



**FALLBROOK PUBLIC UTILITY DISTRICT
MEETING OF THE ENGINEERING & OPERATIONS COMMITTEE**

AGENDA

**WEDNESDAY, OCTOBER 11, 2023
1:00 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/86840799992?pwd=BNIZJfkzvnhLtaKT3QSqGg6J2602r.1>

MEETING ID: 868 4079 9992

AUDIO PASSCODE: 208594

Dial by your location

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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
- 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-E)

- A. FENCING INSTALLATION AT 2.8 MILLION GALLON TANK
- B. ONE-TIME PAVING SERVICES AT 26 SITES
- C. RECYCLED SYSTEM MASTER PLAN UPDATE
- D. WRP TRUNKLINE RELINING PROJECT
- E. CAMP PENDLETON INFILTRATION POND 4 LEVEE REPAIR

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.

October 6, 2023
Dated / Fallbrook, CA

/s/ Lauren Eckert
Executive Assistant/Board Secretary

M E M O

TO: Engineering & Operations Committee
FROM: Kevin Collins, Purchasing/Warehouse/Fleet Supervisor
DATE: October 11, 2023
SUBJECT: Recommendation for E&O Approval for Fencing Installation at 2.8 Million Gallon Tank

Description

The 2.8 million gallon tank currently has no fencing protecting District assets. This project will rectify that issue by installing fencing around the perimeter of the tank while adding a drive-through gate and two pass through gates.

Purpose

Due to security concerns around the 2.8 million gallon tank site, the need to install fencing around the site has become urgent. This project will help protect District assets while keeping unwanted nuisances away from District property.

A total of 812 linear feet of fencing with 3 strand barbed wire will be installed at the site, along with a 12 foot double swing drive-through gate and 2 pedestrian access gates.

District purchasing issued an RFP for this work to our pre-selected list of 10 fencing contractors. Final bids are due after the agenda for the E&O meeting is required; therefore, staff would like to request the E&O Committee approve bringing those bids to the Board for final approval on October 23, 2023.

Budgetary Impact

The work will be completed within the Board authorized CIP budget.

Recommended Action

The Engineering and Operation Committee recommend that the FPUD Board of Directors approve a contract with the winning bidder at the October 23, 2023 Board meeting.

M E M O

TO: Engineering & Operations Committee
FROM: Kevin Collins, Purchasing/Warehouse/Fleet Supervisor
DATE: October 11, 2023
SUBJECT: Recommendation for E&O Approval for One-Time Paving Services at 26 Sites

Description

When pipe is added or repaired, pavement is removed and replaced with a temporary cold-mix asphalt. Eventually, this temporary solution needs to be permanently paved to comply with San Diego County standards and to ensure the integrity of the road remains intact.

Purpose

Due to leak repairs and replacement of valves throughout the District's service area, permanent paving will be required at 26 sites.

District purchasing issued an RFP for this work to our pre-selected list of nine paving contractors. Final bids are due after the agenda for the E&O meeting is required; therefore, staff would like to request the E&O Committee approve bringing those bids to the Board for final approval on October 23, 2023.

Budgetary Impact

The work will be completed within the Board authorized CIP and operations budget.

Recommended Action

The Engineering and Operation Committee recommend that the FPUD Board of Directors approve a contract with the winning bidder at the October 23, 2023 Board meeting.

M E M O

TO: Engineering & Operations Committee
FROM: Aaron Cook, Engineering Manager
DATE: October 11, 2023
SUBJECT: Recycled System Master Plan Update

Description

Update to the Recycled Water System Master Plan.

Purpose

The District maintains a facilities master plan to assist in the accomplishment of the District's goals and strategic plan. The facilities master plan includes the history of the District's services and infrastructure, as well as forward planning to maintain a high quality of service for each of the District's systems. The overall plan was last updated in 2020. Staff have recently revised the Recycled System portion of the plan in response to findings of the Lower Santa Margarita Water Supply Reliability study conducted over the last few years. The primary purpose of this study was to determine the feasibility of indirect potable reuse for the portion of the Water Reclamation Plant (WRP) effluent that is not currently sold as recycled irrigation water due to limited demands for recycled water within the area of the existing distribution system. One of the findings of this study was that the costs associated with treating and conveying the water to a potable level are too high to justify indirect potable reuse at the Fallbrook WRP at this time.

Instead, staff identified areas where the existing recycled distribution system can be expanded to serve additional customers. This analysis included in the master plan update identified approximately 670 acre-feet of additional demand that could be served by various pipeline extensions throughout the system. The plan will be a guideline for prioritizing extensions and obtaining grant funding to offset construction costs.

Budgetary Impact

There is no budgetary impact. Information item only.

Recommended Action

No recommendation. Information item only.

M E M O

TO: Engineering & Operations Committee
FROM: Aaron Cook, Engineering Manager
DATE: October 11, 2023
SUBJECT: WRP Trunkline Relining Project (Job #3215)

Description

Contractor procurement for the Water Reclamation Plant Trunkline Relining and Headworks Leak Repair Project.

Purpose

As part of the District's capital improvement program, the District is improving the reliability of the sewer collections system through strategic rehabilitation of existing infrastructure. District staff prepared a bid package for the relining of approximately 300 linear feet of 18 and 16-inch gravity sewer main that carries a significant portion of wastewater flow over Fallbrook Creek to the WRP. This above grade mainline has had multiple leaks in recent years. The scope also includes some minor repairs to other inlet pipes to the WRP headworks and one wall of the headworks structure. Bid opening is planned for October 16, 2023. Once bids are received, they will be reviewed for accuracy and completeness, and staff will recommend award to the lowest responsible bidder.

Budgetary Impact

There is no budgetary impact. The work will be completed within the Board authorized total capital budget.

Recommended Action

That the Committee recommend to the Board authorization to award the WRP Trunkline Relining Project to the lowest responsible bidder, to be determined after bids are opened on October 16.