

**LEUCADIA WASTEWATER DISTRICT**  
Minutes of an Engineering Committee Meeting  
October 6, 2015

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A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held on Tuesday, October 6, 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 Supervisor Marvin Gonzalez; District Engineer Steve Deering; and Robert Weber from Infrastructure Engineering Corporation.

**3. Public Comment**

None.

**4. New Business**

- A. Authorize the General Manager to execute Task Order No. 25 with Infrastructure Engineering Corporation (IEC) for engineering design services for the Village Park No. 5 Pump Station Replacement Project in an amount not to exceed \$109,876.

TSM Morishita presented staff's recommendation noting this item is a Fiscal Year 2016 (FY 16) tactical goal. He explained that staff is recommending the replacement of the pump station. He continued that there is an option to rehabilitate the pump station that would reduce the overall project cost by \$230,000. TSM Morishita explained that although more expensive in the short-term, IEC and staff have concluded that replacing VP5 with a submersible station is the best option for the District for the following reasons:

- VP5 is nearing the recommended 50 year life for the Smith & Loveless metallic dry well
- The mechanical equipment needs to be replaced
- The electrical components require upgrade
- The submersible pump station will provide a safer environment for field service staff
- Replacement will eliminate dependency on Smith & Loveless as a sole source vendor for pump station material and equipment
- Submersible pump stations are easier, safer and more efficient to maintain and operate
  - The drywell of the Smith & Loveless pump station is very confined making routine maintenance and replacement more difficult

TSM Morishita continued that staff believes that the advantages of replacing the station outweigh the additional expense and will require less maintenance and associated cost over the long-term. The EC agreed with staff's assessment to replace, instead of rehabilitating, the pump station.

TSM Morishita described the design services to be provided by IEC including project management and administration, survey, basis of design memorandum and final project design. He continued that IEC's proposed fee for design services for pump station replacement is \$109,876 which includes subcontractor services, such as electrical engineering services. He said that this fee is 11% of the estimated construction cost and that staff believes the proposal is fair and reasonable.

After discussion, the EC concurred with staff to recommend that the Board authorize executing Task Order No. 25 with IEC to complete the design for the VP5 Pump Station Replacement Project.

- B. Authorize the General Manager to execute a sole source Agreement for professional services with Data Net Solutions Group, Incorporated for information systems support services in an amount not to exceed \$48,600 over an initial three year period.

TSM Morishita presented staff's recommendation noting this item is a FY 2016 tactical goal. He explained that the District owns and maintains its information systems network. He stated that Data Net Solutions Group, Incorporated (Data Net) has provided excellent network support services to the District for many years. He continued that as a result, staff requested that Data Net submit a scope of work and associated fees to continue to provide this vital service.

TSM Morishita stated that Data Net's proposed estimated cost per year for standard network maintenance was \$16,200. He continued that the initial three year total is \$48,600. He said that if Data Net's performance is satisfactory, the agreement may be extended for an additional two year period.

TSM Morishita stated that Data Net selected, installed and possesses in depth knowledge of the District's computer network. He continued that retaining Data Net for the District's network support services will provide continuity, efficiency and is in the best interest of the District. TSM Morishita said that for these reasons, the procurement of these services satisfies the criteria for sole sourcing allowed under Section 11.1, Sole Source Procurement, and continuity of service under Section 12.4, Continuing Services, of the District's Procurement Policy.

After discussion, the EC concurred with staff to recommend that the Board authorize the General Manager to execute a sole source Agreement with Data Net for information system support services

- C. Discuss recycled water fill stations.

President Juliussen said that he requested this item and asked if staff has thought about the concept of recycled water fill stations at LWD.

GM Bushee responded that there are a few agencies that have begun operating recycled water fill stations. GM Bushee added that these facilities typically have two full time employees assisting customers when the refill station is open to the public. GM Bushee noted that the agencies that operate the refill stations are water purveyors which LWD is not. LWD has not pursued a recycled water fill station to date due to staffing and the fact that LWD is not a water purveyor.

Chairperson Juliussen stated that due to the current drought conditions we should conserve potable water and use recycled water whenever feasible. He asked that staff assess the possibility of procuring and operating a tanker truck to refill our Vactors as they operate in the service area. He also stated that the tanker truck may provide an additional safety buffer against vehicle traffic.

GM Bushee said that staff will conduct an assessment for using a tanker truck to provide recycled water to District Vactors during hydro-cleaning operations and report its findings back to the EC.

**D. Discuss District access to gravity pipeline near Interstate 5 through California Department of Transportation right of way.**

President Juliussen stated that he requested this item and asked staff about operational access to pipelines in the area of south bound ramp to Interstate 5 at La Costa Avenue.

TSM Morishita presented diagrams and described the area of concern near the on ramp to south bound Interstate 5 (I-5) at La Costa Avenue.

Chairperson Juliussen asked how field service staff cleans and inspects the gravity pipeline located along the western edge of the on ramp. He stated that he is concerned that staff is not able to safely and easily access the line to perform hydro-cleaning and inspection.

FSS Gonzalez explained that staff goes through the gated community to the southwest of the pipeline to access the manholes for line cleaning. He stated that this allows the crew to clean upstream through the line as hydro-cleaning is normally done.

Chairperson Juliussen was satisfied with FSS Gonzalez's explanation and asked if staff is involved with or have heard anything about the Caltrans I-5 expansion project. DE Deering answered that he responded a few years ago to Caltrans' initial inquiry on the possible expansion of I-5 and that he will do all he can to protect District assets as the project progresses. DE Deering said that, up to this point, Caltrans has not made additional inquiries or headway on the project.

**5. Information Items**

None.

**6. Directors' Comments**

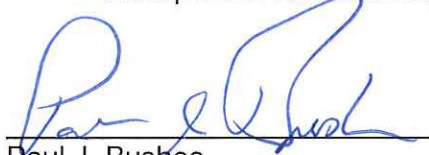
None.

**7. General Manager's Comments**

GM Bushee informed the EC that on Monday, October 5<sup>th</sup>, a 10News film crew was observed in the plaza parking lot taking pictures of the District's campus. He stated that 10News did not contact or notify him why they were photographing the site. GM Bushee informed the EC that 10News on Monday evening reported that Carlsbad residents were complaining about sewer odors along the golf course. He said that the report stated that Carlsbad said the odors were caused by recycled water provided by the Vallecitos Water District for irrigation. There was no mention of LWD in the news report.

**8. Adjournment**

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



Paul J. Bushee,  
Secretary/Manager  
(Seal)