam Spillway	Mann Packing	Structure Concrete	Brent Ruchte	(831) 755-4860	P.O. Box 930, Salinas, CA 93902	215,598.00
2018	6295 Montecito Park Improvements	Monterey County Water Resources Agency	Structure Concrete	Jeff Krebs	(831) 646-3462	526 Pierce Street, Monterey, CA 93940	1,607,695.00
2018	6294 Airport Blvd Improvements	City of Watsonville	Parks	Natalie Diaz	(831) 768-3116	250 Main Street, Watsonville, CA 95076	522,250.00
2018	6287 Pacheco Creek Levee Repair	County of San Benito	Earthwork	John Guerin	(831) 646-4170	2301 Technology Parkway, Hollister, CA 95023	310,843.00
2018	6277 JOC 17-2 #6 Weaver Road Minor S Repair	County of Santa Clara	Structure Concrete	David Parks	(408) 573-2426	101 Skyport Drive, San Jose, CA 95110	765,630.00
2018	6269 PB Lodge Parking Lot Improvement	Pebble Beach Company	Commercial Site Work	George Chelwick	(831) 324-3764	PO Box 1776, Monterey, CA 93953	2,565,627.00
2018	6265 JOC 17-02 #5 SCC Shammon IG	County of Santa Clara	Street Reconstruct	David Parks	(408) 573-2426	1001 Skyport Drive, San Jose, CA 95110	425,562.00
2018	6264 HWY 101 - AC & PCC Gores	Calltrans - Contract 04-4H0004	Highway Constr. (Non-Overlay)	Hung V. Nguyen	(510) 385-7130	1727 30th Street, Sacramento, CA 95816	1,448,602.00
2018	6263 Pebble Beach Lodge Water Line	Pebble Beach Company	Water System	George Chelwick	(831) 324-3764	PO Box 1776, Monterey, CA 93953	520,694.00
2018	6253 Hwy 152 @ Prunedale Ave. Groy	Calltrans - Contract 04-1G8704	Highway Constr. (Non-Overlay)	Niesh Pandya	(408) 592-3433	1727 30th Street, Sacramento, CA 95816	3,362,696.00
2018	6252 Storm Damage Repair Phase 1	Contra Costa Water District	Earthwork	Anthony Morales	(925) 866-8130	1331 Concord Ave., Concord, CA 94520	1,941,415.00
2018	6250 Presidio Parkway (04-1637U4)	Flairon/Krewit a Joint Venture	Earthwork	David Mitchell	(707) 742-6000	1051 Edlie Road, San Francisco, CA 94129	3,557,649.00
2018	6243 SC JOC 17-02 #2 Groy Road Lower	County of Santa Clara	Earthwork	David Parks	(408) 573-2426	101 Skyport Drive, San Jose, CA 95110	874,915.00
2018	6239 1625 Plymouth Campus	South Bay Construction, Inc.	Commercial Site Work	David Parks	(408) 573-2426	101 Skyport Drive, San Jose, CA 95110	727,186.00
2018	6236 PayPal San Jose Campus, T & M	Swinerton Builders	Concrete Work	Frank Narciso	(408) 210-8633	1711 Dell Ave., Campbell, CA 95008	1,851,696.00
2018	6233 Spanish Bay Phase 2, Chiller Pad	Halthway Dinwiddie	Commercial Site Work	George Williams	(408) 483-1752	2880 Lakeside Drive, Suite 300, Santa Clara, CA 95054	862,884.00
2018	6225 Making Waves Academy T&M	University of California Santa Cruz	Commercial Site Work	John Snider	(408) 450-5549	565 Laurelwood Rd., Santa Clara, CA 95054	185,816.00
2018	6208 Redwood City Grade Crossing Improvement	Meritage Homes of California, Inc.	Structure Concrete	Ed Mowbray	(831) 212-0192	1156 High Street, Barn G, Santa Cruz, CA 95064	135,603.00
2018	6207 Warren Avenue @ HWY 880	Calltrans - Contract 04-1SS434	Highway Constr. (Non-Overlay)	Jennifer Shore	(650) 243-5680	512 South Airport Blvd., So. San Francisco, CA 94080	161,428.00
2018	6199 Storm Damage Repair 2017 - FHWA	County of Solano	Storm	Nicholas Burton	(707) 784-8765	675 Texas Street, Suite 5500, Fairfield, CA 94553	441,590.00
2018	6183 Rancho Vista Bridges	DeSilva Gates	Structure Concrete	Edward Cornejo	(707) 359-2031	1871 East Monte Vista Ave., Suite 214, Vacaville, CA 95688	1,155,302.00
2018	6173 JOC RAD 2017 - 2	County of Santa Clara	Structure Concrete	David Parks	(408) 573-2426	101 Skyport Dr., San Jose, CA 95110	2,034,279.00
2018	6172 South Jefferson Street Improvements	City of Dixon	Street Reconstruct	Deborah Barr	(707) 678-7031	600 East A Street, Dixon, CA 95620	749,865.00
2018	6171 Redwood Rd Slide Repair	County of Alameda	Earthwork	Greg Hillst	(510) 670-5235	121 Oak St., Suite 555, Oakland, CA 94612	1,059,184.00
2018	6166 Mann Packing - Grading	Mann Packing Company	Commercial Site Work	Paul Kerishing	(831) 809-2779	41 Clark St., Salinas, CA 93901	977,022.00
2018	6149 Hwy 17 Emergency Repair	Case Pacific Company	Highway Constr. (Non-Overlay)	Rob DeFrancis	(650) 872-1556	2121 Ardmore Road, Paso Robles, CA 93446	2,567,751.00





**SECTION 00410**

**BID SECURITY**

*(Check to accompany Bid)*

**NOT USED**

*(Note: The following form shall be used if check accompanies Bid)*

Accompanying this proposal is a \*Certified / \*Cashier's check payable to the order of San Lorenzo Valley Water District, hereinafter referred to as "SLVWD," for

\_\_\_\_\_ Dollars (\$\_\_\_\_\_),  
this amount being ten (10) percent of the total amount of the Bid. The proceeds of this check shall become the property of said SLVWD provided this proposal shall be accepted by the said SLVWD through issuance of a Notice of Award and the undersigned shall fail to execute a Contract and furnish the required Performance and Payment Bonds and Proof of Insurance Coverage within the stipulated time; otherwise, the check shall be returned to the undersigned. The proceeds of this check shall also become the property of SLVWD if the undersigned shall withdraw his/her Bid within the period of sixty (60) calendar days after the date set for the opening thereof, unless otherwise required by law, and notwithstanding the award of the Contract to another Bidder.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Bidder

\*Delete the inapplicable word

NOTE: If the Bidder desires to use a bond instead of a check, the Bid Guaranty Bond form in Section 00415 shall be executed. The sum of this bond shall be not less than ten (10) percent of the total amount of this Bid.

**END OF SECTION 00410**



**SECTION 00415**

**BID GUARANTY BOND**

KNOW ALL MEN AND WOMEN BY THESE PRESENTS:

THAT Granite Rock Company, hereinafter called Principal, and Western Surety Company, hereinafter called the Surety, are jointly and severally held and firmly bound unto the San Lorenzo Valley Water District, 13060 CA-9, Boulder Creek, California 95006, hereinafter called SLVWD, in the penal sum of ten percent (10%) of the Bid of Principal for the Work described herein. This sum not to exceed ten percent (10%) of the total amount bid ----- Dollars (\$ -----) lawful money of the United States of America, for the payment whereof unto SLVWD, Principal and Surety jointly and severally bind themselves forever firmly by these presents, except said penal sum shall not exceed ten percent (10%) of the amount Bid by Principal for Work which is awarded to Principal by SLVWD.

WHEREAS, Principal is herewith submitting a Bid for the Work entitled:

**Quail Hollow Pipeline Replacement**

NOW, THEREFORE, the condition of this obligation is such that if Principal is awarded a Contract for the Work, and if Principal within the time specified in the Bid enters into, executes and delivers to SLVWD an agreement in the form provided herewith, and if Principal within the time specified in the Bid gives to SLVWD the performance bond and the payment bond on the forms provided herewith, and any other documents required by these Contract Documents, then this obligation shall be void. If, however, Principal shall fail or refuse to furnish, execute and deliver to SLVWD said agreement in the time stated in the Bid or should fail or refuse to furnish Performance Bond and Payment Bond or other required document in the time stated in the Bid, then Principal and Surety shall forfeit to SLVWD the penal sum hereof.

AND IT IS HEREBY DECLARED AND AGREED that Surety shall be liable under this obligation as Principal, and that nothing of any kind or nature whatsoever that will not discharge Principal shall operate as a release of liability of Surety.

IT IS HEREBY FURTHER DECLARED AND AGREED that this obligation shall be binding upon and inure to the benefit of Principal, Surety and SLVWD and their respective heirs, executors, administrators, successors and assigns.

SIGNED AND SEALED THIS 14th day of September, 2021.

