MINUTES OF THE REGULAR MEETING
& OF THE
ENGINEERING COMMITTEE MEETING

July 25, 2022

At approximately 9:05 a.m. Director Vergara called the Engineering Committee meeting to order.

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

Also participating were DENNIS P. CAFFERTY, General Manager, JASON HAYDEN, CFO, JUDY CIMORELL, Human Resources Manager, GILBERT J. GRANITO, General Counsel, HANNAH FORD, Engineering Manager, SHERRI SEITZ, Public Relations/Emergency Preparedness Administrator, and POLLY WELSCH, Recording Secretary.

SCOTT HOPKINS, Operations Superintendent, was absent.

Consent Calendar

Director Vergara asked for a Motion.

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

Roll Call Vote:

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

Engineering Action Items

R-6 Reservoir Floating Cover and Liner Replacement Project

Ms. Ford stated that the construction cost from the low bidder, Layfield USA Corp who did the work 20 years ago for the last cover and liner installation, exceeds the final design estimate by approximately $1.2 million. She further stated that with current market conditions, staff expected the costs may be higher than estimated.

Ms. Ford stated that along with the final design estimate, staff is recommending awarding the inspection services contract to Go2CQA and the construction management / engineering services during construction contract to Hilts Consulting Group. She further stated that the budget for inspection services is slightly under, however the inspection services that staff is recommending is slightly higher than the lowest proposal submittal because Go2CQA met our minimum qualifications, and they come highly recommended from our design consultant.

Ms. Ford stated that staff has discussed approving these contracts with our partner agencies, SMWD and MNWD, and both are on board, but SMWD needs to bring them before their Board in August for approval.

Ms. Ford stated that the final budget analysis is included in the staff report. She further stated that staff included a 5% construction contingency, and total project cost is over the Revenue Bond amount, which was based on preliminary design report costs.

Director Vergara asked for a Motion.

Motion: Director Gaskins made a Motion, seconded by President Freshley and carried across the Board to authorize the General Manager to 1) enter into a contract with Layfield USA Corp in the amount of $23,608,825 for the construction of the R-6 Reservoir Floating Cover and Liner Replacement Project, 2) enter into a contract with

Hilts Consulting Group, Inc. in the amount of $499,088 for Engineering Services During Construction and Construction Management Services, and 3) enter into a contract with Go2CQA in the amount of $372,100 for Inspection Services during construction.

Roll Call Vote:

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

Filter Building and Clearwell Demolition Project

Ms. Ford stated that staff received bids for this project, and the low bid is well under the Engineer's estimate and is the only bidder able to do this job without subcontractors. She further stated that they also possess the certification to mitigate hazmat themselves, compared to the second lowest bidder, who could have self-performed all of the work except this part.

Ms. Ford stated that she spoke with Resource Environmental Inc., the low bidder, and they are confident in their bid, and she spoke with references at the Orange County Sanitation District, which used them to demo their Admin building.

Vice President Havens suggested that staff be sure the Contractor complies with all of the environmental regulations and permits. Ms. Ford replied that staff will check with the Contractor.

Ms. Ford stated that ESDC (Engineering During Construction Services) will be awarded along with some inspection for Geotech, and staff is recommending the contract be awarded to Brady.

Director Vergara asked for a Motion.

Motion: President Freshley made a Motion, seconded by Vice President Havens and carried across the Board to authorize the General Manager to 1) enter into a contract with Resource Environmental Inc. in the amount of $685,000 for the construction of the demolition for the Filter Building and Clearwell Demolition Project, and 2) enter into a contract with Richard Brady and Associates, Inc. in the amount of $124,429 for Engineering Services During Construction.

Roll Call Vote:

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

JTM Pump Station Motor Control Center Pre-Purchase Contract

Ms. Ford stated that Motor Control Centers (MCCs) for the JTM Pump Station Project have long lead times, so staff would like to pre-purchase them to avoid delays in construction. She further stated that staff will install spare parts from the District's inventory to get the pump station operating as early as possible and swap out the spare parts once the new MCCs arrive.

Ms. Ford stated that the main difference between the two lowest cost vendors is the MCC manufacturer being either Allen-Bradley or Siemens. She further stated that all of the District's current MCC equipment and spare parts are Allen-Bradley; although Siemens is less expensive, purchasing from this manufacturer would require additional cost for spare parts and commissioning as well as additional labor for training.

President Freshley asked if the MCC's fault rating has been checked with SCE. Mr. Perez replied that he will check on the fault capacity.

Director Vergara asked for a Motion.

Motion: Director Monin made a Motion, seconded by President Freshley and carried across the Board to authorize the General Manager to issue a purchase order contract to One Source in the amount of $95,762 for the purchase of an MCC to meet the design requirements of the JTM Pump Station Project.

