

**LEUCADIA WASTEWATER DISTRICT**  
Minutes of an Engineering Committee Meeting  
February 5, 2019

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A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held on Tuesday, February 5, 2019 at 9:00 a.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 9:00 a.m.

**2. Roll Call**

DIRECTORS PRESENT: Juliussen and Kulchin

DIRECTORS ABSENT:

OTHERS PRESENT: General Manager Paul Bushee; Technical Services Manager Robin Morishita; Field Services Superintendent Jeffery Stecker; Field Services Supervisor Marvin Gonzalez; District Engineer Representative Natalie Frascetti; and Jamie Fagnant from Infrastructure Engineering Corporation

**3. Public Comment**

None.

**4. New Business**

- A. Authorize the General Manager to execute Amendment No. 5 to Task Order No. 29 with Infrastructure Engineering Corporation for additional design services for the Leucadia Pump Station Rehabilitation Project in an amount not to exceed \$47,986.

TSM Morishita presented staff's recommendation. He provided background information and reviewed the major project components with the EC. He stated that the evaluation of replacing the large capacity emergency bypass pump, Big Blue, has resulted in a holistic approach for future emergency bypass pumping. TSM Morishita explained that staff selected to have an electric submersible pump installed in the Leucadia Pump Station Emergency Basin. He continued that the replacement mobile emergency bypass pump will consist of a smaller electric pump and a separate electric generator to power the pump.

TSM Morishita explained that staff has also continued to evaluate ways to reduce hydrogen sulfide (H<sub>2</sub>S) to: ensure staff safety, to improve odor control and prevent internal corrosion of the force main. He said that staff has determined that super-oxygenation is the most cost effective method to reduce H<sub>2</sub>S. TSM Morishita continued that Amendment No. 5 is the result of including the two concepts in project design.

After discussion, the EC concurred with staff to recommend that the Board authorize the General Manger to execute Amendment No. 5 to Task Order No. 29 with IEC for engineering design services for the Leucadia Pump Station Rehabilitation Project in an amount not to exceed \$47,986.

**5. Information Items**

A. Keeping our eyes on target.

FSSup Gonzalez presented an update of Closed Circuit Television (CCTV) Inspections. He reviewed the procurement history of the District's CCTV vehicles. He then reviewed the pipe defect rating system developed by staff. FSSup Gonzalez showed the EC video inspection of a La Coruna Place gravity line segment. He stated that the inspection discovered a major offset joint. He said that the defect will be repaired with a spot repair of the offset and the insertion of a Cured-In-Place Pipe (CIPP) liner. FSSup Gonzalez said that the discovery and immediate repair of the defect shows the effectiveness of the District's inspection and Repair Priority List programs in maintaining the District's infrastructure.

The EC thanked FSSup Gonzalez for his presentation and requested that he present this information at the upcoming Board of Directors meeting. GM Bushee replied that this item will be added to the agenda.

**6. Directors' Comments**

None.

**7. General Manager's Comments**

None.

**8. Adjournment**

Chairperson Juliussen adjourned the meeting at approximately 9:45 a.m.



Paul J. Bushee,  
Secretary/General Manager  
(Seal)