



FALLBROOK PUBLIC UTILITY DISTRICT
MEETING OF THE ENGINEERING & OPERATIONS COMMITTEE

AGENDA

MONDAY, MAY 9, 2022
9:00 A.M.

FALLBROOK PUBLIC UTILITY DISTRICT
990 E. MISSION RD., FALLBROOK, CA 92028
PHONE: (760) 728-1125

THIS MEETING WILL BE HELD PURSUANT TO GOVERNMENT CODE SECTION 54953(e)(1)(A), WHICH WAIVES CERTAIN BROWN ACT TELECONFERENCING REQUIREMENTS DURING A PROCLAIMED STATE OF EMERGENCY WHEN STATE OR LOCAL OFFICIALS HAVE IMPOSED OR RECOMMENDED MEASURES TO PROMOTE SOCIAL DISTANCING, AND ALLOWS SOME OR ALL OF THE MEMBERS OF THE ENGINEERING & OPERATIONS COMMITTEE TO ATTEND THIS MEETING TELEPHONICALLY OR VIA VIDEO CONFERENCE. MEMBERS OF THE PUBLIC WHO DO NOT WISH TO ATTEND IN PERSON ARE ENCOURAGED TO PARTICIPATE IN THE MEETING VIA WEB CONFERENCE USING THE BELOW CALL-IN AND WEBLINK INFORMATION. MEMBERS OF THE PUBLIC MAY ALSO PARTICIPATE IN THIS MEETING BY ATTENDING IN PERSON AT THE DISTRICT OFFICE LOCATED AT 990 E. MISSION RD., FALLBROOK, CA 92028.

Join Zoom Meeting

<https://us06web.zoom.us/j/89264539157?pwd=VmdYc3FtTXpmNmhpK0h5Rzg0c1NqQT09>

MEETING ID: 892 6453 9157
AUDIO PASSCODE: 266210

Dial by your location

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Find your local number: <https://us06web.zoom.us/j/kvRWv7LrC>

PUBLIC COMMENTS: Members of the public may submit public comments and comments on agenda items in one of the following ways:

SUBMIT COMMENTS BEFORE THE MEETING:

- By emailing to our Board Secretary at leckert@fpud.com
- By mailing to the District Offices at 990 E. Mission Rd., Fallbrook, CA 92028
- By depositing them in the District's Payment Drop Box located at 990 E. Mission Rd., Fallbrook, CA 92028

All comments submitted before the meeting by whatever means must be received at least 1 hour in advance of the meeting. All comments will be read to the Board during the appropriate portion of the meeting. Please keep any written comments to 3 minutes.

REMOTELY MAKE COMMENTS DURING THE MEETING: The Board President will inquire prior to Board discussion if there are any comments from the public on each item.

- Via Zoom Webinar go to the "Participants List," hover over your name and click on "raise hand." This will notify the moderator that you wish to speak during oral communication or during a specific item on the agenda.
- Via phone, you can raise your hand by pressing *9 to notify the moderator that you wish to speak during the current item.

MAKE IN-PERSON COMMENTS DURING THE MEETING: The Board President will inquire prior to Board discussion if there are any comments from the public on each item, at which time members of the public attending in person may make comments.

THESE PUBLIC COMMENT PROCEDURES SUPERSEDE THE DISTRICT'S STANDARD PUBLIC COMMENT POLICIES AND PROCEDURES TO THE CONTRARY.

If you have a disability and need an accommodation to participate in the meeting, please call the Board Secretary at (760) 999-2704 for assistance.

I. PRELIMINARY FUNCTIONS

CALL TO ORDER / ROLL CALL

PUBLIC COMMENT

II. ACTION / DISCUSSION -----(ITEMS A-C)

- A. SMRCUP CHANGE ORDER
- B. UPDATE OF EMERGENCY DECLARATION FOR PIPELINE REPLACEMENTS
- C. APPROVAL FOR ONE-TIME PAVING AWARD

III. ADJOURNMENT OF MEETING

* * * * *

DECLARATION OF POSTING

I, Lauren Eckert, Executive Assistant/Board Secretary of the Fallbrook Public Utility District, do hereby declare that I posted a copy of the foregoing agenda in the glass case at the entrance of the District Office located at 990 East Mission Road, Fallbrook, California, at least 72 hours prior to the meeting in accordance with Government Code § 54954.2.

I, Lauren Eckert, further declare under penalty of perjury and under the laws of the State of California that the foregoing is true and correct.

May 5, 2022
Dated / Fallbrook, CA

/s/ Lauren Eckert
Executive Assistant/Board Secretary

M E M O

TO: Engineering & Operations Committee
FROM: Aaron Cook, Engineering Manager
DATE: May 9, 2022
SUBJECT: SMRCUP Change Order

Description

Final contractor change order and construction manager services amendment for the construction of the Santa Margarita River Conjunctive Use Project (SMRCUP) Facilities.