Roll Call Vote:

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

Headworks Rehabilitation Study

Ms. Ford stated that this study will focus on improving the fine screens, coarse screens, and grit chamber components of the WRP Headworks. She further stated that we would like to pause the current Grit Chamber Rehabilitation construction contract and reinitiate in November while conducting this study.

Ms. Ford stated that the Grit Chamber Rehabilitation project has experienced significant delays, largely due to lead time for the slide gate. Suspending construction is recommended because the Headworks Rehabilitation Study may change the scope of work required for the Grit Chamber Rehabilitation project. She further stated that the FY 2022/23 capital improvement program budget includes $230,000 for a fine screen facility rehabilitation study.

Ms. Ford stated that Carollo, who is the current consultant for the Water and Sewer Master Plan Update and recommended for conducting this study, did the reconstruction in 1995 and is familiar with the construction of the plant.

Vice President Havens stated that she would like to tour the facility and see the Headworks again.

Director Vergara asked for a Motion.

Motion: President Freshley made a Motion, seconded by Director Gaskins and carried across the Board to authorize the General Manager to amend the Water and Sewer Master Plan Update contract with Carollo Engineers, Inc. in the amount of $132,848 for a Headworks Rehabilitation Study.

Roll Call Vote:

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

Engineering General Information Items

Capital Projects Status Report

Main Office HVAC Replacement and Improvement Project

Ms. Ford stated that this project has been put out to bid and staff plans to award a construction contract in August. She further stated that this project will require staff to relocate from the Admin office for potentially two months.

Ms. Ford stated that the project costs are approximately $61,000 higher than budgeted.

Asset Management Program

Ms. Ford stated that the new Intern has been very productive in developing the District's asset inventory. She further stated that we would like to start this program by focusing first on pump stations, sewer lift stations, water reservoirs, and pressure reducing valve stations.

R-6 Reservoir Floating Cover and Liner Replacement Project

Ms. Ford stated that staff are still testing the system operating without the R-6 Reservoir using interties with IRWD and MNWD to manage variations in flow. She further stated that the District will begin draining the R-6 Reservoir in August.

Ms. Ford stated that staff met with SMWD to develop a plan for the drain down. She further stated that the design contract is still underspent, but we still have to develop the conformed drawings.

JTM Pump Station Project

Ms. Ford stated that staff held a mandatory pre-bid meeting and had six interested contractors. She further stated that the total project cost will likely remain well under the Revenue Bond amount.

Ms. Ford stated that we adopted a Mitigated Negative Declaration and Mitigation Monitoring and Reporting Plan last month, after which the Gabrieleno tribe e-mailed a list of concerns requesting added mitigation measures, but after speaking with our legal consultant, we don't feel the need to reopen the Mitigated Negative Declaration, but we did offer them the option to bring a tribal member out to the site for one week during excavation.

R-2 Reservoir Interior Recoating Project

Ms. Ford stated that this project is almost complete, and they are keeping staff up to date on structural repair needs and OSHA compliance which are estimated at approximately $38,000 to include seismic bracing rods, center vent, and a ladder. She further stated that the project contingency is $110,000 so we are well under that cost.

Ms. Ford stated that staff are still developing the agreement for the grant and expect to be able to submit for reimbursements in September.

Water and Sewer Master Plan Update

Ms. Ford stated that the model is almost done, and the consultant is developing a revised recommendation on the Aliso Creek Lift Station regarding how The Village at Laguna Hills development will affect that station.

Ocean Outfall Pump Station (OOPS)

Ms. Ford stated that the generator has arrived and been installed, and this project should be complete by the end of August.

2022/23 Capital Improvement Program Schedule

Ms. Ford stated that the Boom Truck project is being delayed until the next fiscal year budget, due to current market delays.

Energy Efficiency

President Freshley noted that we are seeing some progress in the Energy reports. Ms. Ford stated that staff is working with SCE to come out and check the energy analysis.

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 10:00 a.m.

Attorney Report

Mr. Granito reported that there is a need for a Closed Session at today's meeting.

Closed Session

At approximately 10:00 a.m. the Board went into Closed Session as agendized on today's Closed Session agenda. Also at this time Ms. Ford, Mr. Hayden, Ms. Cimorell, Ms. Seitz, and Ms. Welsch left the meeting.

Regular Session/Report

At approximately 10:30 a.m. regular session resumed. Also at this time, Ms. Welsch and Ms. Cimorell returned to the meeting.

Mr. Granito reported that the Board went into Closed Session with regard to both matters reflected on today's Agenda.

Mr. Granito reported that during the first phase of the Closed Session (Item 1), the Board discussed the status of the matter and provided input. No further reportable action was taken.

During the second phase of the Closed Session (Item 2), the General Manager reported on a matter of anticipated litigation. No reportable action was taken.

Adjournment

At approximately 10:30 a.m. the meeting was adjourned.

Respectfully submitted,

Polly Welsch

POLLY WELSCH
Recording Secretary

APPROVED:

Kathryn Freshley

KATHRYN FRESHLEY, 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