

LEUCADIA WASTEWATER DISTRICT
Minutes of an Engineering Committee Meeting
October 2, 2019

A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held on Wednesday, October 2, 2019 at 12:00 p.m., at the LWD Administration Office located at 1960 La Costa Avenue, Carlsbad, California.

1. Call to Order

Chairperson Juliussen called the meeting to order at 12:05 p.m.

2. Roll Call

DIRECTORS PRESENT: Juliussen and Kulchin

DIRECTORS ABSENT: None

OTHERS PRESENT: General Manager Paul Bushee; Technical Services Manager Robin Morishita; Field Services Superintendent Jeff Stecker; Field Services Supervisor Marvin Gonzalez; Field Services Specialist Ian Riffel; District Engineer Dexter Wilson; and Administrative Specialist Mark Brechbiel

3. Public Comment

None.

4. New Business

- A. Authorize the General Manager to execute an Agreement with Pacific Sun Systems for the purchase of two (2) Portable Emergency Generators in an amount not to exceed \$157,161.99.

Field Services Superintendent (FSS) Stecker gave a presentation outlining the necessity to purchase two Portable Emergency Generators to provide power to pump stations in power outage events.

He began by giving a background on the District's current generators, their age and how they are beyond the 10-year replacement age. He also indicated that as of January 1, 2020 they will no longer be in compliance with San Diego County Air Pollution Control District (APCD) regulations.

FSS Stecker stated rather than rebuilding the existing generators to be in compliance, at a considerable cost, staff is requesting to purchase two new generators from Pacific Sun Systems (PSS) in an amount not to exceed \$157,161.99 and sell the old generators at auction.

President Kulchin asked if the existing generators were in compliance when LWD first purchased them. FSS Stecker answered affirmatively.

Chairperson Juliussen asked if the two existing generators are still in good working order. FSS Stecker answered affirmatively. However, if LWD were to use them after January 1, 2020 the District would face potential fines.

President Kulchin asked what the compliance regulations are based on. FSS Stecker indicated the regulations are based on exhaust emissions during operation, similar to that of a motor vehicle.

FSS Stecker indicated that a request for bids was sent out to six different generator suppliers and six bids were received. Upon opening of the bids, PSS was the apparent low bidder. Before proceeding, the bids were sent over to the Dexter Wilson Engineering Inc. (DWEI) for review. Upon review, DWEI recommended LWD proceed with awarding the purchase to PSS as the lowest responsive and responsible bidder.

President Kulchin asked how much [money] does staff expects to get for the old generators. FSS Stecker and Field Services Supervisor (FSSup) Gonzalez indicated that someone from the Field Services staff would research comparable generators and determine the approximate minimum resale value when they are sold at auction.

The EC thanked FSS Stecker for his presentation.

Following discussion, the EC agreed with staff to forward this recommendation to the Board of Directors.

- B. Authorize the General Manager to execute a sole source purchase Agreement with Pacific Rim Mechanical for the purchase of a new air-cooled chiller in an amount not to exceed \$57,480.00.

Field Services Specialist (FSSpec) Riffel gave a presentation outlining how and why the purchase and install of a new chiller is necessary for the LWD Admin building.

He gave background information that led up to where the project is now. He indicated that in January of 2018 LWD was informed by its previous HVAC company that the chiller was due to be replaced. Staff was not satisfied with the HVAC maintenance services being provided. Therefore, in February 2018 LWD staff requested quotes from three companies for maintenance services and the replacement of the equipment. Ultimately, Pacific Rim Mechanical (Pac Rim) was selected. In addition, Pac Rim provided the lowest quote for a new replacement chiller.

FSSpec Riffel indicated the current chiller is beyond its 10-year useful life.

He also stated that since the initial bid in early 2018, the industry standard has changed with respects to how chillers are built. Instead of copper being used for the cooling coils, aluminum is now the industry standard. Therefore, the updated quote received in 2019 from Pac Rim is approximately \$6,000 less.

Chairperson Juliussen commented how aluminum tends to deteriorate due to the salt air close to the coast. FSSpec Riffel indicated that the aluminum coils are coated with an epoxy, thus prolonging the life of the coils.

Chairperson Juliussen asked if the warranty is the same as the currently installed chiller. FSSpec Riffel replied affirmatively (10 years).

The EC thanked FSSpec Riffel for his presentation.

Following discussion, the EC agreed with staff to forward this recommendation to the Board of Directors.

5. Information Items

A. Batiquitos (B3) Discharge Section Replacement Project Update (Verbal)

Technical Services Manager (TSM) Morishita gave an update on the replacement of the discharge section of the B3 Force Main.

He showed images of the project taking place along Coast Highway 101. The images included the clearing of plants at the construction site, an uncovered utility box that held unmarked fiber optic lines, images of the heavy equipment being used to excavate as well as images of the shoring used to safely secure the trench.

He indicated that the discovery of the fiber optic line slightly slowed down the progress of the project. However, once the proper parties were notified, the line was moved and the project proceeded.

He showed images of the Ductile Iron Pipe (DIP) that had been removed which showed a section, from the northern discharge end of the pipe, that had severe internal corrosion.

The EC thanked TSM Morishita for his presentation and the hard work being put forth by all on this project.

6. Directors' Comments

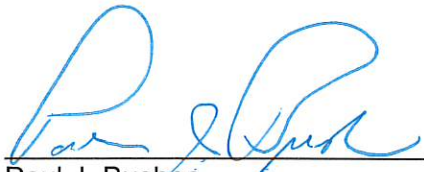
Chairperson Juliussen stressed his concern for the safety of all during projects especially to those taking place on major roadways. He urged staff to keep safety as the number one priority. He again commended all for their hard work and commented on how valuable everyone is.

7. General Manager's Comments

None.

8. Adjournment

Chairperson Juliussen adjourned the meeting at approximately 12:55 p.m.



Paul J. Bushee,
Secretary/Manager
(Seal)