

MINUTES OF THE REGULAR MEETING
& OF THE
ENGINEERING COMMITTEE MEETING

February 21, 2023

At approximately 2:40 p.m. Director Freshley called the Engineering Committee meeting to order.

Committee Members KAY HAVENS, KATHRYN FRESHLEY, MIKE GASKINS, 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, JOSH PEREZ, SCADA Foreman, CAROL MOORE, Laguna Woods City Council Member (zoom), and POLLY WELSCH, Recording Secretary.

SCOTT HOPKINS, Operations Superintendent, and JUDY CIMORELL, Human Resources Manager were absent.

Consent Calendar

Director Freshley asked for a Motion.

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

Roll Call Vote:

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

Engineering Action Items

Boom Truck Replacement

Mr. Cafferty stated that the District's current boom truck is 32 years old and difficult to maintain. He further stated that staff was able to secure another vehicle at a more reasonable price and a much better lead time for delivery.

Director Freshley asked for a Motion.

Motion: Vice President Vergara made a Motion, seconded by Director Monin and unanimously carried across the Board to authorize the General Manager to issue a purchase order contract with Alt Sales Corp. in the amount of \$360,633.00 for the purchase of a replacement boom truck.

Roll Call Vote:

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

Main Office HVAC Improvement Project Change Order

Mr. Cafferty stated that the Orange County Fire Authority needs to approve the plan for the connection of the duct detectors to the fire monitoring system. He further stated that the current contractor was estimating \$50,000 to connect them, so staff engaged another contractor for a second quote.

Mr. Cafferty stated that the City of Lake Forest inspector stated that the existing ductwork needs repairing, and the contractor quoted \$95,000 to repair the ductwork, install dampers, and repair the leaks between the ductwork and ceiling registers.

Mr. Cafferty stated that staff requested a breakdown of the costs including labor, but the contractor refused to provide the breakdown. He further stated that staff

requested Alicia Air, who is our current HVAC maintenance contractor, to provide an assessment of the ductwork issue.

Mr. Cafferty stated that Alicia Air suggested replacing all of the ductwork and provided a proposal for \$65,000. He further stated that Alicia Air would need a third party to provide a necessary air balance.

Mr. Cafferty stated that Alicia Air anticipates 2 weeks to complete the work.

Director Freshley asked for a Motion.

Motion: President Havens made a Motion, seconded by Director Monin and unanimously carried across the Board to authorize the General Manager to authorize the General Manager to issue a contract to Alicia Air in the amount of \$75,000 for the replacement of the HVAC ductwork in the Main Office Building.

Roll Call Vote:

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

General Information Items

Arc Flash Requirements

Mr. Perez provided an update regarding Arc Flash requirements relative to the District's electrical panels and facilities.

Capital Projects Status Report

R-6 Reservoir Floating Cover and Liner Replacement Project

Mr. Cafferty stated that the contractor has completed removal of the existing cover material. He further stated that most of the drainage piping and electrical work has been completed and the outlet valves have been installed.

Mr. Cafferty stated that staff continues to evaluate the condition of the road and will work with the contractor to refine the necessary scope of paving work towards the end of the project.

Filter Building Site Use Project

Mr. Cafferty stated that the contractor has completed most of the demolition work and is working on backfill operations. He further stated that the warehouse project is out to bid.

JTM Pump Station Project

Mr. Cafferty stated that Filanc finished mechanical installation of the pump and piping, installed the temporary MCC and performed civil activities with the exception of final paving. He further stated that staff met with SCWD staff to coordinate the operation of the JTM Pump Station while the R-6 is out of service. He also stated that staff is waiting on the delivery of pre-purchased MCC which is scheduled for delivery in July.

Grit Chamber Rehabilitation Project

Mr. Cafferty stated that staff continues to work with Carollo to develop the design modifications necessary to update the project construction drawings.

Water and Sewer Master Plan Update

Mr. Cafferty stated that the Carollo will summarize the recommended water quality issues in the northwest portion of the Districts distribution system and address options to improve Aliso Creek lift station operations.

Pump Station Asset Management Plan

Mr. Cafferty stated that the consultant conducted workshops to review failure designations and CIP recommendations.

Tertiary System Optimization

Mr. Cafferty stated that Trussell Tech is assembling the operation, maintenance, and control strategy for chlorine dosing documentation.

DAF Unit 2 Rehabilitation Project

Mr. Cafferty stated that staff is reviewing the equipment submittal documents and will release for fabrication upon completion of the submittal review.

WRP Main Electrical Power Breaker

Mr. Cafferty stated that staff is working with Schneider Electric to install the breakers at the WRP.

Effluent Transmission Main Backflow Prevention Project

Mr. Cafferty stated that staff reviewed design documents and provided notice of bid notifications to various contractors and held a mandatory pre-bid meeting with four prospective bidders.

Effluent Pump Station Rehabilitation Project

Mr. Cafferty stated that the motor manufacturer has experienced delays and projects the pump and motor shipment date to be early May.

Caltrans I-5 Widening Utility Relocations

Mr. Cafferty stated that the District is awaiting reimbursements from Caltrans staff, and is working with their contractor for Phase C.

Energy Efficiency Analysis

Mr. Cafferty stated that staff continues to work on energy efficiency projects for the WRP and pump stations.

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 3:50 p.m.

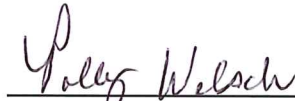
Attorney Report

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

Adjournment

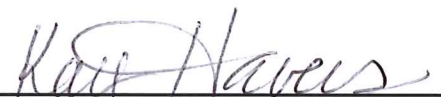
At approximately 3:55 p.m. the meeting was adjourned.

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