

LEUCADIA WASTEWATER DISTRICT
 Minutes of an Engineering Committee Meeting
 August 2, 2017

A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held on Wednesday, August 2, 2017 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: Technical Services Manager Robin Morishita; Field Services Superintendent Jeffery Stecker; Field Services Supervisor Marvin Gonzalez; District Engineer Dexter Wilson; and Natalie Frascchetti from Dexter Wilson Engineering

3. Public Comment

None.

4. New Business

- A. Authorize the General Manager to execute a three-year professional services agreement with ADS Corporation (ADS) for equipment maintenance and analysis of data for ten (10) ECHO depth meters in an amount not to exceed \$42,840.

FSSupt Stecker presented the staff recommendation. He explained that for the past ten years, the District has utilized ten Smart Covers to monitor areas of concern in the collection system. He continued that a Smart Cover is essentially a depth sensor that is mounted on the inside cover of the manhole that alerts staff if the flow begins to surcharge and potentially spill. FSSupt Stecker stated staff learned ADS offers a similar manhole sensor called the ECHO Meter. He continued that staff pilot tested an ECHO Meter this past year and was impressed by its performance. He said that one of the benefits of the ECHO Meter is that it integrates into the ADS flow metering software that staff currently uses, so staff will be able to access both the flow monitoring information and the manhole level information under one system. He explained that Smart Cover utilizes a separate software system that is not as user friendly.

FSSupt Stecker said that staff compared the cost difference over a ten year period between owning and maintaining the Smart Covers and leasing the ADS ECHO Meters. He continued that, as a result of the evaluation, the District would save \$2,419 per year by leasing the ADS ECHO Meters.

After discussion, the EC concurred with staff to recommend that the Board authorize the General Manger to execute a three-year professional services agreement with ADS for ten (10) ECHO depth meters.

- B. Authorize the General Manager to execute an Engineering Services contract to update the District's Asset Management Plan with Dexter Wilson Engineering, Inc. in an amount not to exceed \$99,100.

TSM Morishita presented the staff recommendation. He said that the Asset Management Plan (AMP) was updated in 2013 by Dexter Wilson Engineering (DWE). He continued that the AMP separates the District's assets into five categories: force mains, pump stations, gravity lines, jointly-owned gravity lines and manholes. TSM Morishita showed the EC a list of eleven Capital Improvement Projects (CIP) that were completed as a result of the 2013 AMP.

TSM Morishita explained that staff believes it is prudent to update the AMP on a five year cycle. He said that the AMP update would document the current condition of District assets, recommend future CIP and provide cost estimates for the future projects to be used in the District's Financial Plan. TSM Morishita described several Scope of Work tasks from the DWE proposal. He explained that DWE developed the initial AMP and 2013 AMP Update and has in depth knowledge of District operations through their annual auditing of the District's Sewer System Management Plan.

After discussion, the EC concurred with staff to recommend that the Board authorize the General Manager to execute an Engineering Services contract to update the Asset Management Plan with Dexter Wilson Engineering.

5. Information Items

- A. Update of the Leucadia (L1) Force Main West Section Replacement Project

TSM Morishita presented an update of the L1 Force Main West Section Replacement Project. He said that Nu Line completed the Cured-In-Place Pipe (CIPP) lining of the ductile iron pipe bridge section. He continued that CCL completed the reconnection of the Flexend couplings. TSM Morishita stated that project construction is complete and the project is in the close out phase.

- B. 2017 Gravity Pipeline Rehabilitation and La Costa Gravity Sewer Alteration Project status.

TSM Morishita presented an update of the 2017 Gravity Pipeline Rehabilitation and La Costa Gravity Sewer Alteration Project. He stated that only one bid was received from Nu Line Technologies at a bid price of \$888,000. He continued that the bid was significantly higher than the \$667,000 project estimate. TSM Morishita informed the EC that the Nu Line bid was rejected. He said that staff is currently working with Piperin Corporation to obtain a negotiated price for construction of the La Costa Gravity Sewer Alteration portion of the project because the work must be completed between September and October. He continued that the timeframe is when Omni La Costa Resort will be over seeding the south golf course. TSM Morishita stated that if a negotiated price cannot be reached, staff will rebid the project at a later date.

6. Directors' Comments

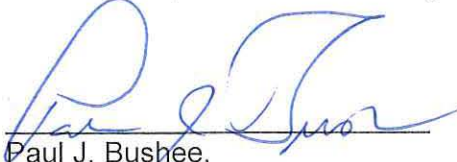
None.

7. General Manager's Comments

None.

8. Adjournment

Chairperson Juliussen adjourned the meeting at approximately 9:22 a.m.



Paul J. Bushee,
Secretary/Manager
(Seal)