

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

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A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held on Wednesday, September 3 at 1:30 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 1:30 p.m.

**2. Roll Call**

DIRECTORS PRESENT: Juliussen and Kulchin

DIRECTORS ABSENT: None

OTHERS PRESENT: General Manager Paul Bushee; Administrative Services Manager Chuck LeMay; Technical Services Manager Robin Morishita; Field Services Superintendent Jeffery Stecker; Field Services Supervisor Marvin Gonzalez; Field Services Technician II Gabriel Mendez; District Counsel Wayne Brechtel; Tomer Gutman from Worden Williams APC; District Engineer Steve Deering; Robert Weber and Jamie Fagnant from Infrastructure Engineering Corporation; Dominic Burtech and Frank Durazo from Burtech Pipeline; Scott Miller and Sam Wathen from SC Valley Engineering

**3. Public Comment**

None.

**4. New Business**

- A. Authorize the General Manager to execute an Agreement with Burtech Pipeline, Incorporated for the construction of the Batiquitos (B1/B2) Force Mains Replacement Project in an amount not to exceed \$4,590,000 as the lowest responsive and responsible bidder.

TSM Morishita presented staff's recommendation. He said that after the adoption of the environmental documents and approval of the project alignment, Infrastructure Engineering Corporation (IEC) completed the B1/B2 Force Mains Replacement Project design in July. TSM Morishita stated that the project was advertised for bids on July 28<sup>th</sup> with bids due on August 26, 2014. He said four bids were received in response to the solicitation with Burtech Pipeline Incorporated (Burtech) submitting the lowest bid of \$4,590,000. He went on to say that the bids were reviewed by IEC. TSM Morishita said that based on that review, IEC recommended that Burtech be awarded the contract as the lowest responsive and responsible bidder. He said that the bid price of \$4,590,000 is approximately 16% less than the \$5,480,200 estimated construction cost.

TSM Morishita said that on August 28<sup>th</sup> SC Valley Engineering (SCV) submitted a bid protest letter. Representatives from Burtech and SCV were present at the meeting.

DC Brechtel stated that staff will evaluate and respond to the bid protest. He continued to say that the EC can still consider the award recommendation and that the

recommendation would be contingent upon the resolution of the protest. DC Brechtel said that, based on the information he has obtained, the basis of SCV's protest has little merit.

The representatives from Burtech and SCV were given the opportunity to express their views. Sam Wathen from SCV stated that Burtech's bid was fraudulent because Burtech did not have the experience or qualified personnel in house to perform the Cured-in-Place Pipe (CIPP) lining portion of the project and did not list a subcontractor.

Dominic Burtech responded that six months ago they had hired three people from Repipe, a CIPP contractor, that have significant experience in installing CIPP lining. He stated they hired these individuals to expand the CIPP division of their company.

After discussion, the EC concurred with staff to recommend the award of the B1/B2 Force Mains Replacement construction contract to Burtech to the Board for approval at the September 2014 Board meeting.

- B. Authorize the General Manager to execute Amendment No. 2 to Task Order No. 18 with Infrastructure Engineering Corporation for additional design and environmental review services for the Batiquitos (B1/B2) Force Mains Replacement Project in an amount not to exceed \$88,739.

TSM Morishita presented staff's recommendation. He said that Infrastructure Engineering Corporation (IEC) provided engineering design services for the Batiquitos (B1/B2) Force Mains Replacement Project. He stated that as the design progressed, the project transformed from a simple force main replacement in the current alignment to a full force main realignment. TSM Morishita said that the alignment change triggered an associated environmental evaluation resulting in a Mitigated Negative Declaration (MND) and a Mitigation, Monitoring and Reporting Program (MMRP) for project construction. He said that during the project transformation, IEC provided additional design services including:

- analyzed available alternatives for the B2 Sewer Force Main through the Carlsbad Hilton area;
- coordinated and met with City of Carlsbad staff regarding project alignment and environmental requirements;
- designed the realignment of approximately 5,700 feet of the B2 force main;
- incorporated replacement of the B1 secondary effluent force main into the project;
- incorporated multiple alignments into the MND and provided additional biological and cultural reconnaissance for these alternative alignments.

TSM Morishita stated that due to the urgency to complete project design in order to commence construction by November 2014 to satisfy the Agreement with the owners of Hilton Carlsbad Oceanfront Resort & Spa, IEC was asked to provide these services and submit the amendment request at the end of the design phase to fully account for the additional effort and present actual rather than projected costs.