GRANITE ROCK COMPANY

Principal  
By: Rodney Jenny  
Rodney Jenny, Executive Vice President  
Signature

Western Surety Company  
Surety  
By: Kelly Holtemann  
Signature Kelly Holtemann, Attorney-In-Fact

555 Mission Street, Suite 200

San Francisco, CA 94105

(Surety's Mailing Address)

(415) 932-7171

(Telephone Number)

*(Attach Notary Acknowledgement of Surety)*

*(NOTE: The standard printed bond form of any bonding company acceptable to SLVWD may be used in lieu of the foregoing approved sample bond form provided the security stipulations protecting SLVWD are not in any way reduced by use of the Surety Company's printed standard form.)*

**END OF SECTION 00415**

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

**CIVIL CODE § 1189**

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 Marin )

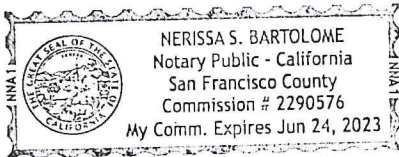
On Sept 14, 2021 before me, Nerissa S. Bartolome, Notary Public,  
*Date Here Insert Name and Title of the Officer*

personally appeared Kelly Holtemann \_\_\_\_\_  
*Name(s) of Signer(s)*

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 Nerissa S. Bartolome  
*Signature of Notary Public*

*Place Notary Seal Above*

**OPTIONAL**

*Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.*

**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_ Document Date: \_\_\_\_\_  
Number of Pages: \_\_\_\_\_ Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: Kelly Holtemann  
 Corporate Officer — Title(s): \_\_\_\_\_  
 Partner —  Limited  General  
 Individual  Attorney in Fact  
 Trustee  Guardian or Conservator  
 Other: \_\_\_\_\_  
Signer Is Representing: \_\_\_\_\_

~~Signer's Name: \_\_\_\_\_  
 Corporate Officer — Title(s): \_\_\_\_\_  
 Partner —  Limited  General  
 Individual  Attorney in Fact  
 Trustee  Guardian or Conservator  
 Other: \_\_\_\_\_  
Signer Is Representing: \_\_\_\_\_~~

# Western Surety Company

## POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

**Charles R Shoemaker, Kelly Holtemann, Mark M Munekawa, Nerissa S Bartolome, Joan De Luca, Yvonne Roncagliolo, Sara Ridge, Peter Tam, Thomas E Hughes, Patrick R Diebel, Alicia Dass, Valerie Garcia, Christina Burton, Zachary V Overbay, Individually**

of San Francisco, CA, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

### - In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 21st day of June, 2021.



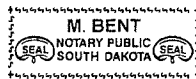
WESTERN SURETY COMPANY

Paul T. Bruflat  
Paul T. Bruflat, Vice President

State of South Dakota }  
County of Minnehaha } ss

On this 21st day of June, 2021, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires  
March 2, 2026



M. Bent  
M. Bent, Notary Public

### CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 14th day of September, 2021.



WESTERN SURETY COMPANY

L. Nelson  
L. Nelson, Assistant Secretary

Form F4280-7-2012

Go to [www.cnasurety.com](http://www.cnasurety.com) > Owner / Oblige Services > Validate Bond Coverage, if you want to verify bond authenticity.

**Authorizing By-Law**

**ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY**

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the shareholders of the Company.

Section 7. All bonds, policies, undertakings, Powers of Attorney, or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, and Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile.

**SECTION 00480**

Failure to submit a Non-Collusion Affidavit in this form shall constitute grounds for rejection of the Bid. This Affidavit to be fully executed.

**NON-COLLUSION AFFIDAVIT**

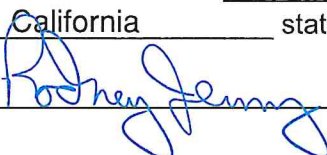
**TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID**

The undersigned declares:

I am the Executive Vice President of GRANITE ROCK COMPANY, 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 on 9.29.2021 date, at Watsonville city, California state.

Signature: 

Title: Rodney Jenny, Executive Vice President

(Attach Notary Acknowledgement of Contractor)

**END OF SECTION 00480**

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

**CIVIL CODE § 1189**

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 Santa Cruz )

On 9.29.2021 before me, Rachel Cosio, Notary Public  
*Date Here Insert Name and Title of the Officer*  
personally appeared Rodney Jenny  
*Name(s) of Signer(s)*

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 Rachel Cosio  
*Signature of Notary Public*

*Place Notary Seal Above*

**OPTIONAL**

*Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.*

**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_ Document Date: \_\_\_\_\_

Number of Pages: \_\_\_\_\_ Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_

- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Individual  Attorney in Fact
- Trustee  Guardian or Conservator
- Other: \_\_\_\_\_

Signer Is Representing: Granite Rock Company

Signer's Name: \_\_\_\_\_

- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Individual  Attorney in Fact
- Trustee  Guardian or Conservator
- Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

**SECTION 00485**

**IRAN CONTRACTING ACT CERTIFICATION**

Reference: Public Contract Code Section 2200 et seq.

As required by California Public Contract Code Section 2204, the Contractor certifies subject to penalty for perjury that the option checked below relating to the Contractor's status in regard to the Iran Contracting Act of 2010 (Public Contract Code Section 2200 et seq.) is true and correct:

The Contractor is not:

(i) identified on the current list of persons and entities engaging in investment activities in Iran prepared by the California Department of General Services in accordance with subdivision (b) of Public Contract Code Section 2203; or

(ii) a financial institution that extends, for 45 days or more, credit in the amount of \$20,000,000 or more to any other person or entity identified on the current list of persons and entities engaging in investment activities in Iran prepared by the California Department of General Services in accordance with subdivision (b) of Public Contract Code Section 2203, if that person or entity uses or will use the credit to provide goods or services in the energy sector in Iran.

SLVWD has exempted the Contractor from the requirements of the Iran Contracting Act of 2010 after making a public finding that, absent the exemption, SLVWD will be unable to obtain the goods and/or services to be provided pursuant to the Contract.

The amount of the Contract payable to the Contractor for the Project does not exceed \$1,000,000.

Bidder's Signature: \_\_\_\_\_ 

Bidder's Name and Title: \_\_\_\_\_ Rodney Jenny, Executive Vice President

Firm: \_\_\_\_\_ GRANITE ROCK COMPANY

Date: \_\_\_\_\_ 9.29.2021

Note: In accordance with Public Contract Code Section 2205, false certification of this form shall be reported to the California Attorney General and may result in civil penalties equal to the greater of \$250,000 or twice the Contract amount, termination of the Contract and/or ineligibility to bid on contracts for three years.

**END OF SECTION 00485**



**SECTION 00420**

**SAFETY COMPLIANCE**

Contractors are required by law to comply with an established company Safety Program that includes an Injury Illness Prevention Plan (IIPP). The undersigned hereby proposes to follow their Contractor's Safety Program including all subcontractors while performing the work described as:

**QUAIL HOLLOW PIPELINE REPLACEMENT**

Complete the following information (as applicable):

Person responsible for implementing your Safety Program / IIPP on this project:

Name (Print): Randall Jacobson

Title: Construction Division Safety Manager

Phone No: 831-539-7720

Written Safety Program / IIPP: Yes  No  Dated: 2021

Written Code of Safe Practices: Yes  No  Dated: 2021

On-site Personal Protective Equipment (PPE) Requirements:

- Yes  No  Eye Protection
- Yes  No  Hard Hats
- Yes  No  Steel Toe Boots
- Yes  No  Hearing Protection
- Yes  No  Respirators (only as needed)

Training Requirements:

- Yes  No  Weekly Tailgate/Safety Training
- Yes  No  Documented

Site Safety Inspections:

- Yes  No  Regular Inspections
- Yes  No  Documented

Material Safety Data Sheets (MSDS): Yes  No  On-site (Specific)

Equipment:

- Yes  No  Manuals On-site (Specific)
- Yes  No  Fire Extinguishers on Equipment

Quail Hollow Pipeline Replacement  
August 20, 2021

First Aid/CPR Trained Personnel On-site:

Yes  No  Name: Assigned after job is awarded

Name: \_\_\_\_\_

Equipped On-site:

Yes  No  First Aid Kit  
 Yes  No  Fire Extinguishers  
 Yes  No  MSDS (available upon request)  
 Yes  No  Emergency Phone Numbers

Subcontractors:

Yes  No  Certificates of Insurance  
 Yes  No  Prime Named as Additional Insured.

Workers' Compensation Experience Modification Rate (last 3 years):

Year: 2021 Rate: .69  
 Year: 2020 Rate: .71  
 Year: 2019 Rate: .75

OSHA Citations (within last 3 years): Yes  No  If yes, attach copy of citation.

Contractor/Subcontractor Training Requirements - Project Specific:

Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> OSHA 10 Hour	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Hazard Assessment
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Welding	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Fall Protection
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Electrical	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Confined Space
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Forklifts	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Rigging / Slings
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Demolition	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Tool Safety
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Accident Prevention	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> PPE
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Scaffolding	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Haz-Com / MSDS
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Lock out /Tag out	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Trench / Shoring
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Cranes	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Ladders
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Traffic Control	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Asbestos/Lead/ Exposure

Training Documentation/Certificates: Yes  No  Available Upon Request

**END OF SECTION 00420**

**SECTION 00901**

**ADDENDUM NO. 1**

**1. GENERAL**

*Scope*

This addendum modifies the Contract Documents dated August 20, 2021, for the San Lorenzo Valley Water District Quail Hollow Pipeline Replacement Project, and the work shall be accomplished in accordance with such modifications. This Addendum includes two (2) pages and no attachments.

The Addenda includes Contractor Information Items, responses to questions, and Bid Opening Invitation.

Note: The Bid Date is September 30, 2021.

*Acknowledgment*

Bidders must acknowledge this addendum as part of the bid submission by completing bidder's acknowledgment of addenda (Section 00300). Failure to acknowledge the addendum may constitute grounds for rejection of the bid.

