



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 Wednesday, May 18, 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 agenda 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 agenda items.

A. REVIEW OF REQUEST FOR PROPOSALS & REQUEST FOR QUALIFICATIONS CURRENTLY OUT TO BID
Discussion and possible action by the Engineering Committee regarding a review of RFPs & RFQs progress.

5. Informational Material:
Here is a link <https://www.slwvd.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.slwvd.com subject to staff's ability to post the documents before the meeting.


Certification of Posting

I hereby certify that on May 14, 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 May 14, 2021.


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

Engineering Department Project Calendar May 2021

 San Lorenzo Valley WATER DISTRICT	May	June	July
2020 Pipeline Replacement Project			
	Completed in May, to be removed from Calendar		
Lompico Tanks			
	Project Completion in late May, due to leak setback		
Water Master Plan			
	Mitigation/CIP report by end of May	Draft Water Master Plan Report by end of June	
Lyon Complex Road			
	Bid Awarded, currently in design		
Quail Hollow Pipeline			
	RFP for Construction in June, delayed by PG&E		
Glen Arbor Bridge			
	Waiting on CalTrans Encroachment Permit	RFP for Construction in Late June	
Eckley Tank			
	In Design		
Alta Via Pipeline			
	In Design, have sent out RFP for Geotech per Caltrans requirement		
5 - Mile Pipeline			
	Out for Re-Bid		

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

Engineering Department Project Calendar May 2021

 San Lorenzo Valley WATER DISTRICT	May	June	July	
Lyon Pipeline Replacement				
	Awaiting Survey/Geotech			
Foreman Electrical				
	Expanding Project scope again, still in design		Construction RFP in July	
Little Lyon Tank Recoating				
	Project to begin by Mid/Late May			
AWIA Emergency Response Plan				
	RFP for ERP is currently out			
Riverside Grove Booster				
	Bid awarded		Project begins early June	
Blueridge Tank Replacement				
	Survey finished, RFP out, seeking Geotech			
Foreman Grading & Erosion Control				
	Consultant to begin Design in May			
Fall Creek Fish Ladder				
	Out for Bids			

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

Current as of:	5/13/2021	Disclaimer:	Dates on this calendar are approximated given current information, and are expected to change due to unforeseen circumstances and project variability.
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Memo

From: District Engineer

To: Engineering Committee

Date: 5/13/2021

Subject: Summary of Requests for Proposals/Quotes Currently Out for Bid

The District currently has the following RFPs out for bid

1. 5-Mile Constructability Study, Due June 8
 - a. This RFP is being re-bid, as the original bid solicitation resulted in only one bid. FEMA requires that there be multiple bids in be eligible for funding.
 - b. The proposed Study includes consideration of the following possible strategies:
 - i. Replacement in kind, installing new HDPE pipe at grade along the existing shelf;
 - ii. Installation of new pipeline at grade with alternate materials intended to be more fire-resistant, with or without additional fire protection measures intended to harden the installation against future wildfires;
 - iii. Installation of HDPE or other suitable material pipe below grade; and
 - iv. Possible re-routing of pipeline by increasing axial slope of pipeline as much as four percentage points (to a new axial slope of not more than 5%) for each of items 1 through 3, inclusive, above.
2. Fall Creek Fish Ladder Construction, Due June 1
 - a. Construction of the Fish Ladder will include:
 - i. Demo of existing weirs, control structures, and access structures
 - ii. Construction of new weirs, to include two additional weirs which reduce the jump height from 18-in to the currently required 12-in
 - iii. Placement of new concrete in the stream bed to reduce leakage or bypass of the fish ladder
 - iv. Construction of new control and access structures
 - v. Rehabilitation of existing submersible pumps
 - vi. Relocation of pump intakes
3. Fall Creek Fish Ladder Construction Management, due June 1
 - a. Construction Management for the Fish Ladder project will include:
 - i. Coordinate construction/maintenance/demo of temporary diversion and water intake structures with Contractor and District Staff; ensure that the temporary intake is operational at all times during the course of the project except when transferring flow from existing intake to temporary intake and from temporary intake to proposed intake.
 - ii. Issue necessary clarifications and interpretations of the contract documents as appropriate to the orderly completion of contractor's work. Such clarifications and interpretations will be consistent with the intent of and reasonably inferable from the contract documents.

