

MINUTES OF THE REGULAR MEETING
& OF THE
ENGINEERING COMMITTEE MEETING

February 22, 2021

At approximately 8:10 a.m. Director Vergara called the meeting to order.

Committee Members JOSE F. VERGARA, MARK MONIN, KATHRYN FRESHLEY, MIKE GASKINS, 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, BOBBY YOUNG, Principal Engineer, MIKE MIAZGA, IT Manager, CAROL MOORE, Laguna Woods City Council member, and POLLY WELSCH, Recording Secretary.

Consent Calendar

Director Vergara asked for a Motion.

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

Roll Call Vote:

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

Engineering Action Items

Vigilant Technology Solutions CyberDNA® Managed Detection and Response (MDR) Contract Renewal

Mr. Cafferty stated that this is renewal of an existing contract for a 3-year period beginning March 1, 2021.

Mr. Cafferty stated that the total amount is \$68,292.00 which is spread out over 3 years.

Mr. Miazga explained what Vigilant Technology Solutions monitors our network traffic using artificial intelligence to analyze what is normal for our network. He further stated that if there is any deviation from normal activity, Vigilant will investigate and create tickets, and call him to inquire about the legitimacy of the activity.

Mr. Miazga stated that Vigilant provides remediation in case any incidents occur. He further stated that he receives calls from Vigilant a couple times per year, and they assist in remediating any vulnerabilities in the network as well.

Mr. Miazga stated that they prepare reports and give insight into the actual traffic on the network and provide a security operations center where he can see any questionable traffic.

Director Monin asked if Mr. Miazga is familiar with a company called Solar Winds. Mr. Miazga replied yes, they are a network management software application, which is different from Vigilant.

Vice President Freshley asked if we could have Microsoft come in and monitor our network. Mr. Miazga replied if Microsoft gets infected and their Windows updates, 90% of the systems in America would be infected.

Director Monin asked about hybrid clouds and if we are ready to need it. Mr. Miazga replied that we do use certain cloud applications.

Director Monin asked for an update on closed circuit TV monitoring. Mr. Cafferty replied that staff has done extensive research on options and has received some proposals that are currently under review and could be included in the budget process.

Director Vergara asked for a Motion.

Motion: Vice President Freshley made a motion, seconded by Director Havens and unanimously carried across the Board to authorize the District's General Manager to enter into a contract with Vigilant Technology Solutions in the amount of \$68,292.00 for cybersecurity services for a three year period commencing on March 1, 2021.

Roll Call Vote:

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

At approximately 8:30 a.m. Mr. Miazga left the meeting.

El Toro Reservoir and Rossmoor No. 1 Dams Emergency Action Plans

Mr. Cafferty stated that we were subject to a requirement as was every dam owner in the state to complete inundation maps and an Emergency Action Plan (EAP) for our dams and critical appurtenant structures based on the downstream hazard classification, within specific time limits. He further stated that these plans had to be submitted to the Office of Emergency Services (OES).

Mr. Cafferty stated that we engaged Genterra Consultants, Inc. to assist us with the creation of the documents, including outreach, initial submission of the document, and one follow up submittal after addressing responses to the initial submittal. He further stated that the submittals were largely being rejected by the State, and despite the guidance published by the State, it took a number of iterations to get the EAP on the R-6 Reservoir approved.

Mr. Cafferty stated that the rules and goalposts kept getting changed, and reviewers kept changing and there were additional comments. He further stated that the EAP was approved for the R-6 Reservoir, and we are seeking Board approval to

amend the existing contract with Genterra Consultants, Inc. which would take the contract over \$50,000.00.

Mr. Cafferty stated that of the amended amount, \$26,000 is for work that Genterra Consultants, Inc. has already done to secure approval of the R-6 Reservoir. He further stated that on the Rossmoor Dam, we have submitted the first draft, and we have heard from them that it is one of the most complete first drafts that they have seen through this entire process.

