

LEUCADIA WASTEWATER DISTRICT
Minutes of an Engineering Committee Meeting
February 3, 2021

A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held on Wednesday, February 3, 2021 at 9:00 a.m., via video conference.

1. Call to Order

Chairperson Juliussen called the meeting to order at 9:00 a.m.

2. Roll Call

DIRECTORS PRESENT: Juliussen, Omsted

DIRECTORS ABSENT: None

OTHERS PRESENT: General Manager Paul Bushee; Technical Services Manager Robin Morishita; Field Services Superintendent Jeffery Stecker; Field Services Supervisor Marvin Gonzalez; Field Services Specialist Ian Riffel; District Engineer Dexter Wilson and Administrative Specialist Mark Brechbiel

3. Public Comment

None.

4. New Business

- A. Authorize the General Manager to execute an Agreement with Nu Line Technologies, LLC for construction services to complete the Fiscal Year 2021 Cured-in-Place Pipe Lining Project in an amount not to exceed \$342,806.

FSSpc Riffel presented the item. He stated that this is a Tactical Goal for Fiscal Year 2021 (FY21) and the ultimate goal of the project is to repair and/or replace pipeline segments and manholes that have been determined to be of a defect "Rating 3." These defects will require the Cured-In-Place Pipe (CIPP) lining method of repair.

He noted that IEC completed the design for the project in November 2020 with an estimated cost of \$540,000. The District subsequently published a Notice Inviting Bids on December 9, 2020. Bids were due January 12, 2021 and project award is anticipated at the February 10, 2021 Board Meeting.

FSSpc Riffel stated that the District received one bid; that of Nu Line Technologies, LLC in amount of \$342,806 which is nearly \$200,000 under the Engineer's estimate. He stated that the project consists of lining many easement lines which may have contributed to the lack of bids received. However, IEC and staff recommend the project be awarded to Nu Line Technologies, LLC as the lowest responsive and responsible bidder.

Chairperson Juliussen asked if Nu Line was aware of the easement work required. FSSpc Riffel replied affirmatively. He stated that Nu Line is a local company that is familiar with the District's service area and has completed three District projects which contributed to their aggressive bid.

Following discussion, the EC concurred with staff to recommend to the Board of Directors to authorize the General Manager to execute an agreement with Nu Line

Technologies, LLC for construction services to complete the FY21 CIPP Lining Project in an amount not to exceed \$342,806.

- B. Recommendation 1: Authorize the General Manager to execute a Purchase Agreement with Plumber's Depot for the purchase of a new Easement Machine with trailer in an amount not to exceed \$53,034.55.

Recommendation 2: Authorize a transfer of \$54,000 in capital funds from the Capital Program Orchard Wood Road Sewer Rehabilitation account, 50-51-0365-6499, to the Capital Acquisitions Sewer Maintenance Equipment account, 50-99-0000-6350.

FSsup Gonzalez presented the item. He began by reminding the EC that the Orchard Wood Road Pipeline Replacement Project had been canceled due to the estimated high construction cost and instead Field Staff will continue to maintain the sagged pipeline on a 3-month cycle.

FSsup Gonzalez stated that access to properly hydro-clean the pipelines by Vactor Combination truck in the Orchard Wood easement area is very difficult. To perform line cleaning in the easements, two lengths of hose need to be connected together. The 1200 foot-long hose then needs to be manually transported to each manhole. An easement machine would make line cleaning more efficient by mechanically transporting the hose to the manholes for line cleaning.

FSsup Gonzalez continued by stating that staff requested quotes for an Easement Machine from 4 vendors and 5 were received. Plumbers Depot returned the lowest bid at \$53,034.55. He also stated that within the request for quotes, staff specified an Easement Machine that operates with wheels rather than tracks to allow the use of the Easement Machine on the Omni La Costa Resort property to prevent damage to the resort's turf areas.

Chairperson Juliussen asked if the Orchard Wood Project is permanently cancelled. FSsup Gonzalez responded affirmatively.

President Omsted asked if that means that the project will remain in the budget. TSM Morishita replied that it would remain in the FY21 budget. However, it would be removed from subsequent budgets.