Purpose

The contract for the construction of the SMRCUP facilities was awarded to Filanc Alberici Joint Venture in July 2019 with a contract completion date of October 2021. After construction began, a Granular Activated Carbon (GAC) treatment system additional treatment on the RO bypass flows was added to the scope of work. Change orders for the installation of the GAC system yard piping was approved in December of 2020 and for the installation of the GAC feed pumps, vessels, and electrical was approved in February of 2021. The February 2021 change order also included additional costs for the installation of the 24-inch pipeline. The original scope of work was substantially completed in November 2021, and the treatment plant began delivering treated water in December, while work on the GAC treatment system continued. The GAC related work was substantially completed in March 2022. Because the GAC installation went beyond the original contract schedule, additional overhead funds as well as all additional construction costs to deliver the final treatment plant are incorporated into a final change order. A summary of contractor construction costs is shown in the following table:

Item	Value	Approval Date
Original Contract	\$54,398,232	July 2019
GAC Yard Pipe	\$559,145	Dec 2020
GAC Treatment System Install	\$3,064,873	Feb 2021
Pipeline Alignment Changes CO	\$325,000	Feb 2021
Final CO	\$758,582	Pending
Total Construction Contract	\$60,396,319	

A construction management (CM) professional services agreement was awarded to Terrapin Group, led by Franz Schauer, in August of 2018 to provide construction oversight. The approved value of the agreement was \$1,853,740, which covered CM time through November. An amendment to the service agreement valued at \$95,015 is needed to cover CM time since November.

Budgetary Impact

Costs for the construction of the SMRCUP facilities are funded by the Department of Water Resources State Revolving Fund loan approved in June of 2019 and amended to include the GAC facility costs in November of 2021. The loan agreement included \$3,440,000 contingency for potential change order costs. The final change order costs total \$1,083,582, so the full contingency will not be necessary.

Additionally, based on Board direction in April 2021 and January 2022, \$1,534,663 of funds received from SDCWA WSR Settlement have been applied to SMRCUP project costs. Total project costs and final SRF Loan balance, per the SRF loan agreement is shown in the table below:

SMRCUP SRF Loan Project Cost Table			
Type of Work	Approved Budget	Actual Cost	SRF Loan Balance*
A. Construction			
Filanc-Alberici as Joint Venture	\$ 54,398,232	\$ 54,398,232	\$ 54,398,232
GAC Equipment	\$ 1,260,493	\$ 1,290,487	\$ -
GAC Yard Pipe	\$ 559,145	\$ 559,145	\$ 559,145
GAC Installation	\$ 3,200,000	\$ 3,064,873	\$ 3,064,873
Subtotal - A	\$ 59,417,870	\$ 59,312,737	\$ 58,022,250
B. Pre-urchased Material/Equipment			
	\$ -		
C. Land Purchase			
	\$ -		
D. Change Order Contingency			
	\$ 3,440,000	\$ 1,083,582	\$ 943,565
E. Allowances			
Construction Management	\$ 4,161,308	\$ 3,877,021	\$ 3,877,021
Administration	\$ 70,000	\$ 141,574	\$ 37,415
Other Cost: SCADA Integration	\$ 400,000	\$ 376,618	\$ 376,618
Other Cost: GAC Design	\$ 811,333	\$ 811,333	\$ 811,333
Subtotal - E	\$ 5,442,641	\$ 5,206,547	\$ 5,102,388
TOTAL (Subtotal A+B+C+D+E)	\$ 68,300,511	\$ 65,602,866	\$ 64,068,203
*\$1,534,663.30 of funds from MWD/SDCWA WSR charge settlement used towards project expenses to reduce loan value.			

Recommended Action

That the Committee recommend to the Board authorization to approve the change order for Filanc-Alberici to complete all additional work at a cost of \$758,582, and to approve the professional services agreement amendment for Terrapin Group at a cost of \$95,015 to complete all Construction Management services.

M E M O

TO: Engineering & Operations Committee
FROM: Kevin Collins, Purchasing/Warehouse/Fleet Supervisor
Aaron Cook, Engineering Manager
DATE: May 9, 2022
SUBJECT: Update of Emergency Declaration for Pipeline Replacements

Description

California Public Contract Code Section 22050 authorizes special contracting procedures in case of an emergency; the General Manager may take immediate action required by the emergency to procure the necessary equipment, services, and supplies for those purposes, without giving notice for bids. However, the GM must report to the Board of Directors with an update at each regularly scheduled meeting to determine that there is a need to continue the action. When the Board reviews the emergency action, it shall terminate the action at the earliest possible date that conditions warrant so that the remainder of the emergency action may be completed by giving notice for bids to let contracts.

Purpose

Due to numerous leaks in damaged pipeline disrupting essential service to customers on sections of Ivy St, Minnesota Ave, Alvarado St, Via Arroyo and Alta Vista, an agreement was made with SRK Engineering, the pipeline contractor already under contract for the Gum Tree Pipeline Replacement, to additionally replace these sections of pipeline. Catastrophic pipe failure at these locations has required temporary measures to maintain service, including abandonment of looped sections of pipe and high lined services. These temporary remedies need to be permanently replaced to maintain reliable water service. The typical design, bid, build process would take 10 to 15 months. By working with SRK Engineering, who is already mobilized for pipeline replacements in the District, this work can be completed in 2 to 4 months, minimizing the time the District is dependent on less reliable temporary remedies. The District has agreed to provide materials for the emergency replacements while the contractor charges for labor under the District's standard time and materials agreement. The total length of pipe to be replaced will be as much as 2,000 linear feet, with pipe sizes ranging from 6-inch to 12-inch diameter.

As of May 6, the Ivy St replacement is complete and the Alvarado St replacement is approximately 50% complete.

Budgetary Impact

The estimated installation cost of these repairs will be \$440,000. The costs will be covered by the capital budget pipeline replacement funds. Because of procurement

delays on planned pipeline replacement projects, unused capital funds are available to prioritize these emergency replacements within the approved budget. Year end projections below include estimated emergency replacement costs.

	FY 2021/22 Budget	Projected Year End
Total PAYGO	\$7,388,000	\$5,615,000
Pipeline Replacement	\$3,488,000	\$2,900,000

Recommended Action

The committee recommend to the Board that there is a need to continue the emergency action to replace failed pipelines and restore essential service to customers.