



FALLBROOK PUBLIC UTILITY DISTRICT  
MEETING OF THE ENGINEERING & OPERATIONS COMMITTEE

AGENDA

MONDAY, FEBRUARY 12, 2024  
12:00 P.M.

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

**THIS MEETING WILL BE HELD AT THE ABOVE DATE, TIME, AND LOCATION AND MEMBERS OF THE PUBLIC MAY ATTEND IN PERSON AT THE DISTRICT OFFICE LOCATED AT 990 E. MISSION RD., FALLBROOK, CA 92028. FOR THE CONVENIENCE OF MEMBERS OF THE PUBLIC WHO DO NOT WISH TO ATTEND IN PERSON, FALLBROOK PUBLIC UTILITY DISTRICT PROVIDES A MEANS TO OBSERVE AND PROVIDE PUBLIC COMMENTS AT THE MEETING VIA WEB CONFERENCE USING THE BELOW CALL-IN AND WEBLINK INFORMATION. PLEASE NOTE THAT IN THE EVENT OF TECHNICAL ISSUES THAT DISRUPT THE ABILITY OF MEMBERS OF THE PUBLIC TO VIEW THE MEETING OR PROVIDE PUBLIC COMMENTS THROUGH THE WEB CONFERENCE OPTION, THE MEETING WILL CONTINUE.**

Join Zoom Meeting

<https://us06web.zoom.us/j/83062772995?pwd=CA7Mfj8iz1mcUSJMXB3Si8aW3rq3AP.1>

MEETING ID: 830 6277 2995  
AUDIO PASSCODE: 959007

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+1 312 626 6799 US (Chicago); +1 646 558 8656 US (New York); +1 301 715 8592 US (Washington DC)

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**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](mailto: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 Committee during the appropriate portion of the meeting. Please keep any written comments to 3 minutes.

**REMOTELY MAKE COMMENTS DURING THE MEETING:** The Committee Chair will inquire prior to Committee 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 Committee Chair will inquire prior to Committee 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-D)**

- A. ENGINEERING AND OPERATIONS KEY PERFORMANCE INDICATORS
- B. AWARD OF ROSS LAKE PIPELINE REPLACEMENT PROJECT
- C. ELECTRIC VEHICLE SUPPLY EQUIPMENT GRANT FROM SDG&E AGREEMENT
- D. PROFESSIONAL SERVICES AGREEMENT FOR DE LUZ PUMP STATION DESIGN AND HYDRAULIC MODELING

**III. ADJOURNMENT OF MEETING**

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**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.

February 9, 2024  
Dated / Fallbrook, CA

/s/ Lauren Eckert  
Executive Assistant/Board Secretary

**M E M O**

**TO:** Engineering and Operations Committee  
**FROM:** Aaron Cook, Engineering Manager  
Carl Quiram, Operations Manager  
**DATE:** February 12, 2024  
**SUBJECT:** Engineering and Operations Key Performance Indicators

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**Purpose**

To provide information to the Board on the Key Performance Indicators (KPIs) that have been developed for Engineering and Operations.

**Summary**

The primary purpose for developing and tracking KPIs is to provide a performance measurement system that gives management the ability to analyze data, make better decisions, and improve the organization. District KPIs are largely focus on Capital Improvement Projects (CIP), Preventative Maintenance (PM), leak response, and regulatory compliance.

**Recommended Action**

This is an information item. No board action needed.

**M E M O**

**TO:** Engineering & Operations Committee  
**FROM:** Aaron Cook, Engineering Manager  
**DATE:** February 12, 2024  
**SUBJECT:** Award of Ross Lake Pipeline Replacement Project (Job 3200)

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Description

Request for Board approval to award the Ross Lake Pipeline Replacement Project to the lowest responsive bidder.

Purpose

As part of the District's pipeline and valve replacement program, a priority list of replacement projects were identified based on high rates of past failures and age of the facilities. The Ross Lake Pipeline was selected as a priority due to leaks, age, and condition, including multiple mainline breaks over the past year. District staff prepared the design package for the project and solicited for general contractor construction bids. The project consists of approximately 1,230 linear feet of 12" water pipe and 1,230 linear feet of 8" water pipe and associated appurtenances on Daily Road adjacent to Ross Lake. Bid opening is scheduled for February 15, 2024. After receiving and reviewing bids, staff will recommend award to the lowest responsible bidder.

Budgetary Impact

The work will be completed within the Board authorized total capital budget.

Recommended Action

After receiving and reviewing bids, staff will recommend award to the lowest responsible bidder.

MEMO

**TO:** Engineering & Operations Committee  
**FROM:** Carl Quiram, Operations Manager  
**DATE:** February 12, 2024  
**SUBJECT:** EVSE Grant from SDG&E Agreement

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Purpose

To award the contract to install the first phase of Electric Vehicle charging equipment (EVSE).

Background

In September of 2022, the Board accepted the staff recommendation plan to move the FPUF Fleet toward compliance with CARB rules. As part of that plan, the District applied for the SDGE Power Your Drive For Fleets (PYDFF) program, October of 2022, for assistance with the District’s need to provide charging infrastructure for our fleet to allow for electric vehicles to be charged. On October 23, 2023 the Board approved the Grant Agreement with SDG&E, which will cover approximately 80% of the project cost. On January 11, 2024 the District issued a bid document for the EV Project. A mandatory site walk was conducted on January 23, 2024 with bids being due by February 8, 2024. A summary of the bid results is below:

<b>Company</b>	<b>Bid Amount</b>
Amtek	\$287,110.00
Pro Cell	\$289,607.47
Texaco	\$332,022.25
Servitech Electric	\$378,305.00

Recommended Action

That the Committee recommend that the Board of Directors award the construction project to the lowest responsive bidder Amtek Construction in the amount of \$287,110.

MEMO

**TO:** Engineering & Operations Committee  
**FROM:** Aaron Cook, Engineering Manager  
**DATE:** February 12, 2024  
**SUBJECT:** Professional Services Agreement for De Luz Pump Station Design and Hydraulic Modeling

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Description

Request for Board authorization for a professional services agreement for hydraulic modeling and design services for the De Luz Pump Station.

Purpose

Currently, the De Luz portion of the District’s service area is hydraulically isolated from the rest of the distribution system. The De Luz area receives water from a separate Metropolitan aqueduct connection. Due to various recent changes at the District, there is a need to install a pump station that will enable water from Red Mountain Reservoir to be pumped to the De Luz area. The primary benefit will be the ability to send SMRCUP water to all portions of the District’s service area, so that during times of higher flow from the local water supply, the District is able to meet 100% of demands without importing any water. The new pump station will also provide operational flexibility.

As part of the pump station design, the District’s existing hydraulic model will be used to ensure the pump station will meet all operating scenarios. Because of significant changes to water usage patterns, the hydraulic model will be updated based on current demands.

To assist, staff have engaged the design consultant Ardurra, formerly IEC. The Ardurra team has extensive familiarity with the District’s system from previous work on the hydraulic model during their involvement with the planning and design of the SMRCUP. The proposed professional services agreement for their work on the hydraulic model and pump station design is not to exceed \$82,000.

Budgetary Impact

The work will be completed within the Board authorized total capital budget.

Recommended Action

That the Committee recommend to the Board authorization of a professional services agreement with Ardurra for a value not to exceed \$82,000 for hydraulic modeling and design services for the De Luz Pump Station.