

MINUTES OF THE REGULAR MEETING
& OF THE
ENGINEERING COMMITTEE MEETING

November 20, 2023

At approximately 8:33 a.m. Director Freshley called the Engineering Committee meeting to order.

Committee Members KAY HAVENS, KATHRYN FRESHLEY, MIKE GASKINS, MARK MONIN, and FRED ADJARIAN participated.

Also participating were DENNIS P. CAFFERTY, General Manager, JUDY CIMORELL, Human Resources Manager, HANNAH FORD, Engineering Manager, RORY HARNISCH, Senior Engineer, GILBERT J. GRANITO, General Counsel, VISHAV SHARMA, CFO, SCOTT HOPKINS, Operations Superintendent, SHERRI SEITZ, Public Affairs Manager, (Zoom), VU CHU, Water Use Efficiency Analyst, (Zoom), VICKI TANIOUS, Senior Accountant / Payroll, (Zoom), CAROL MOORE, Laguna Woods City Council member (Zoom), and POLLY WELSCH, Recording Secretary.

Consent Calendar

Director Freshley asked for a Motion.

Motion: Vice President Monin made a Motion, seconded by Director Gaskins to approve the Consent Calendar.

Roll Call Vote:

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

Engineering Action Items

Headworks and Secondary Clarifier No. 1 Rehabilitation

Ms. Ford stated that the Secondary Clarifier No. 1 is the oldest facility at the plant and the Headworks is the Achilles heel of the plant. She further stated that this project would address both of these treatment processes.

Ms. Ford stated that staff requested proposals and received four proposals and interviewed consultants from all four teams. She further stated that staff unanimously agreed upon Carollo as the recommended consultant for this work.

Ms. Ford stated that staff looked at cost after the qualitative evaluation of the proposals and, although Carollo's proposal is not the lowest cost, staff felt strongly about the advantages Carollo offered. Carollo brought its National experts on Headworks and Clarifiers to the project as well as legacy experience with the District as the firm that designed the 1995 WRP Rehabilitation project.

Director Freshley asked for a Motion.

Motion: Director Adjarian made a Motion, seconded by Vice President Monin to authorize the General Manager to enter into a contract with Carollo Engineering, Inc. in the amount of \$785,217.00 for design of the Headworks and Secondary Clarifier No. 1 Rehabilitation Project.

Roll Call Vote:

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

Engineering Information Items

Strategic Plan Status

Mr. Cafferty stated that staff has updated the Strategic Plan Status Report. He further stated that staff is working on a schedule for a redesign of the ETWD website.

Vice President Monin suggested creating a check-list for the operators to use when maintaining areas around hazardous material storage.

Director Adjarian suggested adding those Operators who have a Class A license to be added to the list of District staff's additional certifications.

Mr. Cafferty stated that staff is evaluating a proposal for the installation of security cameras at the Administration Office Campus. The Board expressed support for the proposed project.

ETWD Operations Report

Mr. Cafferty stated that the Operations Report has been expanded to include flow data at the Plant, a Compliance Activities Log, and a staff training activities log.

Capital Projects Status Report

R-6 Reservoir Floating Cover and Liner Replacement Project

Ms. Ford stated that staff is monitoring the water quality in the Reservoir because the TTHM and carbon tetrachloride concentrations remain elevated.

Ms. Ford stated that staff is working with Pave West to repair the perimeter road. She further stated that the contractor suggested stabilizing the subgrade with cement treatment to offer additional cost savings through less net material export, which resulted in a credit of \$100,000.

Ms. Ford stated that Layfield is working on supporting electrical work by installing conduit to the flow meter in the drain vault. She further stated that the divers installed the pre-purchased open switch cords, and Mueller has agreed to cover the cost of the diver due to substantial delays.

Grit Chamber Rehabilitation Project

Ms. Ford stated that this project will come to the Board next month for recommendation for award. She further stated that six bidders came to the mandatory pre-bid meeting, but one contractor let staff know they are not going to submit a bid.

New Warehouse

Mr. Harnisch stated that the concrete slab has been successfully placed. He further stated that we have had to add a Change Order to the current contract to install a 2" water line underground at a cost of \$35,875.

Mr. Harnisch stated that AQMD will be starting in early December to install a concrete pad near the cell tower enclosures, and electrical equipment.

Aliso Creek Lift Station Alternatives Analysis

Mr. Harnisch stated that staff has been working with Tetra Tech who is the consultant on the development of this study. He further stated that they had a progress meeting and reviewed alternatives such as adding a new wet well near the current lift station entrance.

Mr. Harnisch stated that another alternative is to leverage the existing wet well with submersible pumps and perform influent flow monitoring.

Asset Management

Ms. Ford stated that staff has had meetings at the WRP, and next month we will be seeing how the scoring factored into each risk score.

System Wide Arc Flash and Coordination Study

Ms. Ford stated that the study is underway and staff has been in coordination with SCE who has indicated that responses will be limited to eight sites per month beginning in December.

WRP Main Electrical Power Breaker

Ms. Ford stated that the ATS has been received but was not the correct part. She further stated that staff is working with Schneider who will send the incorrect part to a shop in Costa Mesa to change the ATSS to have the correct number of contactors.

Tertiary Disinfection Optimization Project

Ms. Ford stated that staff received and responded to DDW comments on the tracer test and is now planning to conduct the test over three weeks. She further stated that during testing recycled water cannot be produced so the District has requested limited use of the recycled water system during this time.

Cathodic Protection Repair on Moulton Parkway

Ms. Ford stated that testing will begin at the end of the month with a three day survey.

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.

Recess

At approximately 10:00 a.m. the Board took a short recess.

Regular Session

At approximately 10:10 a.m. the Board returned to Regular Session.

Attorney Report

Mr. Granito report that there is a need for a Closed Session today as agendized on todays Closed Session agenda.

Closed Session

At approximately 10:10 a.m. the Board went into Closed Session as agendized on today's Closed Session agenda. Also at this time everyone left the meeting except the Board members and General Counsel.

Regular Session/Open Report

At approximately 10:30 a.m. the Board returned to Regular Session. Also at this time, Mr. Cafferty, Ms. Cimorell, and Ms. Welsch returned to the meeting.

Mr. Granito reported that the Board went into Closed Session to discuss Item #4 of today's Closed Session agenda. During that deliberation the Board President led a discussion with the Board and the Board determined that Item #4 will be resumed at the December Closed Session. No reportable action was taken.


Adjournment


There being no further business to come before the Board, the meeting was adjourned at 10:35 a.m.

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