- iii. Review, approve and monitor traffic control plans.
- iv. Coordinate the submittal process by transmitting to the appropriate design professional for compliance with construction documents. Develop and maintain files of approved submittals.
- v. Establish and hold weekly progress and coordination meetings with SLVWD and the Contractor at the site during active on-site construction phase. Prepare the agenda and summary notes for weekly meetings and review the Contractor's schedule. Monitor Contractor's compliance with submitted schedule. Request new schedules as they become outdated due to changes. Summarize project progress and include the status of change orders, number of contract days remaining, work completed, adherence to schedule, and work in progress.
- vi. Visit the site each working day during the active on-site construction phase as necessary to observe the work and document compliance with the plans and specifications. Confirm that materials and installation methods used are those specified in approved submittals or the contract documents. Photographically document the progress of the work daily; document milestones with additional photos. Review traffic control installation and ongoing traffic control efforts by the construction contractor. Prepare daily site observation logs that document progress of work performed, labor and equipment on site, and communications with the Contractor.
- vii. Coordinate all required Special Inspections with Contractor and third-party Inspectors; maintain a spreadsheet of required Special Inspections and date/time each takes place; document with additional photographs as appropriate.
- viii. Document conformance/non-conformance of Contractor with all permit requirements.
- ix. Review Contractor's progress payment requests and provide recommendations regarding payment in accordance with the work complete and the contract documents.
- x. Assist with Contractor coordination with the utility companies, PG&E, Comcast, AT&T, Verizon, Sprint, etc.
- xi. If a change order request is presented by the Contractor, Consultant shall review the request, communicate with SLVWD, the Contractor, and any involved inspection/testing sub-consultants, and provide a recommendation to the District. Consultant shall maintain current records and documentation for all change orders, along with changes in contract days and contract dollar amount.
- xii. Review test reports and notify the District and the Contractor regarding reports indicating non-conforming items. Coordinate with the Contractor and the special testing and inspection sub-consultants to resolve and document variations in the work from that specified in the construction documents.
- xiii. Prepare a final punch list of items not yet satisfactorily completed and visit the project site to verify completion of those items.

- xiv. Obtain letters of final acceptance from the associated design professionals summarizing their observations and conformance with the project plans and specifications.
- xv. Obtain record drawings from the associated design professionals based on Contractor's as-built drawings, site observation logs, and RFI logs for District records.
- xvi. Review construction for adherence with the project plans and specifications.

In addition, the District has the following RFQs out for quotation:

1. Blue Ridge Tank Geotech, due May 25
 - a. Solicitation for quotes to perform site characterization, including:
 - i. Borings to obtain subsurface soil samples
 - ii. Laboratory analysis of samples
 - iii. Provide recommendations for foundations, grading, paving, and storm drainage
2. Alta Via/CA-9 Geotech, due May 25
 - a. This investigation is required by Caltrans prior to making hot tped connection to the existing main under CA-9
 - b. Solicitation for quotes to perform site characterization, including:
 - i. Borings to obtain subsurface soil samples
 - ii. Laboratory analysis of samples
 - iii. Provide recommendations for pavement restoration
3. AWIA Emergency Response Plan, due May 28
 - a. Solicitation to obtain quotes for preparation of the Emergency Response Plan (ERP) required by the American Water Infrastructure Act of 2018 (AWIA)
 - b. ERP shall include:
 - i. strategies and resources to improve the resilience of the system, including the physical security and cybersecurity of the system;
 - ii. plans and procedures that can be implemented, and identification of equipment that can be utilized, in the event of a malevolent act or natural hazard that threatens the ability of the community water system to deliver safe drinking water;
 - iii. actions, procedures and equipment which can obviate or significantly lessen the impact of a malevolent act or natural hazard on the public health and the safety and supply of drinking water provided to communities and individuals, including the development of alternative source water options, relocation of water intakes and construction of flood protection barriers; and
 - iv. strategies that can be used to aid in the detection of malevolent acts or natural hazards that threaten the security or resilience of the system.
 - c. In addition, the Consultant will review the District's Risk and resilience Assessment (RRA), produced in-house earlier this year.