**2. CONTRACTOR INFORMATION ITEMS**

- A. The pre-bid meeting was held on September 2, 2021. The Responses to Questions below are from that pre-bid meeting.
- B. The District is working with Santa Cruz County Public Works to eliminate the requirement for Type II Slurry Seal on this project. As this has not yet been finalized, Bidders should include a unit cost bid item for Type II Slurry Seal application as required by County Standard Detail EP-1. Quantity is assumed to be approximately 8,250 square yards.
- C. The project area includes a quarry access road used by Granite Rock. Bidders shall be aware of, and provide for, traffic control related to this access and schedule coordination with Granite Rock in their bids.

**3. RESPONSES TO QUESTIONS**

- A. Will the District provide water for compaction at no charge?
  - a. Yes. Note that trench backfill is to be 2-sack slurry as shown on the Plans.
- B. What is the pipeline service pressure?
  - a. Pipeline service pressure ranges from 80-psi to 160-psi.
- C. Will the District allow use of the District-owned parcel at the intersection of Quail Hollow Road and East Zayante Drive for stockpiling/vehicle staging?

- a. Yes. Note that the project takes place within the Sand Hills environment; all parking, vehicle staging, material stockpiling, or excavation spoil stockpiling must be within paved areas.
- D. Materials pricing is changing rapidly due to current shortages. When will the District notify the successful Bidder and for how long must the Bidder hold the prices provided in the Bid?
  - a. The District will notify the successful bidder within 1 business day of the Award of this project by the Board of Directors, currently scheduled for Thursday October 7, 2021. Bid prices may not be adjusted after execution of the Agreement (Contract for Construction); the District will make every effort to finalize and execute the Agreement within 30 calendar days of Award.

**4. BID OPENING INVITATION**

- A. The Bid Opening for this project will be held virtually. Meeting will be held at 3pm on September 30, 2021, as specified in the Bid Documents. Meeting log-in location is below:
  - a. <https://global.gotomeeting.com/join/410137925>
  - b. To dial in using your phone:
    - i. United States (Toll Free): 1 877 309 2073 or (646) 749-3129
      - 1. Access Code: 410-137-925

**5. CHANGES TO VOLUME 1, CONTRACT DOCUMENTS AND TECHNICAL SPECIFICATIONS**

- A. None

**6. CHANGES TO VOLUME 2, BID FORMS**

- A. None

**7. CHANGES TO CONTRACT DRAWINGS**

- A. None

**END OF SECTION 00901**

**SECTION 00901**

**ADDENDUM NO. 2**

**1. GENERAL**

*Scope*

This addendum modifies the Contract Documents dated August 20, 2021, for the San Lorenzo Valley Water District Quail Hollow Pipeline Replacement Project, and the work shall be accomplished in accordance with such modifications. This Addendum includes two (2) pages and two attachments, total of 12 pages.

The Addenda includes Contractor Information Items, responses to questions, and Bid Opening Invitation.

Note: The Bid Date is September 30, 2021.

*Acknowledgment*

Bidders must acknowledge this addendum as part of the bid submission by completing bidder's acknowledgment of addenda (Section 00300). Failure to acknowledge the addendum may constitute grounds for rejection of the bid.

**2. CONTRACTOR INFORMATION ITEMS**

- A. none

**3. RESPONSES TO QUESTIONS**

- A. Bid item #7 1" Residential Services: Quantity of bid item is 4 each, plans show 5 each. Please confirm.
- a. Correct quantity is five (5), as shown on the Plans.
- B. Quantity of bid item is 12 each, plans show 13 each. New Hydrant installations. Plans STA: 38+59.9 show an additional hydrant to remain. Is this a reconnect?
- a. The hydrant shown at STA 38+59.9 shall remain and be connected to the new pipeline.
  - b. Correct hydrant quantity is 13, as per plans.
- C. Plans show two existing hydrants to remain until new pipeline is complete and removed after the new system is operational. Demo Hydrants 2 Ea. Please confirm
- a. The two (2) hydrants identified for demolition shall be removed and returned to the District for later re-use on other projects.
- D. Is the pipe undercrossing detail on plan page 14 of 14 to be implemented at the 3 each existing storm drain crossings shown on the plans?

- a. The undercrossing shown on detail 2/14 shall be implemented at all undercrossings.
- E. Is builder's Risk - including flood and earthquake coverage, required for this project ?
  - a. Yes, as laid out in paragraph E of Invitation to Bidders, page 00020-2 of Volume I of the RFP
- F. On the trench detail EP-1 and EP-2 Note: 7 indicated that up to 12" of sand can be placed over the top of the pipe and compacted to 95% compaction and the remainder of the trench to be backfilled with 2 sack sand slurry. SLVWD pipe bedding detail on plan sheet C6.3 page 14 of 14 shows 6" of sand backfill over top of pipe and remainder of trench backfilled with 2 sack sand slurry. Please clarify?
  - a. Minimum depth of sand bedding to 6" from top of sand to top of pipe, per SLVWD detail.
- G. At the time of flushing the new water main, does the district have a local location to dispose of the water from the flushing operation after the water has been dechlorinated ?
  - a. Contractor shall coordinate disposal of dechlorinated water with Santa Cruz County Public Works

**4. CHANGES TO VOLUME 1, CONTRACT DOCUMENTS AND TECHNICAL SPECIFICATIONS**

The following sections are amended as noted:

- A. Section 01 20 00, Measurement and Payment, is revised to add bid items 13, 14 15 and 16. Updated version is attached.

**5. CHANGES TO VOLUME 2, BID FORMS**

The following sections are amended as noted:

- A. Document 00300, Bid Proposal, is revised to add bid items 13, 14 15 and 16. Updated version is attached.

**6. CHANGES TO CONTRACT DRAWINGS**

- A. None

**END OF SECTION 00901**

**SECTION 00901**

**ADDENDUM NO. 3**

**1. GENERAL**

*Scope*

This addendum modifies the Contract Documents dated August 20, 2021, for the San Lorenzo Valley Water District Quail Hollow Pipeline Replacement Project, and the work shall be accomplished in accordance with such modifications. This Addendum includes one (1) page and no attachments, total of 1 page.

The Addendum includes Contractor Information Items only.

Note: The Bid Date is revised to October 4, 2021.

*Acknowledgment*

Bidders must acknowledge this addendum as part of the bid submission by completing bidder's acknowledgment of addenda (Section 00300). Failure to acknowledge the addendum may constitute grounds for rejection of the bid.

**2. CONTRACTOR INFORMATION ITEMS**

- A. Bid date is revised from September 30, 2021 to **3:00 P.M. ON OCTOBER 4, 2021.**
- B. Santa Cruz County has added the project work area to their Measure D resurfacing scope. As such, the District will not be required to provide the Type 2 Slurry Seal shown on Santa Cruz County's Trench Restoration Details EP-1 and EP-2. Type 2 Slurry Seal is therefore removed from the scope of work for this project. Bidders shall remove the Type 2 Slurry Seal from their Bids and mark the Bid Item "Not Used" on the Bid Schedule.

**3. RESPONSES TO QUESTIONS**

- A. NONE

**4. CHANGES TO VOLUME 1, CONTRACT DOCUMENTS AND TECHNICAL SPECIFICATIONS**

- A. NONE

**5. CHANGES TO VOLUME 2, BID FORMS**

- A. NONE

**6. CHANGES TO CONTRACT DRAWINGS**

- A. NONE

**END OF SECTION 00901**

MEMO

To: Engineering Committee  
From: District Engineer  
Subject: Bid Review for Quail Hollow Pipeline Replacement Project Construction Management  
Date: October 14, 2021

Executive Summary:

Proposals were received on October 4, 2021 for construction management activities related to the Quail Hollow Pipeline Replacement project. District Staff recommend that the Engineering Committee review the low bid and make an award recommendation to the Board of Directors.

Project Summary:

The RFP was prepared and published by District Staff and Schaaf & Wheeler Consulting Civil Engineers; the RFP presented plans, specifications, oversight expectations, reporting expectations, and proposing requirements for construction management related to the Quail Hollow Pipeline Replacement Project. Construction Management for this project will include daily oversight of construction activities, coordination of construction and inspection activities, reporting, documentation, interpretation of plans and specifications, and review of requests for information (RFI) and pay applications from the construction contractor.

Proposals Received:

The District received four (4) proposals for the Design phase of this project, tabulated in ascending order below:

<b>Engineering Firm</b>	<b>Total Cost</b>
MME Civil + Structural	\$163,554
CM Pros	\$225,370
Quincy Engineering	\$300,904
MCK America	\$305,633

As shown above, the low proposal is from MME Civil + Structural, in the amount of \$163,554.

Analysis Procedure:

The proposals were reviewed by District Staff for completeness, in conformance with the RFP, and found to be complete. District Staff then ranked the four (4) proposals. Each proposal was scored in the following areas:

- Total cost
- Responsiveness of proposing firm to requirements of the RFP
- Demonstrated understanding of the project scope as reflected in each proposal



- Proposing firm's experience and references

Recommendation:

District Staff recommend that the Engineering Committee review the low bid and provide a recommendation to the Board of Directors.



# MME

CIVIL + STRUCTURAL ENGINEERING • SINCE 1987

# Proposal

## Professional Construction Management Services for the Quail Hollow Pipeline Replacement Project



Submittal Due Date:  
October 4, 2021

Principal Contact: **Rodney Cahill**

[rodney@m-me.com](mailto:rodney@m-me.com)



October 4, 2021

**Josh Wolff, PE District Engineer**

San Lorenzo Valley Water District  
13060 Highway 9  
Boulder Creek, CA 95006

**Re: Proposal to Provide Construction Management Services for the  
Quail Hollow Pipeline Replacement Project**

MME Project No: 21170

Dear Josh,

I am excited to present you with our Proposal. We hope you will agree we are ideally suited to provide the District construction management services for the Quail Hollow Pipeline Replacement Project.

