MINUTES OF THE REGULAR MEETING
& OF THE
ENGINEERING COMMITTEE MEETING

October 25, 2021

At approximately 9:30 a.m. Director Vergara called the Engineering Committee meeting to order.

Committee Members MIKE GASKINS , KATHRYN FRESHLEY (via Zoom), JOSE VERGARA (via Zoom), MARK MONIN, and KAY HAVENS participated.

Also participating were DENNIS P. CAFFERTY, General Manager, JUDY CIMORELL, Human Resources Manager, JASON HAYDEN, CFO, GILBERT J. GRANITO, General Counsel, SCOTT HOPKINS, Operations Superintendent, HANNAH FORD, Engineering Manager, CAROL MOORE, Laguna Woods Council Member (via zoom), and POLLY WELSCH, Recording Secretary.

Consent Calendar

Director Vergara asked for a Motion.

Motion: Director Monin made a Motion, seconded by Director Havens and carried across the Board 4-1 to approve the September 20, 2021 Engineering Committee meeting minutes.

Roll Call Vote:

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

Engineering Action Items

ETWD Filter Plant Site Use Investigation and Design Project

Mr. Cafferty stated that staff is recommending a contract award for the Board to consider and approve, as well as a cost-share agreement staff has negotiated with MWDOC.

Ms. Ford stated that the Board package includes the Brady proposal along with staff's revised Scope of Work. She further stated that Brady previously developed the Alternative Analysis Report, and staff feels this project is important due to the fact that the Water Filtration Plant has been off-line for nearly 40 years.

Ms. Ford stated that MWDOC is partnering with ETWD on this project regarding the WEROC EOC, which is too small and needs to be brought up to seismic code. She further stated that the District received only one proposal which was from Brady. Staff reviewed the cost with an independent third party and determined the budget estimate is fair. Ms. Ford stated that ETWD's share of cost would be approximately $275,000 with MWDOC contributing close to $200,000 for a total cost of approximately $475,000.

Mr. Cafferty stated that the Cost Sharing Agreement in the Board package was reviewed by MWDOC's legal counsel and the District's legal counsel. He further stated that the small change in Section 5 of the agreement called Continuing the Project was MWDOC's suggestion. In the event that ETWD decides to demolish the Filter Plant and not construct the warehouse/storage building because MWDOC wanted the ability to continue to build the EOC. Mr. Cafferty stated that ETWD's legal counsel worked with MWDOC to develop language that was satisfactory to both.

Director Vergara asked for a Motion.

Motion: Director Havens made a Motion, seconded by Director Monin, and carried across the Board 4-1 to authorize the General Manager to 1) enter into a contract with Richard Brady & Associates in the amount of $475,633 for engineering design services for the ETWD Filter Plant Site Use Investigation and Design Project, and 2) enter into a cost share agreement with MWDOC to allocate the proportional share of consultant service costs between ETWD and MWDOC.

Roll Call Vote:

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

Engineering General Information Items

Joint Transmission Main (JTM) Pump Station Project

Mr. Cafferty stated that the JTM is included in our total funding package and would involve building a pump station at the site of the existing R-1 and R-2 Reservoir and P-1 pump station, where the District maintains a connection to the JTM. He further stated that the pump station would allow us to take that 2 cfs capacity on a daily basis and pump it into our gravity zone.

Ms. Ford stated that staff feels this project is necessary, as described qualitatively in the board packet. She further stated that the District's water supply is all from the AMP, which is treated water from Diemer, and the Baker pipeline. These two pipelines are in close proximity.

Ms. Ford stated that in order to enhance reliability, the District would like to be able to use the JTM which comes from East Orange County Feeder No. 2, in which the District has 2 cfs capacity currently not used due to its lower hydraulic grade than our

Gravity Zone. She further stated that using this supply would require a pump station.

Ms. Ford stated that Tetra Tech developed a conceptual design of the JTM pump station and estimated the total project cost at approximately $2.5 million. She further stated that there will be annual O&M costs of approximately $72,000 associated with this project.

Director Vergara stated that this project needs to move forward. Mr. Cafferty replied that the next step would be to develop an RFP for a design/build approach.

Ms. Ford stated that staff would like to expedite the timeline by putting it out to bid in December and bringing back to the Board for approval in January.

Director Havens asked if this project is subject to CEQA. Ms. Ford replied yes.

President Gaskins stated that he feels this is a good project which gives the District the option of backup for when the R-6 goes offline.

ETWD Capital Project Status Report

Oso Lift Station Improvement Project

Ms. Ford stated that we are close to completion with Filanc working on the last items. She further stated that staff requested a Change Order to add safety chains on the vault.

R-2 Reservoir Interior Recoating Project

Ms. Ford stated that staff plans to recoat the interior of the tank. She further stated that the mandatory pre-bid meeting had 4 contractors show up.

Ms. Ford stated that the Engineers' estimate is approximately $130,000 higher than our budget, due to current market conditions. She further stated that the paint is hazardous which requires extra caution to replace.

Grit Chamber Rehabilitation

Ms. Ford stated that staff put the project out for bid and had 9 contractors attend the mandatory pre-bid meeting. She further stated that the engineer's estimate for this project is approximately $150,000 over budget.

Ms. Ford stated that some supports and gates are needing to be replaced, so the costs are higher than originally budgeted. She further stated that this estimate includes a contingency.

R-6 Floating Cover Replacement & Improvement Project

Ms. Ford stated that staff is discussing the cover material recommendations and the potential need for replacement of the liner with MNWD and SMWD. She further stated that testing of the liner showed that it needs to be replaced. Staff discussed the impacts of keeping a failing liner in place (instead of replacing with new) but are concerned about drawdown limitations and water quality. Replacing the liner impacts the material decision and, ultimately, cost of the project. Staff will bring a final recommendation to the board for approval next month, once partner agencies have confirmed whether or not the liner should be included as part of this project.

WRP Effluent Pump Station (EPS) Rehab Project

Ms. Ford stated that the EPS equipment is decades old and at the end of its useful life. She further stated that this project would replace existing pumps, motors, shafts, inlet isolation valves, various connection spools, pump pedestal house-keeping pads, and anchor bolts. Staff is developing these bid documents in house and plans to bid in December.

Aeration Basin Diffuser Project

Ms. Ford stated that this project is delayed due to COVID-19 related material supply chain challenges, pushing delivery and start of work to March/April 2022.

Energy Efficiency Analysis

Mr. Hopkins stated that staff continues to work with SoCalRen and AESC on energy efficiency solutions, and anticipates having a report in November.

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 10:15 a.m.

Regular Session

Attorney Report

Mr. Granito stated that there is no need for a Closed Session today, and as such, regular session continued.

Adjournment

At approximately 10:15 a.m. the meeting was adjourned.

Respectfully submitted,

Polly Welsch

POLLY WELSCH
Recording Secretary

APPROVED:

MIKE GASKINS, 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