FSsup Gonzalez then went on to mention that the procurement of the Easement Machine was not included in the FY21 budget. He stated that staff is requesting the Board's approval to transfer \$54,000 from the cancelled Orchard Wood Road Pipeline Rehabilitation Project account (\$436K budgeted), to the Capital Acquisitions Sewer Maintenance Equipment account to fund the procurement.

Following discussion, the EC concurred with staff to authorize the General Manager to execute a purchase agreement with Plumber's Depot for the purchase of a new Easement Machine with trailer in an amount not to exceed \$53,806.55.

In addition, the EC concurred with staff to present to the Board of Directors the proposal to authorize the transfer of \$54,000 from the Capital Program Orchard Wood Road Sewer Rehabilitation account to the Capital Acquisitions Sewer Maintenance account.

5. Information Items

A. Development Projects Summary

FSSpc Riffel discussed the development projects summary with the EC. He stated that a spreadsheet has been developed to display development projects within the District that are greater than 5 EDUs.

He continued that most notably, just south of the new Encinitas Beach Hotel a project is in development that will require 100 EDUs.

President Omsted asked if the roundabout project on Leucadia Boulevard would cause issues with the District's collection system. FSSpc Riffel replied that there are no sewer conflicts as there are no manholes in that area. He explained that the main concern for that particular project was that no trees were to be planted above the sewer lines.

President Omsted then questioned the "utility conflict" for the Jason Street Project. FSSpc Riffel explained that it is a city utilities conflict, not a sewer conflict.

FSSpc Riffel then stated, for clarification from a previous meeting, that the Fox Point Project near Quail Gardens in Encinitas mentioned at the January EC meeting does not fall under District purview. It belongs to the City of Encinitas Wastewater Division.

Chairperson Juliussen asked if that project, because of its size, would affect the flow/capacity into Encina. GM Bushee answered that Encina has sufficient treatment capacity to accommodate the project.

B. Leucadia Pump Station Rehabilitation Project Update

TSM Morishita presented an update to the Leucadia Pump Station Rehabilitation Project. As a reminder he began by showing an overhead image of the LWD grounds where the project is taking place.

He then stated that the odor control facility side stream piping portion of the project is still taking place. He also presented images that showed the construction of the brick wall that will be surrounding the odor control facility. In addition, he described the location and showed the construction of the new trash bin enclosure.

TSM Morishita continued that the permanently installed Emergency Submersible Pump in the Emergency Basin needed to be raised by 7 inches off the basin floor in order for the pump to work correctly. He then showed images of the modification inside the emergency basin and stated that a coating was put on the footings for the pump and pipe support in order to prevent corrosion. He reported that the modification has been completed.

He went on to explain the bypass plan, how it was tested, and that we are now fully bypassing the pump station to continue project construction.

President Omsted stated that he would like to see the odor control portion of the project added to the February Board Agenda so that the Board will be aware of the facility because it can be viewed by the general public. GM Bushee replied that this can be done.

President Omsted then asked the dimensions of the Emergency Basin, as it looks very large. DE Wilson and TSM Morishita stated that it is approximately 20 feet deep, 40 feet wide and 70 feet long.

C. FY20 Gravity Sewer Repair / Quebrada Realignment Project Update

FSSpc Riffel presented an update to the FY20 Gravity Sewer repair list. He started by providing a background of the project. He continued by stating that 12 of the 20 items have been completed, 8 items are in process and he will focus his report on the work done on the Quebrada Circle pipeline realignment.

He stated that the Quebrada line is approximately 600 feet long and is buried at approximately 18 feet deep. He stated that the new manhole at the furthest west end of the line needed to be moved 5 feet south which subsequently tightened the pipeline's curve radius which caused it to exceed the maximum allowed in the District's Standard Specifications. Therefore, a new manhole was added to the project to eliminate the curve.

FSSpc Riffel displayed images of the new manhole being constructed. He stated that the base of the manhole is formed by hand and then the prefabricated manhole stacking rings are added on top of that until grade level is reached.

6. Directors' Comments

Chairperson Juliussen commended staff on all their hard work.

7. General Manager's Comments

GM Bushee provided a COVID-19 update regarding District staff.

GM Bushee then presented the new smoke testing video created by the District's public outreach team, Rising Tide Partners. The EC had positive comments regarding the video.

8. Adjournment

President Juliussen adjourned the meeting at approximately 9:56 a.m.



Paul J. Bushee,
Secretary/Manager
(Seal)