

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

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A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held on Wednesday, June 5, 2019 at 8:30 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 8:30 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; Field Services Supervisor Marvin Gonzalez; Field Services Specialist Ian Riffel; District Engineer Dexter Wilson; Rob Weber from Infrastructure Engineering Corporation; and Steven Henderson from Dexter Wilson Engineering Incorporated.

**3. Public Comment**

None.

**4. New Business**

- A. Authorize the General Manager to execute an Agreement with Charles King Company for construction services to complete the Batiquitos (B3) Force Main Discharge Section Replacement Project in an amount not to exceed \$444,660.

Field Services Specialist (FSSpec) Ian Riffel presented staff's recommendation. He explained the background from previous force main replacement projects that led staff to conclude that replacing the discharge section of the B3 Force Main is a prudent and cost effective method for its maintenance and rehabilitation.

FSSpec Riffel continued that design was completed in April 2019 and bids were solicited on April 15<sup>th</sup>. He stated that the bids were due on May 14<sup>th</sup> and four bids were received. He said that the apparent low bidder was Charles King Company (CKC) with a bid of \$444,660. FSSpec Riffel explained that Infrastructure Engineering Corporation (IEC) evaluated the bids and recommended that the bid be awarded to CKC. He said that staff concurs with IEC and recommends that the Board award the contract to CKC for \$444,660.

After discussion, the EC concurred with staff to recommend that the Board award the B3 Force Main Discharge Section Replacement Project construction contract to Charles King Company at a cost of \$444,660.

- B. Authorize the General Manager to execute a two-year procurement agreement with Evoqua Water Technologies LLC to furnish and deliver Ferrous Chloride in an amount not to exceed \$322,000.

Field Services Superintendent (FSS) Jeffery Stecker presented staff's recommendation. He explained the reasons for the switch from Bioxide to Ferrous Chloride (Ferrous) to control the level of hydrogen sulfide (H<sub>2</sub>S) in the Leucadia Pump Station Force Mains (LPSFM). He continued that staff conducted a 120 day trial that demonstrated that Ferrous was more effective than Bioxide at reducing H<sub>2</sub>S and at a lower cost. FSS Stecker explained that staff estimated the cost to supply of Ferrous over a two year contract period would exceed \$60,000. He continued that, therefore, staff solicited for bids in accordance with the District's Procurement Policy and Procedures.

FSS Stecker stated that the Request for Bid (RFB) was distributed to six know chemical suppliers on April 29, 2019 and the RFB was published in the San Diego Union-Tribune on May 3<sup>rd</sup>. He continued that the bids were due on May 15<sup>th</sup> and that two bids were received. He said that Evoqua Water Technologies (EWT) submitted the lowest bid at \$1.80 per gallon. FSS Stecker explained that staff evaluated the bids and recommends that the Board award the Ferrous procurement agreement to EWT as the lowest responsible and responsive bidder.

After discussion, the EC concurred with staff to recommend that the Board award the agreement to supply Ferrous to EWT.

C. Adopt the 2019 update of the District's Sanitary Sewer Management Plan (SSMP) completed by Dexter Wilson Engineering, Incorporated.

FSS Jeffery Stecker presented background on the Sanitary Sewer Management Plan (SSMP). He stated that the 2006 Statewide Sanitary Sewer Systems Waste Discharge Requirements (Statewide WDR) required collection system operators to develop and implement a Sewer System Management Plan (SSMP). He continued that an update of the SSMP is required every five years or when there are significant changes to the SSMP. FSS Stecker explained that the District's current SSMP was adopted in July 2014. He stated that, therefore, an update of the SSMP is necessary to comply with the five year update requirement.

FSS Stecker said that the significant changes to the SSMP include:

1. Updates from the District's Asset Management Plan (updated in May 2018) and Standard Specifications (updated in May 2019).
2. Updating of the District's spill history and spill trends.
3. Addition of appendices per State Board guidelines to better track SSMP updates and revisions.
4. Updates of the contact list, standard operating procedures and preventative maintenance activities.

Steven Henderson from Dexter Wilson Engineering Incorporated presented an overview of the updated SSMP. He explained the significant changes.

After discussion, the EC concurred with staff to recommend the Board adopt the 2019 Update of the SSMP at the June 2019 Board meeting.

**5. Information Items**

None.

**6. Directors' Comments**

None.

**7. General Manager's Comments**

None.

**8. Adjournment**

Chairperson Juliussen adjourned the meeting at approximately 9:12 a.m.



Paul J. Bushee,  
Secretary/Manager  
(Seal)