TSM Morishita said that IEC completed the design phase and submitted the amendment request. He said that staff has evaluated the amendment request and determined that it is fair and reasonable.

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

- C. Authorize the General Manager to execute sole source Agreement with Richard Stinson Construction Management for construction management services during the construction of the Batiquitos (B1/B2) Force Mains Replacement Project in an amount not to exceed \$110,000.

TSM Morishita presented staff's recommendation. He said that the Batiquitos (B1/B2) Force Mains Replacement Project requires construction management support to oversee construction of the project. He stated that Richard Stinson has a proven track record of providing excellent construction management (CM) services to the District. TSM Morishita said that Mr. Stinson has provided CM services for every collection system construction project undertaken by the District since 2003. He said that Mr. Stinson submitted a proposal to provide CM services in an amount not to exceed \$110,000, an estimated 1100 hours at \$100 per hour. He said that staff believes this fee is fair and reasonable. Director Juliussen stated that he agreed with staff's assessment of the fee.

TSM Morishita said that Mr. Stinson has consistently provided outstanding CM services on previous District projects and possesses in depth knowledge of the District's collection system and operations. TSM Morishita explained that Mr. Stinson performed constructability reviews of the B1/B2 Force Mains Replacement project during the project's design phase and, therefore, has thorough knowledge of the project's plans and specifications. TSM Morishita said that retaining Mr. Stinson for CM services during construction will provide continuity, efficiency and is in the best interest of the District. TSM Morishita stated that for these reasons, the procurement of these CM 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.

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

- D. Authorize the General Manager to execute a sole source Agreement with Southern California Soils and Testing, Incorporated for geotechnical services during the construction of the Batiquitos (B1/B2) Force Mains Replacement Project in an amount not to exceed \$49,555.

TSM Morishita presented staff's recommendation. He said that the Batiquitos (B1/B2) Force Mains Replacement Project requires geotechnical (geotech) support during construction of the project. He stated that Southern California Soils & Testing, Inc. (SCS&T) has a proven track record of providing excellent geotech services to the District. TSM Morishita explained that SCS&T has provided geotech services for every collection system construction project undertaken by the District since 2009. He said that SCS&T submitted a proposal to provide geotech services in an amount not to exceed \$49,555. He continued that staff believes this fee is fair and reasonable.

TSM Morishita explained that SCS&T has consistently provided outstanding geotech services on previous District projects. He went on to say that SCS&T has an outstanding working relationship with the project team, specifically, the project's Construction Manager Mr. Richard Stinson. TSM Morishita said that retaining SCS&T's geotech services during construction will efficiently provide demonstrated responsive and professional geotech services and is in the best interest of the District. He said based on these reasons the procurement of the geotech services satisfies the criteria for sole sourcing allowed under Section 11.1, Sole Source Procurement, of the District's Procurement Policy.

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

**5. Information Items**

A. Recycled Water Pipeline Repair Project Status

TSM Morishita presented this item. He said the pre-construction meeting was held on August 28, 2014. TSM Morishita stated that the Notice to Proceed was issued on August 28<sup>th</sup> with a commencement of work date of September 2<sup>nd</sup> and contract completion date of December 1, 2014. He said that the work on the La Costa south course is required, by contract, to be done between September 12 and October 3, 2014.

B. 2903 Candil Place Spill Report

FSS Gonzalez reported on the spill that occurred on July 13, 2014 at 2903 Candil Place in Carlsbad. He showed the EC where the spill occurred and gave the time line of events. FSS Gonzalez showed how the spill impacted the property and the cleanup process performed by the staff. FSS Gonzalez also showed the EC how a root plug cleared from a private lateral was the probable cause of the spill.

C. Computerized Maintenance Management System (CMMS) presentation

FST II Mendez presented an overview of the new CMMS system to the EC. He showed the EC the Toughbook computer tablet used by the staff and compared it to the paper maps and work orders the tablet replaced. FST II Mendez showed screen shots of Toughbook displays and explained their usefulness. He said the new system has improved the efficiency and effectiveness of the field services staff.

**6. Director's Comments**

Director Juliussen stated that with the recent high surf that occurred along the coast he remains concerned about disaster preparedness. TSM Morishita stated that a consultant will be brought in to provide disaster preparedness evaluation and planning services for the District. GM Bushee noted that this item is a goal in the Fiscal Year 2015 Tactics and Action Plan.

**7. General Manager's Comments**

None.

**8. Adjournment**

Chairperson Juliussen adjourned the meeting at approximately 2:40 p.m.



Paul J. Bushee,  
Secretary/Manager  
(Seal)