

LEUCADIA WASTEWATER DISTRICT
Minutes of an Engineering Committee Meeting
March 1, 2017

A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held on Wednesday, March 1, 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 Supervisor Marvin Gonzalez; 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 Amendment Number 2 to Task Order Number 31 with Infrastructure Engineering Corporation (IEC) for engineering design services to design a future Recycled Water Pump Station in an amount not to exceed \$53,305.

TSM Morishita presented the staff recommendation. He provided background of the North San Diego Water Reuse Coalition (Coalition). He explained that the Coalition was successful in obtaining California Proposition 84 (Prop 84) grant funding for the North San Diego County Regional Recycled Water Project (RW Project). TSM Morishita continued that the District's portion of the RW Project included the construction of a pump station to pump water produced at the Gafner Advance Water Treatment Facility (Gafner) into a regional recycled water distribution system. He explained that the Prop 84 grant provides \$90,000 for the District to design the pump station. He said this design grant expires in May 2017.

TSM Morishita stated that to justify the expenditure to construct the pump station, the District must have agreements in place to provide recycled water to adjacent water purveyors Carlsbad Municipal Water District (CMWD) and / or Olivenhain Municipal Water District (OMWD). He continued that although the District does not currently have these necessary agreements, staff does not want to miss the opportunity provided by the Prop 84 grant funding and believes it is prudent to develop a preliminary design for a recycled water pump station.

TSM Morishita stated that in January 2017, staff executed Task Order Number 31 with IEC to conduct a Preliminary Design Review (PDR). He continued that as IEC completes the PDR, they will proceed quickly into the design phase. He stated that

Amendment Number 2 to the task order is for pump station design. TSM Morishita said that IEC submitted a proposal for engineering design services that included survey and final design. He said that IEC's proposed fee is \$53,305. TSM Morishita continued that staff believes the proposal is fair and reasonable and recommends that the Board authorize the General Manager to execute the amendment.

After discussion, the EC concurred with staff to recommend that the Board authorize the General Manager to execute Amendment No. 2 to Task Order 31 with IEC for engineering services to design a recycled water pump station.

5. Information Items

A. Tactical Goal Update - Evaluate the Need for a Small Vehicle to Tow the Mini-Jetter for Hydro-Cleaning (verbal)

FSS Gonzalez presented the results of an evaluation to determine the need for a small vehicle to tow the mini-jetter for hydro-cleaning on the Omni La Costa Resort Golf Course. He stated that the evaluation is a 2017 Tactical Goal. He continued that the evaluation was done to improve access to lines in the golf course and reduce the risk of damage to the turf and getting the equipment stuck on the course. FSS Gonzalez stated that the mini-jetter weighs 4,900 pounds when the tanks are full. Three small utility (all-terrain type) vehicles were evaluated and none of the vehicles meet the 4,900 pound towing capacity.

FSS Gonzalez stated that as a result of the evaluation, staff recommends that when the current chase vehicle is replaced, the replacement vehicle be a four wheel drive truck. He continued that the vehicle will have the necessary towing capacity and traction to reduce the risks involved with working on the golf course. He said that this approach will not increase the number of vehicles in the District's Fleet. FSS Gonzalez said that when staff determines that the chase vehicle needs replacement, funds will be included for the purchase of the replacement truck in the fiscal year budget.

Chairperson Juliussen and Director Kulchin asked why not replace the vehicle now. FSS Gonzalez answered that although the current chase truck meets the District's criteria for replacement, it is still in good operational condition and does not require replacement. FSS Gonzalez continued that however, staff will further evaluate the condition of the chase truck and its need for replacement.

The EC thanked FSS Gonzalez for the evaluation.

6. Director's Comments

Director Kulchin stated that staff did a good job on their presentation during the Board Strategic Planning Workshop and that he appreciated the effort.

Chairperson Juliussen asked how the collection system responded to the rain throughout the day on Monday, February 27th. FSS Gonzalez answered that Vactor trucks were used to assist with the inflow at Diana Pump Station. He continued that Batiquitos and Leucadia Pump Stations overflowed into their respective overflow basins. FSS Gonzalez said that the Batiquitos Force Mains, B2 and B3, were in simultaneous operation and three of the four pumps were on line at Batiquitos Pump Station to deal with the increased flow. FSS Gonzalez stated that overall, the collection system responded well and, more importantly,


no sewer system overflow occurred.

7. General Manager's Comments

None.

8. Adjournment

Chairperson Juliussen adjourned the meeting at approximately 9:05 a.m.



Paul J. Bushee,
Secretary/Manager
(Seal)