

LEUCADIA WASTEWATER DISTRICT
 Minutes of an Engineering Committee Meeting
 May 4, 2016

A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held on Wednesday, May 4, 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; 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 Nu Line Technologies Incorporated for construction services to complete the 2016 Gravity Pipeline Rehabilitation Project in an amount not to exceed \$240,000.

TSM Morishita presented staff's recommendation noting this item is a FY 2016 tactical goal. He reminded the EC that this item was reviewed and discussed at the April EC meeting.

TSM Morishita summarized that bids were due on March 29, 2016 and that two bids were received. He stated that Insituform Technologies (Insituform) was the apparent low bidder. However, the bid evaluation conducted by Infrastructure Engineering Corporation (IEC) uncovered three bid discrepancies which rendered the Insituform bid nonresponsive. TSM Morishita said that the bid submitted by the second bidder, NU Line Technologies (Nu Line), was evaluated as a responsive bid. Therefore, staff recommended that the contract be awarded to Nu Line as the lowest responsive and responsible bidder in an amount not to exceed \$240,000.

TSM Morishita stated that the day after the April 6th EC meeting, staff received a protest letter from Insituform. He noted that Insituform was notified in writing of their nonresponsive bid on April 4th and given 48 hours to respond, therefore, their protest letter was submitted late. TSM Morishita continued that staff believed it was prudent to allow the bid protest process to run its course and removed this item from the May 2016 Board Agenda.

TSM Morishita said that on April 14th staff responded in writing to Insituform's bid

protest. He said that Insituform was informed that their protest was denied and provided explanations for the denial. He continued that Insituform was informed in accordance with the bid protest procedures, they had 10 days to file an appeal to the Board. TSM Morishita stated that Insituform did not file an appeal.

After discussion, the EC concurred with staff to recommend that the Board authorize executing an Agreement with Nu Line for construction services for the 2016 Gravity Pipeline Rehabilitation Project in an amount not to exceed \$240,000.

B. Receive and file the Gafner AWT Condition Assessment Report completed by Infrastructure Engineering Corporation.

TSM Morishita presented staff's recommendation noting this item is a FY 2016 tactical goal. He said that Gafner was last upgraded in 1993 to meet recycled water regulatory standards and has not undergone a major rehabilitation or equipment replacement since then. He continued that the Asset Management Plan recommended that a Gafner condition assessment be performed to identify plant rehabilitation or replacement projects for the Capital Improvement Program. TSM Morishita said that in December 2015 staff executed a task order with Infrastructure Engineering Corporation (IEC) to conduct the assessment.

TSM Morishita explained that the assessment team consisted of personnel from the District, IEC and IEC subcontractors. He then asked Jamie Fagnant from IEC to present the report.

Ms. Fagnant stated that IEC collected pre-inspection input from District staff, conducted onsite visits and met with staff to review and prioritize their findings. She said that staff's priority was safety, critical items required for continued plant operation and routine rehabilitation or replacement. Ms. Fagnant said that staff established the priority criteria to keep cost reasonable. She explained that staff focused on plant safety and operating the plant within regulatory parameters.

Ms. Fagnant stated that as a result of the prioritization, the Gafner plant Improvements I Project was recommended at an estimated construction cost of \$368,000. GM Bushee said that staff will request appropriation for this project in the Fiscal Year 2017 Budget.

After discussion, the EC concurred with staff to recommend that the Board receive and file the report at the May 2016 Board meeting.

C. Authorize staff to coordinate with SANDAG and pay for the construction of extensions to the casings for the Lanikai Gravity Line and Secondary Effluent Force Main (B1) at the Carlsbad Poinsettia Train Station. Additionally, authorize staff to proceed with plans to design and construct an encased parallel gravity line at the Carlsbad Poinsettia Train Station.

TSM Morishita presented the background of this item. He said that recently, representatives from North County Transit District (NCTD) and San Diego Association of Governments (SANDAG) met with District staff to discuss improvements to the Carlsbad Poinsettia Train Station (Poinsettia Project). He continued that the Poinsettia Project will construct an underground pedestrian

tunnel to connect the east and west pedestrian platforms. TSM Morishita explained that the project requires shifting the two railroad tracks to the west and this shifting of the tracks requires the District to extend the protective casings around two District lines that run under the railroad tracks adjacent to the station.

TSM Morishita stated that the construction of the Poinsettia Project presents a unique opportunity for construction of a parallel gravity line under the railroad tracks. He said that SANDAG confirmed that the construction of the parallel line within the Poinsettia Project area is covered under the project's permits. He stated that SANDAG/NCTD agreed to allow the construction, only within the NCTD right-of-way (ROW), as long as the construction of the new line does not delay or conflict with the Poinsettia Project.

TSM Morishita said that staff requested a proposal from TYLI, SANDAG's design engineer, to design the extension of the two casings and the new encased parallel line to streamline project design. He said that SANDAG agreed to add the construction of the new parallel line as an additive bid item in the Poinsettia Project bid. TSM Morishita explained that this will enable the removal of the parallel line construction project if the District decides not to go forward. He stated that District staff contacted the City of Carlsbad staff to discuss the permitting requirements outside the railroad right of way. TSM Morishita said that Carlsbad staff has granted a CDP waiver for the parallel line construction. He continued that staff met with City of Encinitas staff and they have agreed in principal to installing a new parallel line. However, it will require City Council approval.

DE Deering presented the preliminary design of the encasements and a preliminary alignment for the new parallel line. He said that TYLI will use this preliminary alignment for the parallel line to complete full project design. DE Deering explained that the Lanikai Line represents a weak point in the District's collection system especially in the area of the train tracks. He continued that in the event of a failure, there is no easy way to by-pass flow across the tracks and repairs to the pipeline would likely take several days to fix at a considerable cost. He showed the EC pictures of the Poinsettia Project area.

After discussion, the EC concurred with staff to recommend this item to the Board for authorization at the May 2016 Board meeting.

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 all work has been completed with the exception of the installation of the flow meter. He stated that TC Construction is scheduled to install the flow meter today, May 4th.

6. Directors' Comments

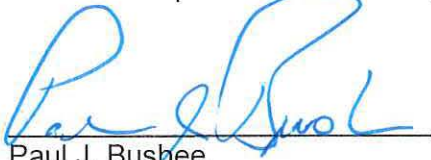
Director Kulchin requested a tour of Gafner AWT on May 9th. GM Bushee answered that the tour will be arranged.

7. General Manager's Comments

GM Bushee mentioned that several tours have been or will be given of Leucadia Pump Station and Gafner; April 19th - Students from Mission Estancia, Olivenhain Pioneer and Flora Vista Schools; April 28th – Palomar College; and May 9th Pacific Ridge School.

8. Adjournment

Chairperson Julissen adjourned the meeting at approximately 9:25 a.m.



Paul J. Bushee,
Secretary/Manager
(Seal)