

**LEUCADIA WASTEWATER DISTRICT**  
Minutes of an Engineering Committee Meeting  
July 6, 2016

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A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held on Wednesday, July 6, 2016 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; Acting District Engineer Mike Metts of Dudek; and Jane Costello of Infrastructure Engineering Corporation (IEC).

**3. Public Comment**

None.

**4. New Business**

- A. Authorize the General Manager to execute an agreement with SCW Contracting Corporation for construction services to complete the Village Park No. 5 Pump Station Replacement Project in an amount not to exceed \$780,751.

TSM Morishita presented staff's recommendation noting this item is a Fiscal Year 2017 tactical goal. He continued that previously, as a result of the District's pump stations assessment, Infrastructure Engineering Corporation (IEC) recommended the replacement of the Village Park No. 5 (VP5) Pump Station with a submersible pump station. He explained that the option of rehabilitating the pump station was considered. TSM Morishita continued that after careful consideration it was determined that the advantages of pump station replacement outweighed the additional expense over rehabilitation. He stated that the Board agreed with that approach and in October 2015 authorized project design.

TSM Morishita said that IEC completed the design in May 2016 and the project was advertised for bid with bids due on June 21, 2016. He stated that seven bids were received with Metro Builders and Engineers Group (Metro) submitting the apparent low bid. He continued that the day after bid opening the District received a letter from Metro withdrawing their bid due to a clerical error. TSM Morishita explained that the error was in the bid item for electrical work. He continued that the clerical error occurred when Metro failed to carry through material costs for the Motor Control Center, Sump Pump Termination Panel and other related electrical materials in their bid calculation. TSM Morishita stated that the error resulted in Metro's bid being \$132,250 less than it should have been. He said that the contract documents allow a

bidder to withdraw their bid in writing within five days of the opening of bids if a mistake was made in preparing the bid. He continued that as a result, Metro was allowed to withdrawal their bid, establishing SCW Contracting Corporation (SCW Contracting) as the apparent low bidder.

TSM Morishita stated that the bids were reviewed by IEC and, during the process, it was discovered that SCW Contracting's bid had one issue. He said that the discrepancy was with the bid item for the sewage pumps and motors. TSM Morishita explained that SCW transposed the unit cost & total cost columns on the Bid Schedule. He said that SCW Contracting's total bid correctly reflected the cost for two pumps as specified. He said that legal counsel and IEC consider the error to be a minor irregularity and they recommend this discrepancy be waived.

After discussion, the EC concurred with staff to recommend that the Board authorize executing an agreement with SCW Contracting for construction services to complete the Village Park 5 Pump Station Replacement Project in an amount not to exceed \$780,751.

- B. Authorize the General Manager to execute Task Order No. 27 to the Engineering Design Services Agreement with Infrastructure Engineering Corporation (IEC) for engineering design services for the Gafner Advanced Water Treatment (AWT) Improvement Project in an amount not to exceed \$60,928.

TSM Morishita presented staff's recommendation noting this item is a Fiscal Year 2017 tactical goal. He explained that in April 2016 the Board received and filed the Gafner Condition Assessment Report completed by Infrastructure Engineering Corporation (IEC). He continued that improvements identified in the report for Gafner were focused on improving or maintaining safety items and rehabilitating or replacing critical equipment to keep the plant operating within regulatory parameters.

TSM Morishita stated that the project has transitioned into the design phase. He stated that IEC's design proposal includes the creation of electronic as-built plans from the 1961 hard copy drawings and final design of the prioritized improvements.

After discussion, the EC concurred with staff to recommend that the Board authorize executing Task Order No. 27 with IEC to complete the design for the Gafner Advanced Water Treatment (AWT) Improvement Project in an amount not to exceed \$60,928.

- C. Authorize the General Manager to execute Task Order No. 28 to the Engineering Design Services Agreement with Infrastructure Engineering Corporation (IEC) for engineering design services for the Fiscal Year 2017 (FY17) Gravity Pipeline Rehabilitation Project in an amount not to exceed \$41,305.

TSM Morishita presented staff's recommendation noting this item is a FY17 tactical goal. He explained that this project mirrors gravity pipeline projects completed in previous fiscal years that repaired pipelines and manholes with Rated 3 defects on the District's Repair Priority List. He stated that the FY17 project is anticipated to include the repair or rehabilitation of eight (8) gravity line segments and nine (9) manholes.

TSM Morishita explained that Infrastructure Engineering Corporation (IEC) submitted a project design proposal which includes project management and administration, preliminary engineering assessment, and final design. He explained that Staff has reviewed and discussed the scope of work and proposed fee with IEC and believes that their design proposal is fair and reasonable.

After discussion, the EC concurred with staff to recommend that the Board authorize executing Task Order No. 28 with IEC to complete the design for the FY17 Gravity Pipeline Rehabilitation Project in an amount not to exceed \$41,305.

D. Authorize the General Manager to execute a five year professional services agreement with ADS Environmental Services to provide flow monitoring services in the amount of \$275,442 consisting of the following:

1. A cost of \$67,122 over the first year for mobilization and flow monitoring services.
2. A cost of \$52,080 per year over the subsequent four years for flow monitoring services.

FSSupt Stecker presented staff's recommendation. He said that in October 2007, the Board of Directors approved a contract with ADS Environmental Services (ADS) for the installation of seven District owned flow meters in the District's collection system. He continued that the existing meters are at the end of their useful life, obsolete and their data transmitters will not be supported by the cellular service provider in the near future. FSSupt Stecker explained that the agreement is needed for continued flow monitoring services of the District's collection system.

Director Kulchin asked why the contract renewal included mobilization costs. FSSupt Stecker explained that in the past agreement the District owned the equipment. He continued that in the proposed agreement renewal ADS will provide flow monitoring services to the District and ADS will own, operate and maintain all necessary equipment to provide that service, including equipment replacement as necessary, such as upgrades. FSSupt Stecker stated that, therefore, the District will not be purchasing any equipment saving significant upfront capital costs. He explained that the renewed agreement will save capital and yearly service costs.

After discussion, the EC concurred with staff to recommend that the Board authorize the execution of a five year professional services agreement with ADS for flow monitoring services.

**5. Information Items**

A. Saxony Pump Station Rehabilitation Project

TSM Morishita presented a status update of the Saxony Pump Station Rehabilitation Project. He stated that the Notice of Completion was filed with the San Diego County Clerk on June 21, 2016. TSM Morishita presented the final cost of the project. He stated that five change orders were issued on the project that reduced the contract cost by \$149. He continued that, therefore, the final project cost was \$483,426 which was lower than the original contract amount of \$483,575.

**6. Directors' Comments**

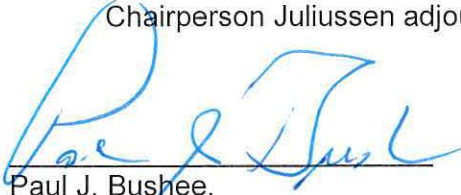
Chairperson Juliussen inquired about the process of periodically soliciting for consulting services such as engineering design and flow monitoring. Staff explained that the process of periodically soliciting services is efficient, cost effective, facilitates team work, promotes accountability and maintains a high level of services by reducing complacency. Chairperson Juliussen was satisfied with the discussion.

**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)