

LEUCADIA WASTEWATER DISTRICT
Minutes of an Engineering Committee Meeting
October 3, 2014

A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held on Wednesday, October 3 at 12:00 p.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 12:00 p.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; and Field Services Supervisor Marvin Gonzalez

3. Public Comment

None.

4. Old Business

None.

5. New Business

- A. Authorize the General Manager to execute a sole source Agreement with Laguna Mountain Environmental, Incorporated for archaeological and Native American monitoring services during the construction of the Batiquitos (B1/B2) Force Mains Replacement Project in an amount not to exceed \$85,950.

TSM Morishita presented staff's recommendation. He said that the District's Batiquitos (B1/B2) Force Mains Replacement Project requires archaeological and Native American Monitoring (cultural monitoring) support during construction to satisfy the parameters of the project's Mitigated Negative Declaration (MND) and Mitigation, Monitoring and Reporting Plan (MMRP).

Chairperson Juliussen asked if the monitors are required to be onsite through the entire construction period. TSM Morishita answered that the monitors will be present only when construction occurs in the areas that were identified as possible culturally significant areas in the Cultural Resources Survey Report in the Initial Study - Mitigated Negative Declaration.

After discussion, the EC concurred with staff to recommend this item to the Board for approval at the October 2014 Board meeting.

- B. Authorize the General Manager to execute a sole source Agreement for professional services with Base9 Consulting Services to replace Programmable Logic Controllers for Leucadia Pump Station and the Gafner Water Reclamation Plant in an amount not to exceed \$103,600.

FSSupt Stecker presented staff's recommendation. He said that the ongoing rehabilitation of the District's pump stations has prompted the evaluation of the overall condition and architecture of the Supervisory Control and Data Acquisition (SCADA) system. FSSupt Stecker explained that in the past, a formal planned replacement program was not established for SCADA. He said that typically SCADA system hardware has been operated in the "run to failure" mode where system hardware is replaced only after it fails. He also said that support for the current SCADA software has been inadequate. He stated that staff asked Rockwell Construction Services (RCS) to evaluate the District's SCADA System which was completed in March 2013.

TSM Morishita commented that the current SCADA components are from different manufacturers requiring translators for effective system communications and that system components should be from the same manufacturer for simplicity and reliability.

FSSupt Stecker said that as a result of the evaluation, it was recommended that SCADA be upgraded in phases. He said that Phase One, the upgrade of the Central SCADA Station (Central), was completed in FY 14. He explained that Phase Two, is the replacement of the Programmable Logic Controllers (PLC) located at the Leucadia Pump Station and Gafner Advanced Water Treatment Plant.

FSSupt Stecker stated that Base9 Consulting Services (BNC) worked closely with RCS during the 2013 SCADA and PLC evaluation and the recently completed Central SCADA upgrade project. He said that Base9 Consulting Services (BNC) submitted a proposal to provide professional services to complete the project at a cost of \$103,600.

FSSupt Stecker stated that retaining BNC services to implement the second phase of the SCADA Upgrade project will provide continuity and efficiency and is in the best interest of the District. He said that the procurement of BNC consulting services satisfies the criteria for sole sourcing allowed under Section 11.1, Sole Source Procurement, and continuity of service under Section 12.4, Continuing Services, of the District's Procurement Policy.

FSSupt Stecker said that staff has evaluated the proposal and determined that it is fair and reasonable and recommended that a sole source Agreement be executed with BNC for services for the PLC Upgrade Project.

After discussion, the EC concurred with staff to recommend this item to the Board for approval at the October 2014 Board meeting

6. Information Items

A. Recycled Water Pipeline Repair Project Status

TSM Morishita presented this item to the committee. He described the Polyvinyl Chloride Pipe (PVC) welding process and horizontal directional drilling equipment used to construct the project. TSM Morishita said that major work on the project was completed on Friday, September 26th and the District resumed recycled water delivery to La Costa that day. He said that all construction work and site clean-up was completed on Tuesday, September 30th. He stated that the only remaining task is administrative close-out of the project.

7. Director's Comments

Chairperson Juliussen said that he attended the Tri-State Conference and was glad to see District staff at the conference.

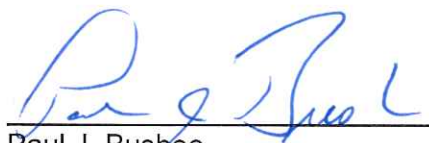
8. General Manager's Comments

GM Bushee informed the EC that the District experienced a five hour power outage on Wednesday, September 24th, at the Leucadia Pump Station. He said that FST III Gabriel Mendez, who was the acting Field Services Supervisor, and FST I Todd Amos did a superior job handling the emergency.

GM Bushee showed the EC the District's Facebook Page.

9. Adjournment

Chairperson Juliussen adjourned the meeting at approximately 12:45 p.m.



Paul J. Bushee,
Secretary/Manager
(Seal)