

**LEUCADIA WASTEWATER DISTRICT**  
 Minutes of an Engineering Committee Meeting  
 January 7, 2020

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A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held on Tuesday, January 7, 2020 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: None

OTHERS PRESENT: General Manager Paul Bushee; Technical Services Manager Robin Morishita; Field Services Superintendent Jeffery Stecker; Administrative Specialist Mark Brechbiel; District Engineer Dexter Wilson; and Jamie Fagnant with Infrastructure Engineering Corporation (IEC)

**3. Public Comment**

No public comment was received.

**4. New Business**

- A. Authorize the General Manager to execute Amendment No. 7 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 \$117,690.

TSM Morishita discussed the background and what led to the project shifting from minor to major rehabilitation of the Leucadia Pump Station (LPS) as well as various design amendments from May 2018 to present.

He indicated that Amendment No. 7 outlines work for project design completion. The Scope of Work includes, but is not limited to: Modified system curve for revised surge tank piping and permanent submersible pump, enlarging the site plan, revised conceptual bypass plan, revised surge tank piping, super-oxygenation system requirements, fiberglass reinforced plastic platform for generator access, new submersible recirculation chopper pump in wet well, surge analysis for Surge Tank requirement and piping modification.

He stated that IEC's total design cost is now \$500,436 including the \$117,690 for Amendment No. 7.

Following discussion, the EC concurred with staff to recommend that the Board of Directors authorize the General Manager to execute Amendment No. 7 to Task Order No. 29 with IEC for engineering design services for the LPS Rehabilitation Project in an amount not to exceed \$117,690.

- B. Authorize the General Manager to execute Amendment No. 2 to Task Order No. 38 with Infrastructure Engineering Corporation for final design services for the Encinitas Estates Pump Station Replacement Project in an amount not to exceed \$73,880.

TSM Morishita discussed the background and what led to the necessary replacement of the Encinitas Estates Pump Station (EEPS) based on the 2014 Pump Station

Assessment completed by IEC in April 2014.

He informed the EC that one of the main focuses in the decision to replace rather than repair EEPS was to eliminate dependency on Smith & Loveless as the sole source vendor for pump station material and equipment. In addition, replacing the current pump station with a submersible pump station provides a safer work environment for Field Staff and is more efficient and easier to maintain and operate.

TSM Morishita noted that IEC submitted a proposal for final project design. The proposal included 3 tasks; Project Management & Administration where IEC staff will attend two meetings, Final Design where IEC and District Staff will develop project design in a collaborative manner, and Electrical Design where a subconsultant will complete pump station electrical design.

TSM Morishita stated that IEC's total design fee is now \$142,751 which includes the \$73,880 for Amendment No. 2.

Following discussion, the EC concurred with staff to recommend that the Board of Directors authorize the General Manager to execute Amendment No. 2 to Task Order No. 38 with IEC for engineering design services for the Encinitas Estates Pump Station Replacement Project in an amount not to exceed \$73,880.

## **5. Information Items**

### **A. Batiquitos (B3) Discharge Section Replacement Project Update.**

TSM Morishita stated that an actuator is on order for the B3 isolation valve and an approximately 4-6 weeks estimated time of repair. He also stated that both force mains are open and operating while we wait for the actuator. He indicated that the B3 isolation valve needs to be closed before work on the manholes can be completed.

GM Bushee reiterated that the B3 Discharge Section pipe replacement is complete we are just waiting for the actuator to complete the lining of two manholes at the north end of the line.

## **6. Directors' Comments**

None

## **7. General Manager's Comments**

TSM Morishita and GM Bushee gave an overview of an incident that took place at the adjacent Gelson's Market on Friday, December 27, 2019. TSM Morishita showed the location of the La Costa Pump Station (LCPS) force main in relation to Gelson's. He described how it was determined that the operation of LCPS was affecting the slab leak in Gelson's warehouse Area. GM Bushee explained that a valve was exercised at LCPS under the assumption that LCPS had two force mains. The valve that was exercised could not be resealed and resulted in the force main being pressurized whenever the pumps came on. GM Bushee continued that, according to the plans for construction of Albertson's in 2002, the section of force main and manhole under Gelson's that caused the overflow were to be removed during construction. Because the line was not disconnected and removed, wastewater began to infiltrate the warehouse area of the Gelson's grocery store.

Emergency repairs were made at LCPS to isolate the force main at the pump station. The contractor used a line stop valve, two mechanical plugs and concrete to isolate the force main prevent a future incident. The approximate construction cost is \$70,000.

**8. Adjournment**

Chairperson Juliusen adjourned the meeting at approximately 9:58 a.m.



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Paul J. Bushee,  
Secretary/Manager  
(Seal)