

**AGENDA**


**ENGINEERING COMMITTEE MEETING  
LEUCADIA WASTEWATER DISTRICT**  
Wednesday, October 3, 2018 – 9:00 a.m.  
1960 La Costa Avenue, Carlsbad, CA 92009

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- 1. Call to Order**
- 2. Roll Call**
- 3. Public Comment**
- 4. New Business**
  - A. Authorize the General Manager to execute an Agreement with PAL General Engineering, Incorporated for the adjustment of manholes and cleanouts in conjunction with the City of Carlsbad's 2018 Street Overlay Project in an amount not to exceed \$39,600. (Pages 2 - 4)
- 5. Information Items**
  - A. Update of the Poinsettia Train Station Parallel Gravity Pipeline Project. (verbal)
  - B. Smoke Testing of the Leucadia Sector of the District's Service Area. (verbal)
- 6. Directors' Comments**
- 7. General Manager's Comments**
- 8. Adjournment**

**MEMORANDUM**

Ref: 19-6362

**DATE:** September 27, 2018  
**TO:** Engineering Committee  
**FROM:** Paul J. Bushee, General Manager   
**SUBJECT:** **Approval of Agreement with PAL General Engineering, Incorporated for the Adjustment of Manholes and Cleanouts resulting from Carlsbad's 2018 Street Overlay Project**

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**RECOMMENDATION:**

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

1. Authorize the General Manager to execute an Agreement with PAL General Engineering Incorporated for the adjustment of manholes and cleanouts in conjunction with the City of Carlsbad's 2018 Street Overlay Project in an amount not to exceed \$39,600.
2. Discuss and take other action as appropriate.

**DISCUSSION:**

The City of Carlsbad (Carlsbad) is conducting its 2018 Street Overlay Project (Overlay Project). A street overlay involves a new layer of asphalt, generally a few inches thick, which is placed atop an existing street. As a result, utilities such as manholes and cleanouts are covered with the new layer of asphalt and must be uncovered to enable necessary access to the sewer system. After the manholes and cleanouts are exposed, it is prudent for the District to adjust the manholes and cleanouts to grade to eliminate road dips for driver safety and to prevent vehicle damage.

Carlsbad conducted a formal bid process to select the Overlay Project contractor. As a result, on June 28, 2018 Carlsbad received a total of nine (9) bids ranging from \$2.18 million to \$2.88 million. Subsequently, Carlsbad awarded the contract to PAL Engineering Incorporated (PAL) as the lowest responsive and responsible bidder in the amount of \$2.18 million. The Overlay Project is scheduled to commence in late October 2018 with a projected completion date of December 31, 2018.

The bids received by Carlsbad are strictly for the overlay of the designated streets located within the city limits. The Scope of Work does not include the adjustment of Leucadia Wastewater District (District) assets in those streets. Additionally, the bids did not include a unit price for manhole or cleanout adjustment because Carlsbad does not have any sewer utilities that require adjustment in the streets designated for overlay. However, the District does have forty-six (46) manholes and two (2) cleanouts in streets selected for overlay. The manholes and cleanouts that require adjustment are located on La Costa Avenue, Navarra Drive, Viejo Castilla Way, and Pirineos Way.

Subsequent to Carlsbad's contract award to PAL, the District contacted PAL for a cost proposal to raise the manholes and cleanouts. Staff believes this is a more cost effective and efficient way to complete the necessary grade adjustments for the following reasons:

1. Reduced costs associated with a single mobilization
2. Simultaneously satisfying administrative requirements associated with traffic control and permits by a single contractor under Carlsbad's contract
3. Contractor responsible for conducting traffic control during construction
4. Eliminates scheduling and coordination efforts between two separate contractors

The proposal submitted by PAL, attached, to raise 46 manholes and 2 cleanouts is \$39,600. The proposal states the unit prices are \$850 per manhole and \$250 per cleanout. Staff believes these unit prices are fair and reasonable.

It should be noted that Carlsbad will perform the construction management for the Overlay Project. District Staff will inspect the manhole and cleanout adjustments as they are completed to account for District infrastructure.

Therefore, Staff recommends that the Board of Directors authorize the General Manager to execute an Agreement with PAL General Engineering Incorporated for the adjustment of manholes and cleanouts in conjunction with Carlsbad's 2018 Street Overlay Project in an amount not to exceed \$39,600.

**FISCAL IMPACT:**

There is sufficient appropriation in the FY19 Budget under the Miscellaneous Pipeline / Manhole Repair account to cover construction costs.

ier:PJB

Attachment



GENERAL ENGINEERING INC.

Proposal #

PROPOSAL

FROM: PAL GENERAL ENGINEERING, INC.
TO: Leucadia WasteWater District
P.O Manhole Adjustments & Cleanouts
LOCATION: Carlsbad

Date: 7/30/2018
Attn: Ian
Phone: 760-753-0155 ex. 3002
Fax/Email: iriffel@lwwd.org

Based on the Bid Documents provided for this job, and our experience with previous similar work, we propose to furnish all labor, materials and equipment necessary to perform the following items of work, subject to conditions below

This quotation expires 90 days from the date above.

Price Good Thru. 10/28/2018

Table with 6 columns: Item No., Work Description, Unit, Qty, Unit Price, Subtotal. Rows include La Costa Ave: Manhole Adjustments, La Costa Ave: Cleanout Adjustments, Navarra Dr: Manhole Adjustments, Viejo Castilla Way: Manhole Adjustments, Viejo Castilla Way: Cleanout Adjustments, Pirineos Way: Manhole Adjustments.

Prepared By: Samantha Siegel

Proposal Grand Total \$ 39,600.00

Including: One (1) mobilization . No Parking Signs, Door hangers, DigAlert, coordination with city survey, lab and traffic engineering through General, Traffic Control for own work, SWPPP implementation for own work.

Excluding: Subgrade work, Permits, Striping, Work at night or holidays, Tree Root removal, Extra move in \$2,500.

General Conditions: (This proposal excludes the following unless otherwise defined in special conditions.) Bonds, Fees, Permits, Testing, Soil testing, Engineering, Surveying, Grade Stakes, Traffic Control, Traffic Control Pans, Public Notices, Signs, Demolition, Exporting Materials, Fill Sub grade, Backfilling, Fill Compaction, Herbicide, Wood, Headers, Berms, Drainage, Striping, Parking, Signage, Wheel Stops, Concrete Work, Sleeves, Conduit, Landscaping, Utilities, Trenching, Trench Plates, Demolition for Scope, Storm Drains, Night Work, Holidays, any asphalt material over the inches required will be an extra cost, subgrade problems will result in additional charges, and any other Scope not mentioned on this Contract.

Progress payments to be made as follows: 100% as the work progresses to the value of one hundred percent (100%) of all work completed. The entire amount of contract is to be paid within thirty (30) days of completion. Any alteration or deviation from the above specification involving extra cost of material or labor will only be executed upon written orders for the same and will become an extra charge over the sum mentioned in this Contract. All agreements must be made in writing.

Terms: Net Cash Interest at 1-1/2% per month (18% per annum) charge on all past due accounts, plus collection costs, including attorney fees. Pay to Order of Pal General Engineering Inc.

Acceptance of Proposal:

Firm Name: \_\_\_\_\_

Accepted By: \_\_\_\_\_

(print name)

Date: \_\_\_\_\_

Signature: \_\_\_\_\_