- **We Understand Your Project:** We understand the importance of managing this pipeline replacement project diligently to confirm it is constructed per plan and specification, on time and on budget. Making a great start by communicating expectations with the selected Contractor will set the stage for successful construction of the 7,460 feet of pipeline replacement within the sensitive Sand Hills environment.
- **Our Work Experience Aligns with Your Project:** Our firm specializes in construction management and engineering design of critical public works infrastructure such as pipelines, tanks, roads and bridges. Our experience from the award-winning Probation Tank, the Lompico Tanks project, and on the 2020 Pipeline replacement helps us continually improve on delivering results for the District customers.
- **Our Quality Staff is Your Advantage:** Our team recently helped the District succeed in modernizing and enlarging its portfolio of infrastructure assets including water tank replacements and large retaining walls on highly sensitive sites. The quality of our personnel is the heart of our firm. Over half of our staff members have worked for our firm for over ten years and we reward their loyalty and commitment to the local community.
- **We Know San Lorenzo Valley:** Our local team is deeply familiar with San Lorenzo Valley's and Santa Cruz County's unique traffic, water, geotechnical, survey, construction, economic, and environmental conditions so we can provide efficient, appropriate, and cost effective services. From our downtown Santa Cruz location, we can meet you face to face in your office in less than 40 minutes. Our location and experience enable us to deliver higher quality projects faster than teams from out of the area.
- Several of our engineers and I live in the Santa Cruz Mountains and would be honored to work on another important community project with you. I look forward to working with you and the San Lorenzo Valley Water District team again!

Respectfully submitted,

A handwritten signature in blue ink that reads "Rodney Cahill". The signature is fluid and cursive, with the first name being more prominent.

Rodney Cahill, C.E., Principal

[rodney@m-me.com](mailto:rodney@m-me.com)

I:\21170 SLVWD - Quail Hollow Pipeline CM\proposal 21170\Proposal Work Docs 21170\00 Cover & Intro Letter 21170 (2 pg max)\_V2.docx



## 1.0 Project Description

Based on our review of the RFP with attachments, project plans & project specifications prepared by Schaaf & Wheeler, Addendums No. 1, 2 & 3 we understand that the objective of this project is to replace an existing 6-inch potable water main pipeline with a new 12-inch ductile iron water main in Quail Hollow Road. The existing asbestos-cement (Transite) pipe water main will be abandoned in-place after new water main is in service and all fire hydrants and residential services are operational. Since this work takes place within the sensitive Sand Hills environment, all parking, vehicle staging and covered material stockpiling must be within paved areas. Traffic Control will be an important aspect of the pipeline work and repaving of the road.

## 2.0 Work Approach

Our approach to assisting the District is to work closely with all members of the project team including District staff, Contractors staff, and our own team of engineers and subconsultants to provide detailed and comprehensive construction management and documentation. We will be onsite daily during active construction to observe and document construction in detail and we will manage all communication with the Contractor on your behalf. MME will create detailed daily logs and provide photographic documentation of the construction progress.

### Starting Out Right:

The best way for us to initiate project success for the District is to vigorously study the construction documents and consistently communicate expectations to the Contractor. While the project plans and specifications address the general responsibilities of the Contractor, project critical aspects of their duties are listed below with our approach to satisfy these requirements:

- 1) Prior to receiving Notice to Proceed, the Contractor shall submit a Site Specific Safety Plan. The Contractor shall be responsible for initiating, maintaining, and supervising all safety precautions and programs. Contractor is responsible for site conditions during the course of construction of the project including safety of all persons and property. These requirements apply continuously twenty-four hours a day every day until final acceptance of the work. The Contractor shall designate a responsible member of their organization at the site whose duty shall be the prevention of hazards and accidents.

Our staff will observe, document, and report the Contractors safety measures for trench excavations, traffic control, public access, and water quality.

- 2) This project requires the Contractor, or any subcontractor hired by Contractor, to pay not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations. The Contractor shall submit, and require each of its Subcontractors to submit a verified statement of the journeyman and apprentice hours performed on the Contract. Certified copies of all employee payroll records shall be provided with each progress payment.

MME will subcontract with our labor compliance monitoring service, 360 PSM for determination of the specific labor standards and dates of effect for wages. Our labor compliance subconsultant will maintain all compliance files and documents relating to prevailing wage with the prime contractor and subcontractors.



- 3) Simultaneously with the execution of the Contract Agreement, the Contractor shall submit an estimated progress schedule in chart form indicating the date that each part of the work will be started and completed, and indicating a schedule of the required submittals including shop drawings, samples, lists of materials and equipment, equipment data, and instruction manuals. The project contract time is established as 180 calendar days from the date of receipt of the Notice to Proceed. The Contractor shall revise the approved progress schedule at monthly intervals. Each revised schedule shall be submitted for approval simultaneously with the Contractor's application for progress payment for the same time period. The fixed liquidated damages is established as \$1,000 for each calendar day of unauthorized delay in the completion of the work.

Our staff will monitor compliance with the schedule and will communicate progress to the District throughout the project.

**Supporting You with First Hand Knowledge of the Specifications:**

We help your staff with clear interpretations of the specifications when it comes to problem solving and responding to questions. We helped the District prepare the current standard construction specifications during our design and construction management services work on the Probation Tank project. We also used these specifications in our work providing the Construction Management services for the 2020 Pipeline and the Lompico Tanks projects. This familiarity will help us approach issues from a consistent and clear basis and assist resolution of concerns at Quail Hollow.



### 3.0 Identification of Prime Consultant

- i. Mesity-Miller Engineering, Inc., dba MME Civil + Structural Engineering
- ii. State of California Certified Small Business (SB/Micro) Supplier ID #4797
- iii. Not a Subsidiary
- iv. Rodney Cahill, Principal  
224 Walnut Ave, Suite B  
Santa Cruz, CA 95060  
831-426-3186 x. 101  
rodney@m-me.com
- v. Licensed Engineers: 6  
Engineers in Training: 3  
Administrative / Office staff: 2
- vi. MME was established over 30 years ago to provide professional civil and structural engineering services to both public and private sector clients in the central California area. Our clients generally include cities, counties, districts, universities and schools.

The practice is generally directed toward public works infrastructure, civil and structural design, pipelines, tanks, roads, buildings, bridges, retaining walls, and near shore marine facilities and associated site improvements, street improvements and trails.

Our firm is pleased to offer a full range of professional engineering services, including project planning and feasibility studies, conceptual design, design development, construction document preparation, construction phase services and forensic studies and investigations.

MME has never filed for bankruptcy. Over the past five years, with more than 500 successfully completed projects, MME has not been involved in any projects that have resulted in litigation or arbitration. However, one design project we were involved in was referred to mediation to resolve the construction schedule and was successfully settled:

Santa Cruz Metropolitan Transit District Operations Building  
MME Project 99171-30, Santa Cruz. CA

Please review our Firm Resume on the following page for a detailed summary of our qualifications.



Walton Lighthouse



Seymour Marine Discovery Center



Shugart Park Bridge



CSUMB 8<sup>th</sup> Ave. Roundabout

### 3.1 Prime Consultant Qualifications

MME was established over 30 years ago to provide professional civil and structural engineering services to both public and private sector clients in the central California area. Our clients generally include cities, counties, districts, and other municipal entities; universities, and schools.

The practice is generally directed toward the engineering design and construction management of buildings, bridges, retaining walls, and near shore marine facilities and associated site improvements, such as grading and drainage, parking facilities, street improvements, water and sewer systems and utility service extensions.

Our expertise lies in the following areas:

- Water Systems and Tanks
- Storm water and sewer systems
- Retaining walls
- Slope Stability and Repairs
- Site planning and improvements
- Vehicular and pedestrian bridges
- Utility system extensions
- Streets, intersections and roadways
- Building structural systems
- Structural retrofits and repairs
- Trails, greenways, and bikeways
- Schools and parks

Dale Hendsbee, S.E and Rodney Cahill, C.E. direct a talented staff of eleven licensed civil and structural engineers, engineers-in-training and administrative personnel.

Our firm is pleased to offer a full range of professional engineering services, including project planning and feasibility studies, conceptual design, design development, construction document preparation, construction phase services and forensic studies and investigations. Depending on client needs, we can function as a consultant to the project team or as the project prime professional responsible for selection and management of the design team.

Our State of California Certified Small Business (SB/Micro) Supplier ID is #4797.

We are committed to maintaining state-of-the-art professionalism in our practice of engineering. Our engineers use the latest design technology and we continually update our extensive library of codes, design manuals and portfolio of specialized engineering analysis software. Continued education remains an ongoing endeavor to stay current in our industry and performing at our highest level.

In support of our commitment to provide excellent service we carry Professional Liability insurance (errors and omissions) with limits of \$2,000,000 per claim and \$2,000,000 in the aggregate. We also carry General Liability, Automobile Liability, Worker's Compensation and Employer's Liability insurance policies in the amount of \$1,000,000 each.

MME is absolutely dedicated to providing quality in the constructed project. This philosophy demands high standards of professional service, responsibility to client needs, timeliness, efficiency and pride of workmanship. We are focused on adding value to the project. Accordingly, it is essential to explore several solutions to any given challenge. Only then can the ideal, and often unique, solution be selected. The benefits of our thorough and pro-active approach results in projects with superior performance, enhanced durability, maximum cost-effectiveness and more uniform levels of safety that serve our clients well for years to come.



