

**LEUCADIA WASTEWATER DISTRICT**  
Minutes of an Engineering Committee Meeting  
July 1, 2015

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A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held on Wednesday, July 1, 2015 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; District Engineer Steve Deering; and Jamie Fagnant from Infrastructure Engineering Corporation.

**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 Scott's Valley Pipeline Rehabilitation Project in an amount not to exceed \$469,400.

TSM Morishita presented staff's recommendation noting this item is a Fiscal Year 2015 (FY 15) tactical goal. He explained that in the past, continuous flow monitoring of the collection system has indicated a higher than expected early morning flow in the Scott's Valley area of the District. He continued that, as a result, Field Service staff conducted a Closed Circuit Television (CCTV) Inspection of the Scott's Valley Line. TSM Morishita said that the staff found significant inflow and infiltration (I & I) in that gravity pipeline. He explained that the project consists of Cured-in-Place Pipe (CIPP) lining of 680 feet of the pipeline, Cured-in-Place Manhole (CIPM) lining of three manholes in the Scott's Valley Line and epoxy lining of six manholes in Circulo Adorno to reduce the I & I.

TSM Morishita said the project design was completed in May 2015 and advertised for bids. He continued that the Bids were due on June 17, 2015 and that three bids were received. He said that Charles King Company (Charles King) submitted the apparent low bid. TSM Morishita stated that Infrastructure Engineering Corporation (IEC) evaluated the bids, determined that Charles King was the lowest responsive and responsible bidder, and recommended that the contract be awarded to Charles King. He requested that an additional appropriation of \$81,000 be approved to cover the construction costs for the project and a 10% contingency.

After discussion, the EC concurred with staff to recommend that the Board authorize executing an Agreement with Charles King Company for construction services to complete the Scott's Valley Pipeline Rehabilitation Project in an amount not to exceed \$469,400 and to authorize an additional appropriation of \$81,000 to cover the construction costs for the project.

- B. Authorize the General Manager to execute an agreement with Infrastructure Engineering Corporation (IEC) for engineering design services for the Fiscal Year 2016 (FY 16) Gravity Pipeline Rehabilitation Project in an amount not to exceed \$34,960.

TSM Morishita presented staff's recommendation noting this item is a FY 16 tactical goal. He explained that the shift in Field Service focus from hydro-cleaning to Closed Circuit Television (CCTV) Inspection has resulted in the discovery of significant pipe defects throughout the collection system that are of a high priority for repair. He continued that the 2016 Gravity Pipeline Rehabilitation Project (Project) for FY 16 focuses on the repair of prioritized collection system defects listed on the Staff's Repair Priority List for gravity pipelines and manholes.

TSM Morishita said that IEC submitted a proposal for the design services at a cost of \$34,690. He continued that the proposal was reviewed and Staff believes the proposal is fair and reasonable.

After discussion, the EC concurred with staff to recommend that the Board authorize executing an agreement with IEC for engineering design services for the FY 16 Gravity Pipeline Rehabilitation Project in an amount not to exceed \$34,690.

- C. Authorize the General Manager to execute a sole source purchase Agreement with Haaker Equipment Company for the purchase of a new Vactor Truck in an amount not to exceed \$366,561.

FSSupt Stecker presented staff's recommendation. He noted that the District has three Vactor Combination Trucks (Vactor) in its fleet. He continued that over the past year, staff has noticed an increase in the cost and frequency of repair of the two oldest Vactors. FSSupt Stecker said that the vehicle replacement guidelines in the District's Vehicle Replacement Policy recommend that heavy duty vehicles be replaced every 10 years or 100,000 miles. He continued that the ages of Vactors 128 and 147, 17 years and 13 years respectively, both have exceeded the 10 year age threshold. FSSupt Stecker said that due to the increase in maintenance frequency and associated cost, staff believes both Vactors have exceeded their useful life. He continued that staff intends to trade in both Vactors 128 and 147 when the new Vactor is purchased. He stated that since a new trailer mounted mini-jetter has been added to the fleet, the two for one trade of Vactor trucks will not reduce the capability of staff to respond to emergencies or conduct collection system hydro-cleaning.

FSSupt Stecker stated that Haaker Equipment Company (Haaker) is the only authorized southern California dealer for Vactor Trucks. He noted that under Section 11.1, Sole Source Procurement, of the District's Procurement Policy, sole source procurement is allowed in cases where goods and services are obtainable from only one vendor due to unique circumstances.

FSSupt Stecker said that staff requested and received a quote from Haaker for the Vactor. He continued that staff evaluated the quote submitted by Haaker and is satisfied that the Vactor meets their specified combination truck requirements.

After discussion, the EC concurred with staff to recommend that the Board authorize executing a sole source purchase Agreement with Haaker Equipment Company for the purchase of a new Vactor Truck

## 5. Information Items

- A. B1/B2 Force Mains Replacement Project Update

TSM Morishita presented a status update of the B1/B2 Force Main Replacement Project. He said that all paving is complete on the project and that project close out is in progress.

B. Leucadia Pump Station Generator Replacement Project

TSM Morishita presented this item. He said that the project is complete and the Notice of Completion has been filed with the County Clerk. He continued that three Change Orders were issued for a total of \$12,519 or 2.7% of the original cost. TSM Morishita said that the total construction cost was \$479,519.

**6. Director's Comments**

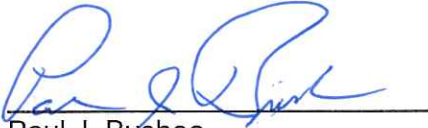
None.

**7. General Manager's Comments**

None.

**8. Adjournment**

Chairperson Juliussen adjourned the meeting at approximately 9:07 a.m.



Paul J. Bushee,  
Secretary/Manager  
(Seal)