

AGENDA

**ENGINEERING COMMITTEE MEETING
LEUCADIA WASTEWATER DISTRICT**
Wednesday, August 3, 2016 – 8:30 a.m.
1960 La Costa Avenue, Carlsbad, CA 92009

- 1. Call to Order**
- 2. Roll Call**
- 3. Public Comment**
- 4. New Business**
 - A. Authorize the General Manager to execute a purchase Agreement with Cues Equipment Company for the purchase of a new Closed Circuit Television (CCTV) Van in an amount not to exceed \$199,762. (Pages 2 - 3)
- 5. Information Items**
- 6. Director's Comments**
- 7. General Manager's Comments**
- 8. Adjournment**

MEMORANDUM

Ref: 17-5111

DATE: July 27, 2016

TO: Engineering Committee

FROM: Paul J. Bushee, General Manager *PJB for PJB*

SUBJECT: Award of a Purchase Agreement to Cues Equipment Company for a New Closed Circuit Television (CCTV) Van

RECOMMENDATION:

Staff requests that the Engineering Committee recommend that the Board of Directors:

1. Authorize the General Manager to execute a purchase Agreement with Cues Equipment Company for the purchase of a new Closed Circuit Television (CCTV) Van in an amount not to exceed \$199,762.
2. Discuss and take other action as appropriate.

DISCUSSION:

Tactical Goal: Services / Purchase New CCTV Van

In 2012 Field Service Staff shifted its focus for collection systems maintenance from hydro-cleaning to concentrating more on Closed Circuit Television (CCTV) inspections. To facilitate this change, the Board approved the purchase of a new CCTV Truck in March 2012. This added a second CCTV Inspection vehicle to the District's fleet. The CCTV Van, purchased in 2000, was kept in service in 2012 due to its low mileage and overall good operating condition. This enabled staff to significantly improve the quantity and quality of CCTV inspections of the collection system resulting in a substantial reduction of Sewer System Overflows (SSOs) as shown in the following chart.

Period	Number of Gravity Line SSOs
2012 to 2016	3
2008 to 2011	8

The increase in CCTV inspections has helped identify major defects in the collection system enabling staff to replace or repair these defects in a timely manner. To date staff has identified and corrected over 77 gravity line segments, further preventing sanitary sewer overflows and improving the integrity and reliability of the collection system.

To maintain this level of CCTV inspection staff is requesting replacement of the CCTV Van. Staff requests that the replacement vehicle be a van instead of a truck because vehicle size is crucial since it allows inspections in areas where access is restricted, such as narrow alleys in old Leucadia, easements and the La Costa Golf Course. The replacement van will be outfitted with the same equipment as the larger truck. Therefore, it will have similar capabilities and if a

piece of CCTV equipment breaks or malfunctions, such as the camera or transporter, parts can be interchanged in an emergency. Outfitting the van with the same equipment also accounts for the significant cost of the vehicle.

In accordance with the District's Vehicle Replacement Policy, the minimum replacement criteria for the CCTV Van are 5 years and 75,000 miles or 7 years and any miles. The CCTV Van has been in service for 16 years and has reached the end of its useful life. Additionally, the CCTV equipment installed in the van has been in service since 2000 and requires replacement. It is important to note that staff will be trading in the current CCTV Van at the time of purchase.

The District has been using the Cues CCTV system and equipment to inspect and maintain its collection system since 2000. Staff has been specifically trained to use this equipment and it has proven to be very reliable over the years. Therefore, staff believes it is prudent to continue using the Cues CCTV system and equipment.

Section 11.3, Complex or Unique Items, of the District's Procurement Policy, allows for the purchase of unique equipment without following sealed bid procedures. Therefore, staff obtained quotes for the specified vehicle and equipment from Cues Equipment Company, the manufacturer, and Plumber's Depot, an authorized vendor. The quotes, including sales tax, were as follows:

<u>Company</u>	<u>Price</u>
Cues Equipment Company	\$199,762.00
Plumbers Depot	\$199,999.80

The quote from Cues West was \$237.80 less than Plumber's Depot. Therefore, staff recommends that the vehicle be purchased from Cues Equipment Company for \$199,762.

FISCAL IMPACT:

The FY 2017 Capital Acquisition Budget includes sufficient funding for the purchase of the replacement CCTV van.

js:PJB