## 4.0 Identification of Sub Consultants

### 4.1 Labor Compliance Monitoring

- i. 360PSM  
19024 Fieldstone Court  
Salinas, CA 93908
- ii. Catalina Ferreto, President  
831-500-1263  
catalina@360PSM.com
- iii. Labor Compliance Monitoring Officer: 1  
Labor Compliance Analyst: 1
- iv. 360PSM serves government agencies by providing non-engineering services with services of monitoring Labor Compliance Prevailing Wages, Public Outreach, Document Control, and monitoring Disadvantaged Business Enterprise (DBE) participation to satisfy requirements of State and Federal grant funding.

360PSM is a State of California Certified Disadvantaged Business Enterprise (DBE #45909) WMBE, WOSB, EDWOBS, MBE, HOBE founded in 2018 by Catalina Ferreto and is a Sole Proprietorship business. The company was created with the goal of assisting agencies on implementing infrastructure projects with support services. We help agencies to supply non-engineering services such as public outreach, monitor contractor compliance with all the applicable payment of prevailing wages and requirements of the contract provisions, document controls, and general management consulting services.

360PSM has not had any past bankruptcy filings, terminated contracts, nor any claims that resulted in litigation or arbitration in the last five years.

#### Firm Certifications:

Women / Minority Business Enterprise (WMBE #20000164)  
Women-Owned Small Business Federal Contracting Program (WOSB)  
Federal Woman Owned Business (WOB)  
Federal Economically Disadvantaged Women Federal Owned Small Business (EDWOBS)  
Federal Minority Owned Business (MOB)  
Federal Hispanic American Owned (HOBE)  
Federal Department of Transportation, DOT (DBE)





## 4.2 Asphalt Testing & Inspection Sub Consultant (Optional)

- i. Smith–Emery San Francisco  
1940 Oakdale Avenue  
San Francisco, CA 94124
- ii. Monica Kahler, Senior Project Manager  
415-642-7262 / cell 415-797-2635  
mkahler@smithemerysf.com
- iii. Special Inspectors: 300+  
Project Managers: 14  
Project Engineers: 8  
Laboratory Technicians: 20
- iv. Smith-Emery was founded in 1904, in San Francisco. The firm’s original focus was chemical testing services for industry & agriculture. Then, post 1906 earthquake, Smith-Emery responded to local engineering concerns for quality materials and construction, and became the West Coast’s first structural materials testing and construction inspection agency. Through the years, we have continued to respond to our client’s needs and to complex environmental challenges that continue to evolve.

Our services now range from geotechnical services, through all structural building materials and construction inspections, failure analysis testing, prototype mockup full-scale window wall mockups, metallurgical services, ceramics, and more.

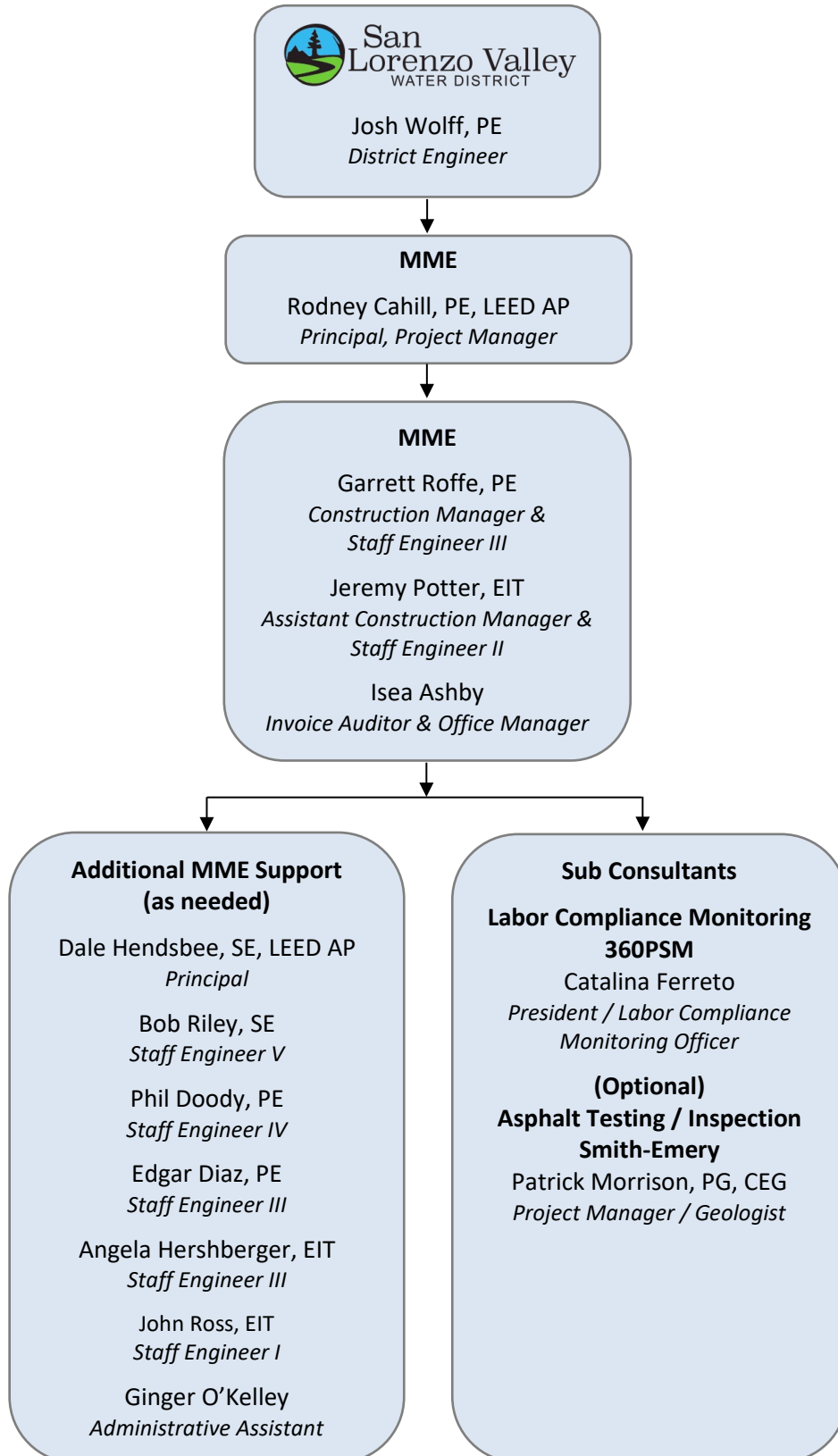
Smith-Emery has had no terminations, defaults, project litigations or bankruptcies in the last five years.

They are a privately owned S-Corporation, in solid financial position.

This asphalt testing work is included as optional since it was not provided for the 2020 Pipeline and may not be required, pending District preference.



## 5.0 Project Organization





## 5.1 Key Personnel

The following pages are the resumes of the key personnel selected for this project:

Prime Consultant - MME Key Personnel

Rodney Cahill, PE, LEED AP – Principal, Civil Lead and Project Manager.

Garrett Roffe, PE – Construction Manager

Sub Consultant – 360PSM

Catalina Ferreto, Labor Compliance Monitoring Officer

(Optional) Sub Consultant – Smith-Emery

Patrick Morrison, PG, CEG



#### **Education**

Bachelor of Civil Engineering, 2000  
Queensland University of Technology  
Australia

Diploma of Civil Engineering,  
Northern Territory University  
Australia, 1996

#### **Registration**

Civil Engineer  
State of California, 2005  
No. 67728

LEED Accredited Professional  
Green Building Cert. Institute, 2009

Qualified SWPPP Developer and  
Practitioner, No. 20301, 2011

Cal OES Safety Assessment Program,  
No. 78583, 2016

#### **Professional Affiliations**

American Public Works Association,  
Monterey Bay Area Chapter  
President, 2019

American Society of Civil Engineers

U.S. Green Building Council

## **Rodney Cahill, PE, LEED AP**

*Principal*

### **Professional Qualifications**

For over 20 years Rodney Cahill has provided professional civil engineering services focusing on long-term client relationships, innovative design, and responsible project management. Rodney joined MME in 2008 and became a firm owner in 2015.

Rodney helps our clients achieve their goals by providing engineering leadership in all project phases from feasibility assessment to alternatives analysis, schematic design, cost estimating, final design, specifications, permitting, bidding support, scheduling and construction management.

Mr. Cahill's background is in design and management of a diverse portfolio of projects from public works and capital improvements, to roads and intersections, roundabouts, commercial buildings, bridges, harbors, ports, water tanks, pipelines, pedestrian and bicycle trails, retaining walls, parks, schools and universities, libraries, sports fields, coastal repairs, and landslide stabilizations.

Rodney's technical expertise includes site design and layout, three dimensional grading plans, road and pipeline alignments and profiles, hydrologic and hydraulic modeling, drainage analysis and design, topographic surveying and preparation of contour maps, erosion control plans, and utility upgrades.

Rodney specializes in taking proactive approach to solving engineering challenges for our clients using both creative and practical design solutions for the construction of an innovative built environment. This strategy has resulted in a strong network of client relationships and a portfolio of successful projects.

**Education**

B.S. Civil Engineering, 2008  
California Polytechnic State University,  
San Luis Obispo

**Registration**

Civil Engineer  
State of California  
No. 79596

**Professional Affiliations**

American Society of Civil Engineers  
Structural Engineers Association of  
Northern California

## Garrett Roffe, PE

*Engineer III*

**Professional Qualifications**

Mr. Roffe has over ten years of structural engineering and Construction Management experience and has been with MME since 2011. He has worked on a variety of projects including commercial, educational, residential, and municipal facilities in various locations across the United States.

