

MINUTES OF THE REGULAR MEETING
& OF THE
ENGINEERING COMMITTEE MEETING

March 20, 2023

At approximately 7:52 a.m. Director Freshley called the Engineering Committee meeting to order.

Committee Members KAY HAVENS, KATHRYN FRESHLEY, MIKE GASKINS (joined the meeting at 7:57 a.m.), JOSE VERGARA, and MARK MONIN participated.

Also participating were DENNIS P. CAFFERTY, General Manager, JASON HAYDEN, CFO, GILBERT J. GRANITO, General Counsel, MIKE MIAZGA, IT Manager, and CAROL MOORE, Laguna Woods City Council Member (zoom).

POLLY WELSCH, Recording Secretary was absent.

Consent Calendar

Director Freshley asked for a Motion.

Motion: Vice President Vergara made a Motion, seconded by Director Monin and unanimously carried across the Board to approve the Consent Calendar.

Roll Call Vote:

Director Monin	aye
Director Gaskins	absent
Director Freshley	aye
Vice President Vergara	aye
President Havens	aye

Engineering Action Items

Effluent Transmission Main (ETM) Backflow Prevention Project

Mr. Cafferty stated that his project involves installing a check valve on the discharge line at the Ocean Outfall Pump Station to prevent backflow from the ETM and

allow the District to use all the available secondary effluent. He further stated this would free up secondary effluent currently maintained as minimum flow rate to the ETM.

Mr. Cafferty stated that the District invited five contractors to submit construction bids, and received two bids one from Filanc and one from Don Peterson. He further stated that two contractors notified the District that they would not submit bids due to other commitments, and one did not attend the mandatory pre-bid meeting.

Mr. Cafferty stated that staff found an error in the bid documents in the unit costs, and the quantities were incorrect. He further stated that staff rejected the original bids, revised the bid documents and sent it back to the contractors.

Mr. Cafferty stated that both contractors expressed an interest in re-bidding the project and submitted revised bids.

Director Freshley asked for a Motion.

Motion: Director Freshley made a Motion, seconded by President Havens and unanimously carried across the Board to authorize the General Manager to issue a contract to Don Peterson Contracting in the amount of \$208,920 for the construction of the Effluent Transmission Main Backflow Prevention Project.

Roll Call Vote:

Director Monin	aye
Director Gaskins	aye
Director Freshley	aye
Vice President Vergara	aye
President Havens	aye

R-6 Reservoir Floating Cover and Liner Replacement Project Change Order Policy

Mr. Cafferty stated that there are several Change Order requests associated with the R-6 Project. He further stated that this is a \$22 million contract, and even at a relatively minor 5% contingency amount, issues such as the road deterioration, and

electrical conductors come up.

Mr. Cafferty stated that staff is requesting that the Board authorize the General Manager to approve Change Orders above the typical \$50,000, up to \$200,000, for this specific project. He further stated that he would continue to report to the Board on a monthly basis.

Director Freshley asked if SMWD and MNWD have agreed to pay their fair share of any change orders that we approve, and do we need to have approval from them. Mr. Cafferty replied that when they adopted their budgets they included contingencies as well, so 50% is SMWD share and 5% is MNWD's share. He further stated that we are keeping them informed.

Director Vergara asked if there are any credits for this project. Mr. Cafferty replied that there is a credit at the inlet valve vault due to the valves not needing to be replaced. He further stated that this was a line item in the bid which was a couple hundred thousand dollars.

Director Freshley asked for a Motion.

Motion: Director Freshley made a Motion, seconded by Director Monin and unanimously carried across the Board to approve the R-6 Floating Cover and Liner Replacement Project Change Order Policy.

Roll Call Vote:

Director Monin	aye
Director Gaskins	aye
Director Freshley	aye
Vice President Vergara	aye
President Havens	aye

Joint Regional Water Supply System Meter Replacement

Mr. Cafferty stated that the District owns 2 cfs capacity in the JRWSS pipeline and we pay a small percentage of cost based on capacity ownership. He further stated that the District informed South Coast Water District that the District planned to build a pump station to make regular use of its JRWSS capacity. Mr. Cafferty stated that South Coast Water District determined that the existing meter at the Districts JRWSS connection needed to be replaced.

