

LEUCADIA WASTEWATER DISTRICT
 Minutes of an Engineering Committee Meeting
 April 5, 2022

A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held on Tuesday, April 5, 2022 at 9:30 a.m. via video conference.

1. Call to Order

Chairperson Roesink called the meeting to order at 9:30 a.m.

2. Roll Call

DIRECTORS PRESENT: Roesink, Brown

DIRECTORS ABSENT: None

OTHERS PRESENT: General Manager Paul Bushee; Director of Technical Services Robin Morishita; Field Services Superintendent Jeffery Stecker; Field Services Supervisor Marvin Gonzalez; District Engineer Dexter Wilson; Kathleen Heitt from Dexter Wilson Engineering Inc. (DWEI); and Michael Fisher and Tim Lewis from Waterworks Engineers, LLC

3. Public Comment

None.

4. New Business

A. Adopt Resolution No. 2368 revising Leucadia Wastewater District's Standard Specifications and Procedures for Wastewater Facility Projects.

Kathleen Heitt from DWEI presented this item to the EC. She provided background on the District's Standard Specifications and Procedures for Wastewater Facility Projects (Standard Spec). Ms. Heitt explained that the 2021 update of Greenbook (Standard Specifications for Public Work Construction) and recommended updates to the Standard Notes and Standard Drawings were contributing factors to this update. She continued that additionally, maintaining up-to-date Design and Performance Provisions are a mandated element of the District's Sewer System Management Plan.

Ms. Heitt reviewed a list of the principle changes and updates to the Standard Spec which includes private pump station capacity, manhole lining, and Micro Enterprise Home Kitchen Operations (MEHKOs).

Chairperson Roesink asked about available manhole lining alternatives and what type of lining is the District currently using? Ms. Heitt answered that alternatives such as epoxy coating and High Density Poly Ethylene (HDPE) liners are available substitutes. Staff also mentioned that the District currently uses cured-in-place manhole liners (CIPML) and spray on ravine epoxy liners that have worked extremely well.

Director Brown asked about the requirement for MEHKOs. Ms. Heitt explained the permitting process through the County of San Diego. She also stated the intention of the District is to include the implementation of best management practices to reduce the impact to the District's and resident's sewer system by fats, oils and grease (FOG) that could be generated by MEHKOs.

Chairperson Roesink asked if the permit application to the County was voluntary or required. Staff answered that applying for a MEHKO permit was voluntary.

Director Brown stated that upon his review of the Standard Spec he was curious to know how many developments in the District's service area that were over 50 parcels and required a preliminary sewer study? Ms. Heitt and DE Wilson answered that recently there were two or three developments of that size that required the completion of a sewer study.

Following discussion, the EC concurred with staff to recommend that the Board of Directors adopt Resolution No. 2368 revising the District's Standard Specs.

B. Authorize the General Manager to execute an as-needed Engineering Design Services contract with Waterworks Engineers, LLC.

DTS Morishita presented this item to the EC. He provided background on the need for and scope of the design engineering services. He continued that the core services are project design, bidding assistance and office engineering during construction. DTS Morishita stated that the Request for Proposals (RFP) was distributed in November 2021 and produced an inadequate response of two proposals. He continued that due to receiving only two proposals the RFP was reissued in January 2022. He stated that in February 2022, six proposals were received.

DTS Morishita said that the proposals were evaluated by a five person selection panel. He continued that as a result of the evaluation two firms were invited to attend an interview with the panel. He said that based on the interviews the panel selected Waterworks Engineers, LLC. DTS Morishita stated that the reference check substantiated the panel's choice.

Chairperson Roesink asked if Waterworks' Office was located in San Diego. Michael Fisher from Waterworks answered that they have several offices throughout California and Arizona. He continued that there are four people in their San Diego office and seven people in their Los Angeles office. Tim Lewis from Waterworks stated that he is in the San Diego office and that he will respond to any local requirements.

Director Brown asked DE Wilson what were Waterworks' strengths that resulted in their selection. DE Wilson stated that they were innovative, matched the District's size, have high technical expertise and are motivated to build clientele in San Diego. GM Bushee added that Waterworks strives to interact with field staff during project design and had innovative solutions in referenced projects that reduced capital costs.

Following discussion, the EC concurred with staff to recommend that the Board of Directors authorize the GM Bushee to execute an engineering services contract with Waterworks Engineers.

5. Information Items

A. Development Projects Summary

DTS Morishita presented this item to the EC for comments and questions. Chairperson Roesink and Director Brown both asked for additional information to be included within the summary. DE Wilson's staff will modify the project summary report accordingly.

B. Encinitas Estates Pump Station Replacement Project Update

DTS Morishita presented this item to the EC. He reviewed the project location, layout and design. He described in detail the installation of electrical conduit and wiring; installation of the Motor Control Center and Natural Gas Emergency Generator; construction of the pump station floor, side walk, curb and gutter; and installation of the sliding gate. DTS Morishita continued to explain the completion of the valve vault and wet well construction, including pump installation.

Chairperson Roesink asked if the wet well was locked to prevent intrusion and vandalism. Staff answered that the wet well hatch was locked.

Directors Roesink and Brown asked about operating noise pollution from the pump station. Staff answered that the Emergency Generator is critically silenced, a natural gas engine runs quieter than a diesel or gasoline engine and the pumps are submersed in water attenuating pump noise.

6. Directors' Comments

None.

7. General Manager's Comments

None.

8. Adjournment

Chairperson Roesink adjourned the meeting at approximately 10:54 a.m.



Paul J. Bushee,
Secretary/Manager
(Seal)