He is well versed in mechanics of materials and applying sound engineering principles to analysis. The use of steel, concrete, wood, and masonry materials, along with computer modeling techniques allows his designs to meet current code standards.

Mr. Roffe is experienced in the analysis, design and development of construction documents including engineering calculations, drawings and technical specifications.

Mr. Roffe is experienced in construction administration for a variety of projects. Garrett performs field observations, documenting working conditions, preparing field reports, site observation logs, and progress reports, reviewing shop drawings for conformance with the construction documents and, responding to RFI's and change orders with exemplary attention to detail. His design skills have proved useful during construction as Garrett is able to correctly interpret the construction documents and guide owners and contractors so the as-built construction conforms to the original design intent.

He regularly utilizes structural analysis software such as TEDDS, RISA, Eneccalc, PCA column and other specialized programs; and is proficient at producing design drawings using AutoCAD software.

Garrett has also been intimately involved in the design of solar support structures for building roof, parking canopy and ground mounted PV systems.

**Catalina Ferreto**  
**Labor Compliance Monitoring**



**Areas of Expertise**

- Labor Compliance Monitoring
- Prevailing Wages Rates
- Cross check daily reports
- Documents Control Management
- Conducts Field Interviews
- Status Report
- Marketing Consultant Services
- Bilingual Services

**Years of Experience**

**Total 22**

**Education**

- Boston University San Jose Costa Rica Bachelor's in Business Administration and Global Marketing
- Heald College AA
- Heald College Valedictorian
- Monterey Peninsula College (MPC)

**Certifications:**

- Prevailing Wage/ Labor Compliance Webinar- Foundation for Fair Contracting FFC

**360PSM** was founded in 2018 by Catalina Ferreto and was created with the goal of assisting agencies on implementing the guidelines and procedures for local agencies to comply with labor compliance and associated provisions derived from the California Labor Code of Federal Regulations, regulations of the FHWA, the California Code of Regulations, and the United States Department of Labor. We help agencies to monitor contractor compliance with all the applicable payment of prevailing wages and requirements of the contract provisions.

**Project Experience:**

**San Lorenzo Valley Water District LOMPICO TANKS REPLACEMENT *Labor Compliance Monitoring Officer.*** The project consists of the replacement of several redwood water storage tanks in the Lompico Area of the District with modern steel water storage tanks. Existing tanks at the Kaski, Madrone and Lewis sites. The Lompico Tanks Project generally involves Installation of temporary tanks; Demolition of old tanks, buildings and piping; Site grading, the installation of storm drains and site electrical; Installation of new steel tanks.

**San Lorenzo Valley Water District 2020 PIPELINE REPLACEMENT PROJECT, *Labor Compliance Monitoring Officer:*** The 2020 Pipeline On this the San Lorenzo Valley Water District proposes to install: Approximately 1900 feet of 6-inch ductile iron water main on California Drive in Ben Lomond, approximately 1550 feet of 8-inch HDPE water main in Hillside and Reynolds Drive in Boulder Creek.

**Pajaro/Sunny Mesa Community Services District (PSMCS D). Critical Water Supply improvements for Pajaro (600,000-Gallon Water Storage Tank) Project cost \$2.4 Million**

360PSM and President Catalina Ferreto provided Pajaro/Sunny Mesa Community Services District with assistance on the first phase of the project with Labor Compliance and complying with all applicable provisions of Section 16100 of Title 8 of the California Code of regulations, which require the Contractor to keep accurate records of work performed as provided in Labor Code Section 1812, to allow Owner to inspect contractor's payroll records pursuant to Labor Code Section 1776 and Section 16400( e) of Title 8 of the California Code of Regulations, and to comply with all requirements imposed by law.



## Patrick Morrison, PG, CEG

Project Manager/Geologist

### **Academic Background:**

B.A. Geology, Humboldt State University, 1987

### **Professional Registration:**

CA Professional Geologist No. 7174

CA Certified Engineering Geologist No. 2643

### **Certifications:**

Nuclear Density Gauge and Radiation Safety Officer Trained

OSHA 40 hour Hazardous Waste Operations / Emergency Response Training

Mr. Morrison has over 30 years of professional experience in special inspection, material testing, rail construction, geotechnical engineering and environmental fields and 28 years working at Smith-Emery. Mr. Morrison is responsible for management of Smith-Emery San Francisco's GeoServices Division consisting of a staff of 20 inspectors and geotechnical/environmental professionals. Project responsibilities encompass project management for testing and inspection on major infrastructure projects, environmental site characterizations, fault hazard studies, slope stability analysis, geologic mapping, grading and paving inspection and footing/pier inspections. Active in project oversight for earthwork and paving inspection and testing, as well as special inspections on projects throughout the Bay Area, review of field and laboratory data for conformance to project specifications, and presentation and communication of data to clients and regulatory agencies.

### **Selected Project Experience**

Kasier Redwood City Hospital Replacement, Redwood City

California High Speed Rail, Construction Packages 2 & 3, Selma, CA

Presidio Parkway, San Francisco, CA

Facebook (various projects), Menlo Park Campus

SFOBB Self-Anchored Suspension (SAS) Bridge, Oakland

Clearview Campus, San Mateo

Stanford University, Redwood City Campus

Juniper Networks, Sunnyvale

Hitachi Storage Center, San Mateo

Genesis Campus, South San Francisco

Dolby Laboratories, San Francisco

Commonwealth Corporate Campus, Menlo Park

City of Redwood City Geotech and Soils Engineering on-call, Redwood City

SFPUC Crystal Springs Bypass Tunnel, San Mateo County

Devil's Slide Tunnel, Pacifica/Moss Beach

Highway 238/880 Improvements, Hayward

BART North Oakland Aerial Structure Seismic Retrofit, Oakland

BART SFO Extension, San Mateo County

Port of Oakland 50-foot Deep Water Turning Basin



## 5.2 Experience of Project Manager and Team

Rodney Cahill is a licensed Civil Engineer with over 20 years of professional engineering experience in Santa Cruz County. Rodney joined MME in 2008 and became a firm owner in 2015. He believes in focusing on long-term client relationships, innovative design, and responsible project management.

Rodney's recent experience in Design and Construction Management for the award-winning Probation Tank will reinforce his ability to complete this project successfully. Rodney was closely involved in checking all site daily logs, reviewing submittal responses, monitoring concerns and providing oversight during this complex and environmentally sensitive project. Although the Probation Tank was a large welded and field coated tank, it required major retaining walls to level the site and limit disturbance of special habitat. This experience will be directly beneficial to the Construction Management of the Quail Hollow Pipeline Replacement project. Rodney will be the MME project manager and will maintain a proactive role in oversight and support for Garrett Roffe who will be out in the field.

Garrett Roffe is a licensed Civil Engineer with 13 years of professional experience in project management and engineering design. He served as the Resident Engineer for the Santa Cruz Port District during the 2011 Tsunami Damage Repairs at the Santa Cruz Harbor. He also successfully managed the Huckleberry Island Emergency Bridge Replacement Project in Brookdale, California that provided a new 110' long steel bridge across the San Lorenzo River. With experience in both construction and design, including Engineer Of Record for the storm damage repairs to Upper Park Road for the City of Santa Cruz Water Department, Garrett is familiar with interpreting construction documents and coordinating construction efforts to meet the design professional's requirements. Garrett attended San Lorenzo Valley High School before attending Cabrillo College and Cal Poly San Luis Obispo and is looking forward to working professionally in this community.

MME has developed a reputation over 30 years for quality service, ingenuity and experience. We are proud to have over five employees with over ten years of service at the firm, and this gives the District steady and reliable partners with institutional knowledge and long-term familiarity that will help the District's project succeed. Rodney and Garrett have worked together for 11 years on hundreds of successful projects and hope to continue to provide excellent advice, service and value to our clients and community for years to come.

## 5.3 Project Management Approach

Communication and organization are two key skills we develop in our project managers. Consistently tracking the scope, budget, and schedule are paramount to keeping projects on track, and good communication with the District and the project team is the cornerstone of our approach.

We will keep the District updated with detailed daily logs sent out once per week. This record of progress becomes a very helpful project management resource, as it quickly clarifies any disputes regarding progress, personnel, activities or weather. Our organized approach will help the District make accurate payments to contractors based on actual work done.

Our detailed and consistent approach to communication, including regular meetings, concise emails and availability for phone calls will help the District stay informed of the project progress and will keep the project moving forward. Additionally, clear and prompt communication improves the quality of construction and minimizes delay.





## **5.4 Firm's capacity to perform the work within the time limitations**

Our firm has a staff of eleven plus supporting sub-consultant specialists who can work in parallel, so we have plenty of people available to meet the project schedule. We are fully staffed and available to do this job.

## **5.5 What makes our firm uniquely qualified**

Our long-standing history of working well with the District is very important to us. Our great staff, our project experience and our location make us the qualified for this project.

Our team successfully provided Construction Management Services for three of the District's largest recent projects; Probation Tank, Lompico Tanks, and the 2020 Pipeline Replacement. Throughout these projects, we have developed great networks of contacts with the District's outstanding staff.

Our role as Construction Manager on the Lompico Tanks and the 2020 Pipeline Replacement projects serves as invaluable experience for this project. For example, we already have a working relationship with the project Engineer of Record and are familiar with District details and procedures. We also know many common mistakes and how to avoid them, in both design and construction, and we will put this knowledge to good use in helping the District complete another critical improvement for the Community.

