

LEUCADIA WASTEWATER DISTRICT
 Minutes of an Engineering Committee Meeting
 August 1, 2023

A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held on Tuesday, August 1, 2023 at 9:00 a.m., at the LWD Administration Office located at 1960 La Costa Avenue, Carlsbad, California.

1. Call to Order

Chairperson Saldana called the meeting to order at 9:00 a.m.

2. Roll Call

DIRECTORS PRESENT: Saldana, Omsted

DIRECTORS ABSENT: None

OTHERS PRESENT: General Manager Paul Bushee; Director of Technical Services Robin Morishita; Field Services Superintendent Marvin Gonzalez; Field Services Supervisor Mauricio Avalos; Field Services Supervisor Gabriel Mendez; Project Coordinator Ian Riffel; and Kathleen Heitt, from Dexter Wilson Engineering, Inc.

3. Public Comment

None.

4. New Business

- A. Authorize the General Manager to execute a sole source purchase Agreement with Haaker Equipment Company for the purchase of a new Vactor 2110 Combination Truck in an amount not to exceed \$697,988.33.

FSS Gonzalez presented this item to the EC. He provided background on the District's use of the Vactor Combination Truck (Vactor). He said that the Field Services Staff is trained to operate and maintain Vactor equipment. He stated that 8 years in service or 4,000 engine hours is the Vehicle Replacement Policy for heavy duty trucks. FSS Gonzalez said that Vactor 159 has 5,254 engine hours, which meets the replacement threshold. He continued that Vactor 159 has failed multiple Basic Inspection Terminal tests and has incurred a total of \$31,794 in repairs over the last two years. FSS Gonzalez stated that the Vactor purchase meets the criteria for sole source procurement under Section 11.1, Sole Source Procurement, in the Purchasing Policy because:

1. Haaker is the only authorized Vactor Truck dealer in Southern California.
2. The Vactor matches the make of the combination trucks currently in use.
3. The Vactor is a complex / unique item.

Chair Saldana asked how much are the Vactors used. FSS Gonzalez answered that the Vactors are operated four days a week with Friday being a maintenance day. He continued that they are also critical in responding to emergencies.

Director Omsted asked if Vactor was the only company that manufactures the Combination Truck. FSS Gonzalez answered no. There are others Vac-Con, Camel

and Gapvax to name a few. However, Vactor is considered the top brand in the industry.

Following discussion, the EC concurred with staff to recommend that the Board of Directors authorize the General Manager to execute a sole source purchase Agreement with Haaker Equipment Company for the purchase of a new Vactor 2110 Combination Truck.

- B. Authorize the General Manager to execute a sole source Agreement for professional services with Base 9 Consulting, Incorporated to upgrade the Programmable Logic Control at the Encina Effluent Pump Station in an amount not to exceed \$45,000.

FSSup Mendez presented this item to the EC. He explained the background and function of the Programmable Logic Control (PLC). He stated that the PLC enables the Encina Effluent Pump Station (EEPS) to pump secondary effluent to the Gafner Water Reclamation Plant (Gafner) for treatment. He continued that Gafner produces the recycled water that the District provides to Omni La Costa Resort for irrigating their South Golf Course.

FSSup Mendez said that the EEPS PLC was installed in May 2000. He continued that, as a result, the components are obsolete making technical support difficult. He stated that the upgrade will standardize the PLC with the other District pump stations, resulting in improved reliability and efficiency.

FSSup Mendez explained that Base Nine Consulting, Inc. (BCNI) has successfully completed recent PLC upgrades of many of the District's pump stations. He continued that BCNI evaluated the EEPS PLC and submitted a proposal to complete the upgrade. He said that after evaluating the proposal, staff determined it to be fair and reasonable. FSSup stated that this procurement of services meets the sole source procurement criteria under Section 11.1 of the Procurement Policy because BCNI possesses unique knowledge of the system and this service is a continuation of services of system PLC upgrades.

Director Omsted asked if the PLC is programmed to sense a drop in system pressure when a spill occurs from the force main. FSSup Mendez answered yes, a drop in pressure between pump discharge and force main discharge is programmed into the PLC. If the difference exceeds the set point, the pumps are secured.

Chair Saldana asked with BCNI being a single owner small company, was it evaluated for company longevity. GM Bushee answered that BCNI has not been previously vetted. However, it was noted that BCNI's owner has been training his son to take over the business. GM Bushee stated that, in the future, small firms will be checked.

Following discussion, the EC concurred with staff to recommend that the Board of Directors authorize the General Manager to execute a sole source Agreement for professional services with Base 9 Consulting, Incorporated to upgrade the Programmable Logic Control at the Encina Effluent Pump Station.

5. Information Items

Village Park No. 7 Pump Station Replacement Project Update

DTS Morishita presented this item to the EC. He stated that since the last update in May 23, Pacific Hydrotech (Pac Hydro) connected the 2" HDPE force main to the E/One pump station and discharge manhole in Mountain Vista Drive. He continued that additionally, Pac Hydro installed electrical conduit, wired the pump station, installed and operated the bypass system, demolished the old Smith & Loveless Packaged Pump Station, installed the grinder pumps, completed pump station start up and placed new asphalt in the pump station and driveway. DTS Morishita said that the pump station is operational and was returned to District control.

6. Directors' Comments

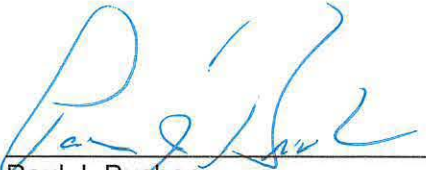
Chair Saldana and Director Omsted praised staff for their proactive, thorough and diligent work.

7. General Manager's Comments

None.

8. Adjournment

Chairperson Saldana adjourned the meeting at approximately 10:00 a.m.



Paul J. Bushee,
Secretary/Manager
(Seal)