Mr. Cafferty stated that South Coast Water District replaced the meter and submitted an invoice to ETWD for \$67,479.15.

Director Freshley asked for a Motion.

Motion: Vice President Vergara made a Motion, seconded by President Havens and unanimously carried across the Board to authorize the General Manager to pay an invoice issued by the South Coast Water District in the amount of \$67,479.15 for the replacement of the meter serving the JTM Pump Station.

Roll Call Vote:

Director Monin	aye
Director Gaskins	aye
Director Freshley	aye
Vice President Vergara	aye
President Havens	aye

Engineering Information Items

Capital Projects Status Report

R-6 Reservoir Floating Cover and Liner Replacement Project

Mr. Cafferty stated that the contractors are making good progress despite the weather. He further stated that about 65% liner installation is complete, and all of the liner material is on site.

Director Freshley asked how the contractor is getting the water out of the Reservoir. Mr. Cafferty replied that there is a drain valve near the bottom of the Reservoir.

Mr. Cafferty stated that there is a construction meeting weekly to discuss progress. He further stated that progress continues to be on-time with completion expected in August or September.

Mr. Cafferty stated that we are beginning to receive Change Orders. He further stated that the access road is another issue which will be bid separately to rebuild the road.

President Havens asked if the road project will be a shared cost. Mr. Cafferty replied yes.

Vice President Vergara asked if the project is being recorded and suggested that we should submit the project for an award.

President Havens asked what will the cost be to refill the Reservoir. Mr. Cafferty replied that it is roughly 880 acre feet at \$1,200/acre foot, so approximately a million dollars.

Filter Building Demolition Project

Mr. Cafferty stated that this project is close to completion, but it has been at a complete stand still for several weeks due to wet weather.

Warehouse Construction Project

Mr. Cafferty stated that WEROC has presented a mobile operations option, and has announced that they are not planning to build a new EOC at the site. He further stated that since there will no longer be a building where the WEROC is now, we are re-orienting the new building access doors to face the site entrance and driveway.

Mr. Cafferty stated that the design drawings are being revised and will be issued to the bidders. Mr. Cafferty further stated that staff anticipates presenting a contract award recommendation to the Board at the May meeting.

JTM Pump Station Project

Mr. Cafferty stated that the pump station construction is nearly complete. He further stated that we are in the process of commissioning the facility.

Mr. Cafferty stated that we have installed a temporary MCC while waiting on delivery of the permanent one.

Main Office HVAC Improvement Project

Mr. Cafferty stated that contractors are working on replacement of the ducting and connection of the duct detectors to the fire alarm panel. He further stated that after completion of both of these tasks, there will be inspections required from the Orange County Fire Authority for the fire alarm panel, and the City of Lake Forest for the duct work.

Boom Truck Replacement

Mr. Cafferty stated that the order has been placed and down payment has been made, with the anticipated delivery date in June.

Tertiary System Optimization

Mr. Cafferty stated that staff had a meeting with Trussel Tech to provide comments on the draft report which will be submitted to the Division of Drinking Water.

WRP Main Electrical Power Breaker

Mr. Cafferty stated that staff is waiting on Schneider Electric to respond on the status of installing the breakers at the Plant.

Caltrans I-5 Widening Utility Relocations

Mr. Cafferty stated that staff is waiting on some reimbursements from Caltrans.

Engineering Items Discussed at Various Conferences and Meetings

There were no comments.

Comments Regarding Non-Agenda Engineering Committee Items

There were no comments.

Adjournment

There being no further business, the Engineering Committee meeting was adjourned at approximately 8:44 a.m.

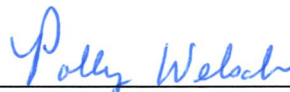
Attorney Report

Mr. Granito reported that there is no need for a Closed Session today, and as such the Regular Session resumed.

Adjournment

At approximately 8:45 a.m. the meeting was adjourned.

Respectfully submitted,

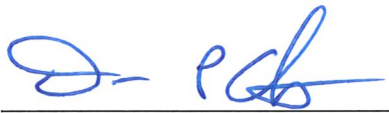


POLLY WELSCH
Recording Secretary

APPROVED:



KAY HAVENS, President
of the El Toro Water District and the
Board of Directors thereof



DENNIS P. CAFFERTY, Secretary
of the El Toro Water District and the
Board of Directors thereof