Director Vergara asked if we have to follow requirements only from the State, or do we have a Federal mandate. Mr. Cafferty replied that dam regulation comes from the Division of Safety of Dams that do inspections every year.

Director Vergara asked for a Motion.

Motion: Director Havens made a motion, seconded by Vice President Freshley and unanimously carried across the Board to authorize the District's General Manager to issue a new Task Order to the existing contract with Genterra Consultants, Inc. in the amount of \$31,340.00 for the provision of professional consulting services to assist the District in finalizing the Emergency Action Plans for the El Toro Reservoir and Rossmoor No. 1 dams in compliance with State requirements.

Roll Call Vote:

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

Engineering General Information Items

Capital Projects Status Report

Phase II Recycled Water Distribution System Expansion Project

Mr. Young stated that included in the Board package is a summary table of Contractor expenses to date and Rebates received. He further stated that we are still waiting on some checks from MET and MWDOC, which will cover half of the Contractor's costs.

Mr. Young stated that we have submitted and received comments from both County and State on Phase II West B sites. He further stated that last week staff was working with VMS and the homeowners to identify some of the County and State's concerns, so we will be re-submitting to County and State addressing some of their comments.

Vice President Freshley asked if there is anything unusual in the County and State's requests. Mr. Young replied no, the State is primarily concerned with the administrative control, and the County is concerned with locations of hose bibs, and where the irrigation system's water touches near the proximity of the homes.

Director Vergara stated that at the WaterReuse meeting they mentioned a Retrofit Handbook, and he asked if Mr. Young is aware of this. Mr. Young replied that he is unsure if they are mentioning the County-wide effort to finish the Orange County Recycled Water handbook.

Mr. Cafferty stated that the County has been engaged in an effort to develop what is referred to as the Orange County Guidelines for Recycled Water for several years now.

Mr. Cafferty stated that staff changes at the County and global pandemic slowed the process, but there has been recent discussion on what needs to happen to get these guidelines in place. He further stated that once the County approves the guidelines, we will be changing our Rules and Regulations for Recycled Water to be consistent with those guidelines.

Cal Trans

Mr. Young stated that we are still on hold for Phase B. He further stated that the Contractor has been active in our area on Carlota and the freeway on and off ramps at El Toro Road.

Mr. Young stated that the next phase of construction for our relocation efforts is scheduled for October.

Dump Truck/Traffic Control Vehicle

Mr. Young stated that the Dump Truck/Traffic Control Vehicle has been received and is currently in use.

Oso Lift Station

Mr. Young stated that the wet well shaft has been placed, along with back fill, and the valve vault which will house important components such as the meter, check valves, and other controls has been set. He further stated that the construction in the street is nearly complete, and the project remains on schedule.

Mr. Young stated that SCE has been replacing vaults along the sidewalks in this area, which impacted our construction two weeks ago. He further stated that the City was replacing sidewalks as well.

East Orange County Feeder #2/Joint Transmission Main (JTM) Turnout

Mr. Young stated that this project has been delayed due to a scheduled shutdown. He further stated that staff has reached out to see when they will re-energize their lines.

Project Schedules

Mr. Young stated that included in the report is a project schedule for upcoming capital projects.

Engineering Items Discussed at Various Conferences and Meetings

There were no comments.

Comments Regarding Non-Agenda Engineering Committee Items

Mr. Cafferty stated that the upcoming shutdown of the Allen-McCullough pipeline through which we receive all of our treated MET water, is lengthy and later in the year than normal. He further stated that the shutdown will be on or around April 3rd and go for about 5 weeks.

Mr. Cafferty stated that IRWD is planning a major reconstruction of their Los Alisos Water Recycling Plant which is in Lake Forest on Muirlands Boulevard.

Mr. Cafferty stated that the plant will be out of service for approximately 3 years when they start construction. A large portion of the flow can be pumped to their IRWD Michelson plant, but there is a decent amount of flow can be pumped to their down a pipeline and goes through the splitter at El Toro Road and Muirlands where a portion can be directed to ETWD and the remaining flow goes to IRWD. He further stated that IRWD has asked if it is possible to shut down the splitter on their side and send all of the flow to ETWD, with IRWD paying any incremental costs ETWD would incur to treat their wastewater.

