

LEUCADIA WASTEWATER DISTRICT
Minutes of an Engineering Committee Meeting
March 4, 2015

A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held on Wednesday, March 4, 2015 at 2:00 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 2:00 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 Jeffery Stecker; District Engineer Steve Deering; and Jamie Fagnant with Infrastructure Engineering Corporation

3. Public Comment

None.

4. New Business

- A. Authorize the General Manager to execute an agreement with Infrastructure Engineering Corporation (IEC) for engineering design services for the Leucadia (L1) Force Main West Section Replacement Project in an amount not to exceed \$69,375.

TSM Morishita presented staff's recommendation noting this item is a FY 2015 tactical goal. He gave a quick review of the project as a refresher for the Committee. TSM Morishita explained that in July 2013 Infrastructure Engineering Corporation (IEC) completed the Leucadia (L1) Force Main Internal Corrosion Evaluation Project Report and recommended that the District discontinue use of L1 until the District conducted further condition assessments of the force main. He continued that subsequently, staff obtained a cost proposal of \$663,325 to complete a non-destructive assessment. TSM Morishita said that staff did not believe that there was high value in assessing the pipe for that cost and thought the funds would be better spent replacing the western section of L1. He said that staff is confident that L1 can then be relied on for use during an emergency.

TSM Morishita said that IEC was asked to provide a proposal for project design. He said IEC's proposed cost for the services is \$69,375. He said staff believes the proposal is fair and reasonable.

After discussion, the EC concurred with staff to recommend the award of an agreement with IEC for engineering design services for the Leucadia (L1) Force Main West Section Replacement Project to the Board for approval at the March 2015 Board meeting.

- B. Authorize the General Manager to execute a sole source Agreement with Sloan Electromechanical Service & Sales for the purchase and installation of replacement Variable Frequency Drives (VFDs) for the Leucadia and Batiquitos Pump Stations in an amount not to exceed \$200,021.24.

TSM Morishita presented staff's recommendation noting this item is a FY 2015 tactical goal. He said that the April 2014 pump stations assessment conducted by Infrastructure Engineering Corporation (IEC) recommended that two Variable Frequency Drives (VFDs) at the Leucadia Pump Station be replaced in FY15 due to operational issues. He said that staff took this opportunity to research other manufacturers to improve reliability and field support and to standardize the pump station VFDs. He stated that, as a result of an evaluation, Sloan and the Mitsubishi VFD were selected.

TSM Morishita stated that Sloan was asked to provide a proposal to replace the VFDs. He said that the proposed price for each VFD at Leucadia is \$30,489.04 and at Batiquitos is \$46,347.72. TSM Morishita stated that Sloan proposes to retrofit the Mitsubishi VFDs into the current enclosures, which significantly reduces the cost of replacement. He continued that based on Sloan's quote, the District will be able to replace two VFDs at Leucadia and three VFDs at Batiquitos instead of just two at Leucadia.

TSM Morishita said that the District's Procurement Policy allows sole source procurement in cases where goods and services are obtainable from only one vendor due to unique circumstances. Sloan is the only southern California representative for the Mitsubishi VFD and successfully performed the retrofit of the VFD at Batiquitos Pump Station in the past.

After discussion, the EC concurred with staff to recommend the award of a sole source Agreement with Sloan Electromechanical Service & Sales for the purchase and installation of replacement VFDs for the Leucadia and Batiquitos Pump Stations to the Board for approval at the March 2015 Board meeting.

5. Information Items

A. B1/B2 Force Mains Replacement Project Update

TSM Morishita presented this item. He provided an overview of the completed work to date. He reported that Burtech Pipeline has installed the force mains to just south of Breakwater Lane. TSM Morishita said it is anticipated that Burtech will cross Highway 101, Carlsbad Boulevard, at Breakwater Lane next week and continue north in the frontage road (Ponto Drive). He stated that the residents of the Lanikai Mobile Home Park have been notified of the upcoming construction. He noted that the project remains on track for the June 2015 completion date.

B. Leucadia Pump Station Generator Replacement Update

TSM Morishita presented this item. He said that as a result of the field load testing of the generator the alternator has been accepted. NEWest has been notified. TSM Morishita said that staff just received a proposed schedule for correcting the remaining discrepancies from NEWest and is evaluating the schedule for completeness.

6. Directors' Comments

Chairperson Juliussen asked about the progress of the Disaster Preparedness Planning. TSM Morishita answered that Kristin Norton, Titan Engineering & Consulting, has received the facilities data she requested and is working on the report. It is anticipated that the report will be completed by the end of March to early April timeframe.

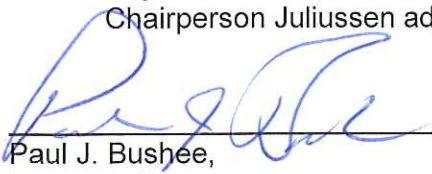
7. General Manager's Comments

GM Bushee informed the EC that staff will be requesting that the Board retroactively approve the 2015 Gravity Pipeline Rehabilitation Project engineering design services agreement with Infrastructure Engineering Corporation (IEC) at the March 2015 Board meeting. GM Bushee

explained that the EC reviewed and discussed that agreement at the July 2, 2014 EC Meeting and agreed to recommend contract award to IEC. However, it was not presented for Board approval at the July 9, 2014 Board meeting. Chairperson Juliussen and Director Kulchin agreed with asking the Board for retroactive approval of the agreement.

8. Adjournment

Chairperson Juliussen adjourned the meeting at approximately 2:40 p.m.



Paul J. Bushee,
Secretary/Manager
(Seal)