MME was contracted to perform both the design and construction management services for the Probation Tank Replacement project. In addition to the project being awarded the APWA 2020 Environmental Project of the Year, our thorough design work and diligent construction management work helped the District deliver the project on time and on budget.

The final construction cost for the Probation Tank Replacement project was \$1,838,661 including less than one half of one percent in change orders, and that includes selected upgrades such as thicker roof steel. This percentage in change orders is far less than complex civil construction projects especially given the extremely sensitive and confined site. This is due to great decisiveness and leadership from the District, high quality design plans, detailed construction management, and good work by the entire project team.

Our pipeline design experience also helps us be better Construction Managers, such as the mile-long Valencia Road pipeline for Central Water District in Aptos, designed and constructed in 2019. MME solved many complex conditions on that project and this experience will help us oversee construction with a greater understanding of the possible issues, such as fire hydrant requirements, right-of-way, water meter locations and lateral realignments.

Our people live and work near or within the San Lorenzo Valley Water District service area, so we are very responsive and we take extra pride in doing a great job for the District and our neighbors. As a locally owned engineering company, we hope we can continue to serve the District well. Over the last five years our team has worked closely with the District on several critical infrastructure improvements. We value our relationship and look forward to working on more projects together in the future.



## 6.0 Experience and Past Performance

The following pages highlight three projects that highlight how our experience is suited for construction management services for the Quail Hollow Pipeline Replacement project. The three projects are as follows:

- 6.1 Probation Tank Replacement, Design and Construction Management
- 6.2 2020 Pipeline Replacement, Construction Management
- 6.3 Lompico Tanks, Construction Management



## 6.1 Probation Tank Replacement Felton, California

### Civil and Structural Engineering

After



During



**APWA 2020**

Project of the Year  
Environment  
Under \$5 M

#### Client Reference:

Rick Rogers, District Manager  
San Lorenzo Valley Water District  
13060 Highway 9  
Boulder Creek CA 95006  
831-430-4624  
rrogers@slvwd.com

**Project Cost:** \$2 Million

**Project Completion:** December 2019

During



The San Lorenzo Valley Water District contracted MME to perform design, bid support, and construction administrative services for the replacement of an existing 100,000 gallon redwood water tank with a new 32' tall, 60' diameter 530,000 gallon welded steel water tank adjacent to the Santa Cruz County Probation Center.

MME assembled a multidisciplinary team of sub-consultants to assist in development of project plans, specifications, and permitting. Expertise included ecological planning as well as civil, electrical and geotechnical engineering.

Construction administrative services performed by MME included review of submittals and schedules, response to RFI's, preparation of progress payments and contract change orders, attendance of weekly site meetings, and verification of contract compliance through daily site observations accompanied by photo documentation and written reports.

Additionally, MME coordinated a team of sub-consultants to perform labor compliance verification, special inspections, and materials testing. Special inspections were performed for site earthwork and drilling as well as welding and coatings inspection in the shop and field. Materials testing included concrete strength tests and compaction testing for asphalt and soils.

Before





## 6.2 2020 Pipeline Replacement Ben Lomond and Boulder Creek, California

## Construction Management



**California Drive,  
Ben Lomond**

MME performed the Construction Management for this project. Our duties included:

- Review and distribution of the Contractor's traffic control plans
- Coordinated the Submittals process
- Held weekly on-site meetings with the District and Contractor; and conducted daily site visits during active construction
- Provided progress payment recommendations to the District
- Assisted the Contractor with coordination of utility services
- Analyzed change order requests by the Contractor and provided recommendations to the District
- Subconsultant Specialist for the Prevailing Wage Certified Payroll Monitoring

The 2020 Pipeline Replacement Project Phase 1 is the first step in an extensive modernization of the District's pipeline infrastructure. The successful delivery of this project will continue the great momentum the District has built in delivering recent successful tank replacement projects. MME helped the District improve the reliability and quality of water service and increase the fire-fighting flowrate for the people of the San Lorenzo Valley.

This project is comprised of two sites, California Drive Site located in Ben Lomond and Hillside Drive Site located north of Boulder Creek. Phase 1 entails the installation of approximately 1,900 feet of 6-inch ductile iron water main in California Drive and approximately 1,550 feet of 8-inch high-density polyethylene, HDPE water main in Hillside and Reynolds Drive.

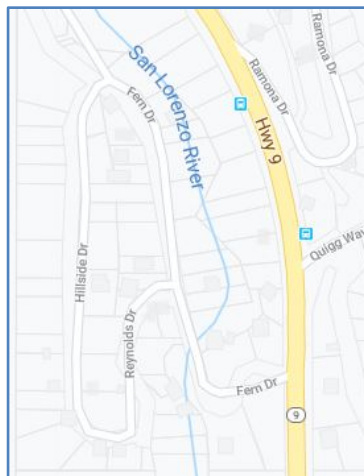
In addition to providing the new water mains, all existing water services along the alignment of the new water mains were replaced. This includes upgraded including fittings, valves, meters, and fire hydrants. The new service piping is equal or larger in size as the old service piping. A new precast concrete vault with aluminum double door access hatch was installed in Fern Drive for a new pressure reducing valve (PRV) station to stabilize pressures in the Hillside Drive neighborhood. The new larger HDPE pipe is more earthquake resilient and more flexible to suit the site-specific geotechnical conditions in Hillside Drive.

### Client Reference:

Rick Rogers, District Manager  
San Lorenzo Valley Water District  
13030 Highway 9, Boulder Creek, CA 95006  
831-338-2153 (office) / 831-430-4624 (direct)  
rrogers@slvwd.com

**Project Cost:** \$1.3 M

**Project Completion:** Summer 2021



**Hillside and Reynolds Drive,  
Boulder Creek**



## 6.3 Lompico Tanks Replacement Felton, California

## Construction Management



Kaski Site – Twin 42,000 gallon tanks, 20' Ø, 23' H



Madrone Site – Twin 75,000 gallon tanks, 26' Ø, 25' H

### Client Reference:

Rick Rogers, District Manager  
San Lorenzo Valley Water District  
13030 Highway 9, Boulder Creek, CA 95006  
831-338-2153  
rrogers@slvwd.com

**Project Cost:** \$2.3 Million

**Project Completion:** 2021

MME provided comprehensive construction management services for six new bolted steel tanks at three separate locations in the Santa Cruz Mountains.

This project is an example of how MME is helping the Water District to steward safe drinking water and fire-fighting water storage for the community. This essential construction continued during all phases of the 2020 COVID-19 Shelter-in-Place Order and the CZU Lightning Complex Fire.

Our construction manager lead weekly project meetings to consistently track progress, schedule, status of RFIs, payments, and prevailing wage payroll records.

Our team provided complete observation and testing of all work including grading and earthwork including foundation excavations and utility trenches. We also provided inspections and testing for asphalt placement observation and compaction testing, concrete sampling and cylinder compression testing. MME engineers inspected the foundation rebar reinforcement, storm drains, water piping and conduits; and created detailed daily logs including photographic documentation of the construction progress.



Lewis Site – Twin 114,000 gallon tanks, 32' Ø, 25' H

*“MME did a great job. Their Construction Manager is very thorough and detailed. He professionally negotiated change orders; and we are very pleased.”*  
– Rick Rogers, District Manager



## 7.0 Exceptions

We certify that we have fully read the RFP and take no exceptions to any portion of this RFP.



## 8.0 Contractual Scope of Services

This scope of our services is based on a review of the Request for Proposal, Construction Bid Documents from SLVWD website, visits to the project site and discussions with you.

### 8.1 Construction Management Services

1. Issue necessary clarifications and interpretations of the contract documents to allow orderly completion of the work by the contractor. Coordinate and manage Requests for Information from the Contractor and distribute to the Engineer for review. Maintain a current log of RFI status, schedule and resolution.
2. Review the Contractor's traffic control plans and distribute to the Engineer for comment. Monitor traffic control operations for compliance with the traffic control plans.
3. Coordinate and manage the construction Submittals process by transmitting between the Contractor and the Engineer for review of compliance to construction documents. Maintain a current log of submittal status, schedule and resolution.
4. Establish and hold weekly on-site meetings with the Contractor throughout the active construction phase to review progress and facilitate coordination. Prepare the agenda and minutes summarizing discussions covered in the weekly meetings and action items. Review and track Contractor compliance with submitted schedules and request monthly revisions to the schedule. Keep a summary of the projects progress that includes status of change orders, contract days remaining, work completed, schedule adherence, and work in progress.
5. Conduct daily site visits during the active on-site construction phase to document compliance with the plans and specifications. Confirm that materials and methods specified in the approved submittals and construction documents are used. Prepare detailed daily logs showing the number and name of personnel on site and their activity, equipment in use and standing by, work in progress, communications with contractor, and weather on the County/Federal standard form. Document traffic control measures. Take photos and keep an organized record of construction progress. Provide written weekly updates detailing progress.
6. Provide progress payment recommendations to the Engineer following review of the contractor's progress payment requests to ensure they are in accordance with the work complete and the contract documents. Only once materials are delivered to the site will they be recommended for payment.
7. In the event of any change order request by the contractor, MME will analyze the request and provide recommendations to Engineer through communication any involved inspection/testing sub-consultants. MME will maintain current records of all change orders and any changes to contract days or contract dollar amounts.
8. If testing is included, we will review test reports from our testing and inspection team and notify the Engineer and the Contractor in the event of any non-conforming items. Prepare recommendations to reject or accept any variations in the work performed through coordination with our inspectors, the Engineer and the Contractor.
9. Provide a final punch list of all items that were not satisfactorily completed and field-verify completion of those items.