Mr. Cafferty stated that we have begun discussion to see what it might mean to ETWD's plant in both dry and wet weather conditions, and to see if the collections system can accommodate the additional flow.

Director Havens asked if ETWD has a right to use the recycled water since it is now a commodity. Mr. Cafferty replied yes, and an agreement will be drafted between ETWD and IRWD which will detail how ETWD gets compensated for treating their wastewater, and whether ETWD can use any of the water for recycled water purposes.

Mr. Cafferty stated that at the MWDOC Admin/Finance meeting the question was raised about the status of going forward with the WEROC EOC project at the ETWD filtration plant site. He further stated that during the budget part of the meeting, the project was brought up, and referenced that it was not included in their budget, but identified some costs.

Mr. Cafferty stated that MWDOC anticipates this being a 2-year project. He further stated that we have done the Alternatives Analysis and we know where things need to go if WEROC is in or out of the project.

Mr. Cafferty stated that he communicated that ETWD is not dependent on MWDOC to fund the project, but realistically there might be some cost sharing that would reduce ETWD's costs if MWDOC chooses to participate in the project. He further stated that WEROC asked what ETWD is planning to pay for, and stated that ETWD would be paying for engineering associated with demolition of the existing filtration plant, engineering design of a building we build, and would expect any design costs for a WEROC building would be born by WEROC.

Mr. Cafferty stated that the same presentation was shown at the MWDOC Managers meeting, and they referred to their funding agencies because there is more than just MWDOC to make the decision. He further stated that he asked when the final decision would be made, and he discovered that WEROC is mostly funded 50% by MWDOC, which means we all pay through MWDOC a portion of this 50%, but they also get the other 50% of their funding from 6 individual agencies; OCWD pays 25%, and OC Sanitation District pays 10%, and the other 15% is split evenly between SOCWA and the three MET cities, Santa Ana, Fullerton, and Anaheim.

Mr. Cafferty stated that OC Sanitation District has expressed a significant interest in partnering on the project because they view it as an opportunity to have some offsite EOC capability which they don't have now. He further stated that these 3 cities are financially challenged due to the pandemic.

Mr. Cafferty stated that on the R-6 floating cover project, we have a complete RFP and staff is working with Planet Bids to circulate the RFP and we are hoping to bring the project back in April.

Director Monin stated that extreme weather events in Florida and Texas could also impact the ETWD service area, but we could run into heat issues rather than cold. He further stated that he toured the Yorba Linda Water District and he advised other Board members to tour neighboring agencies.

Close Engineering Committee Meeting

At approximately 9:15 a.m. the Engineering Committee meeting was closed.

Attorney Report

Mr. Granito reported that there is a need for a Closed Session today to discuss item #2 of today's Closed Session agenda.

Closed Session

At approximately 9:15 a.m. the Board went into Closed Session. Also at this time, Ms. Cimorell, Mr. Young, Mr. Hopkins, Mr. Hayden, Mr. Miazga, Ms. Moore, and Ms. Welsch left the meeting.

Report on Closed Session

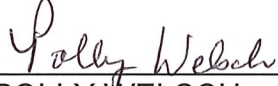
At approximately 9:45 a.m. the Board returned to Regular Session. Also at this time, Ms. Welsch returned to the meeting.

Mr. Granito reported that the Board did go into Closed Session with regard to item #2 of today's Closed Session agenda, the Kessner litigation, inclusive of a matter impacting that litigation, during which he and Mr. Cafferty led a discussion. No reportable action was taken.

Adjournment

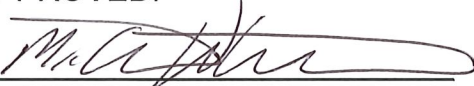
There being no further business, the Engineering Committee meeting was adjourned at approximately 9:50 a.m.

Respectfully submitted,




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