10. Review As-Built drawings from the Contractor for completeness based on change orders and RFI logs.
11. Review construction for adherence to the project plans and specifications.
12. Provide subconsultant prevailing wage labor compliance monitoring services as detailed in the attached proposal from 360PSM.

#### **Optional Services**

13. Special inspection of asphalt compaction can be provided by our sub consultant, Smith-Emery, if needed.

#### **Additional Services**

Additional services are those items which are not specifically mentioned under the scope of proposed services outlined above and/or those items which arise as a result of unforeseen circumstances. Any additional services and compensation shall require written authorization from the District.

The following is a partial list of work excluded from our scope of services: Destructive testing, Geotechnical Investigation, Fish and Wildlife or Water Quality Permits, Hazardous Materials Services, Mechanical, Electrical or Traffic Engineering, Pumps, PG&E permit applications, County permit applications, Water Model Analysis, FEMA studies, Arborists Reports, Tree Protection Plans, Signalized Intersections and Crosswalk Modifications, Electrician services, confined space entry, night work.





## 8.1 Schedule

The following summary outlines an estimated schedule for the Construction Management of the Quail Hollow Pipeline Replacement project based on the 180 calendar days allocated to the contract by the District. We are allowing for startup before the 180 day active construction phase, and two months of closeout at the end. As detailed in our attached fee estimate, we anticipate our effort and the bulk of our work will be concentrated on the active construction phase.

The selected construction Contractor will prepare a more detailed project construction schedule with specific breakdown of the 180 schedule into multiple tasks depending on his equipment and crew capabilities. That schedule is required from the Contractor during the contract award process.

### Start Up Phase

1. Bid Opening: October, 2021
2. Review bids and issue Letter of Intent to Award
3. Contract Review and Execute Contract
4. Review Bonds and Issue Notice to Proceed

### Active Construction Phase

1. Submittals, Materials Ordering, Mobilization and Site Setup: 30 days
2. Pipeline Construction: 135 days
3. Testing and Disinfection: 5 days
4. Paving: 5 days
5. Punchlist: 5 days

Total Contract Days: 180 days

### Closeout

1. Record Drawings
2. Final payment
3. Record Notice of Completion
4. Release Retention 35 days after Recorded Notice of Completion



## 9.0 Insurance

The following page is an example of our Certificate of Liability Insurance.



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

4/20/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Dealey, Renton & Associates P. O. Box 12675 Oakland CA 94604-2675	<b>CONTACT NAME:</b> Elise Fisher <b>PHONE (A/C. No. Ext):</b> 510-465-3090 <b>E-MAIL ADDRESS:</b> certificates@dealeyrenton.com	<b>FAX (A/C. No):</b> 510-452-2193
	<b>INSURER(S) AFFORDING COVERAGE</b>	
License#: 0020739 MESIENG-01	<b>INSURER A:</b> US Specialty Insurance Company <b>INSURER B:</b> Sentinel Insurance Company <b>INSURER C:</b> Hartford Accident and Indemnity Company <b>INSURER D:</b> Trumbull Insurance Company <b>INSURER E:</b> <b>INSURER F:</b>	<b>NAIC #</b> 29599 11000 22357 27120
<b>INSURED</b> Mesiti-Miller Engineering, Inc. 224 Walnut Avenue, Suite B Santa Cruz CA 95060		


**COVERAGES** **CERTIFICATE NUMBER:** 281061034 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
B	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liab <input type="checkbox"/> Included GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC <input type="checkbox"/> OTHER:	Y	Y	57SBWBN1671	12/10/2020	12/10/2021	EACH OCCURRENCE \$2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$1,000,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$2,000,000 GENERAL AGGREGATE \$4,000,000 PRODUCTS - COMP/OP AGG \$4,000,000 \$
C	<input checked="" type="checkbox"/> <b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY	Y	Y	57UEGFN8896	12/10/2020	12/10/2021	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> <b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000	Y	Y	57SBWBN1671	12/10/2020	12/10/2021	EACH OCCURRENCE \$1,000,000 AGGREGATE \$1,000,000 \$
D	<input checked="" type="checkbox"/> <b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y/N <input checked="" type="checkbox"/> N/A (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		Y	57WEGA4YSL	12/10/2020	12/10/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
A	Professional Liability			USS2031405	12/10/2020	12/10/2021	Per Claim \$2,000,000 Annual Aggregate \$2,000,000

**DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)**  
 Umbrella Liability policy is a follow-form underlying General Liability/Auto Liability.  
 For proposal purposes only.

**CERTIFICATE HOLDER** **CANCELLATION 30 Day Notice of Cancellation**

***SAMPLE CERTIFICATE***	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 

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## **10.0 Professional Fee and Fee Schedules**

The following 2 pages contain our professional fee and fee schedule.



Construction Administration Services - Fee Estimate (180 calendar day contract schedule)													
Quail Hollow Pipeline Replacement													
San Lorenzo Valley Water District													
MME Project No: 21170													
10/04/21													
Item	Task Description	Hours Per Work Day	Work Days Per Month	Const Calend. Days	Monthly Personnel Hours and Hourly Billing Rates							Admin Assist	Fee
					Principal Engineer \$210	Engineer V \$200	Engineer IV \$180	Engineer III \$155	Engineer II \$135	Engineer I \$116			
<b>Startup Phase</b>													
1	October				4			40			4	\$7,388	
<b>On-site Active Construction Phase (180 calendar days)</b>													
2	November	6	20	30	6			120			2	\$20,034	
3	December	6	21	31	6			126			2	\$20,964	
4	January	6	20	31	6			120			2	\$20,034	
5	February	6	19	28	6			114			2	\$19,104	
6	March	6	23	31	8			138			2	\$23,244	
7	April	6	20	29	8			120			2	\$20,454	
<b>Closeout Phase</b>			123	180									
8	May	4	21		4			84			4	\$14,208	
9	June	2	22		2			44			4	\$7,588	
<b>MME In House Services Total:</b>			<b>166</b>	<b>180</b>								<b>\$153,018</b>	
<b>Sub-consultant Team</b>													
											Markup		
1	Prevailing Wage Certified Payroll Monitoring - 360PSM (6 months x \$1380/month)										\$ 8,280	1.1	\$9,108
<b>Sub-consultant Subtotal:</b>													<b>\$9,108</b>
<b>Expenses</b>													
1	Mileage (20 mile R/T x 123 work days during Construction Phase x 56c per mile)										2,460	0.56	\$1,378
2	Printing												\$50
<b>Expense Subtotal:</b>													<b>\$1,428</b>
											<b>Total:</b>		<b>\$163,554</b>

Optional Services (not included)											Markup		
1	Asphalt and Compaction - Material Testing Services - Smith-Emery										\$ 9,941	1.1	\$10,935
2	Additional construction administration services if needed, per month												\$20,964

This is our estimate based on currently available schedule & information. We may redistribute compensation between phases to be consistent with the hours of services provided, but shall not exceed the total unless approved by the Client.  
 This estimate is based on hourly rates effective through December 2021



## Schedule of Standard Billing Rates

Effective through December, 2021

### Office Personnel

Engineer I	\$ 116 / hour
Engineer II	\$ 135 / hour
Engineer III	\$ 155 / hour
Engineer IV	\$ 180 / hour
Engineer V	\$ 200 / hour
Principal Engineer	\$ 210 / hour
Expert Witness Services Deposition, court appearance and preparation	\$ 345 / hour
Administrative Assistant	\$ 87 / hour
CAD Technician I	\$ 85 / hour
CAD Technician II	\$ 105 / hour
Field Technician I	\$ 100 / hour
Field Technician II	\$ 125 / hour
Minimum Consultation Fee	\$ 750

### Reimbursable Expenses

<b>Sub-Consultants</b>	Direct Billing x 1.10
<b>Outside Services</b>	Direct Cost x 1.15
Printing, delivery, equipment rental and other direct project expenses	
<b>In-House Services</b>	
Photocopies	\$ 0.10 sheet
Plotting -internal check plots on bond	\$ 2.00 sheet
-final plots on bond	\$ 10.00 sheet
<b>Travel</b>	
Automobile mileage	\$ 0.56 mile
Airfare, Car Rental, etc.	Direct Cost x 1.15
Per Diem Allowance (varies by location)	\$ 150/day

MEMO

To: Engineering Committee  
From: District Engineer  
Subject: Review of Final Water Master Plan Draft  
Date: October 14, 2021

Akel Engineering has provided a Final Draft of the Water Master Plan for review by the District prior to finalization of the report. The full document is over 300-pages and is being reviewed by S District staff. Rather than provide the complete document here, the Executive Summary is reproduced in full below. The complete document is available for review on the District website, here: <https://www.slvwd.com/engineering>

*The purpose of this Water Master Plan is to determine the future water demands and supply requirements for San Lorenzo Valley Water District (District) and to identify the water facilities needed to produce, deliver, store, and transport this supply to its customers. The required facilities are based on the projected highest water usage day, when the District is fully developed.*

*This executive summary presents a brief background of the District's water distribution system, the planning area characteristics, the system performance and design criteria, the hydraulic model, and a capital improvement program. A hydraulic model of the District's existing water distribution system was created and used to evaluate the capacity adequacy of the existing distribution system and to recommend improvements to mitigate existing deficiencies, as well as to service future growth.*

Note that due to the DRAFT nature of the full document, it will be removed from the website at the conclusion of the Engineering Committee meeting. The Final Report will be uploaded to the website subsequent to acceptance of the report by the Board of Directors. Staff anticipate submittal of the Final Report to the Board at the November 4, 2021 meeting.