

City of Culver City, California
City Council Agenda Item Report

Meeting Date: February 9, 2009		Item Number: <u>C-4</u>	
AGENDA ITEM: Approval of an Agreement with SanCon Engineering Inc. to Rehabilitate Sewer Manholes Throughout Culver City.			
Contact Person/Dept.: Eric Mirzaian Public Works-Maintenance Operations		Phone Number: (310) 253-6410	
Fiscal Impact: Yes ☒ No ☐		General Fund: Yes ☐ No ☒	
Public Hearing: ☐		Action Item: ☐ Attachments: ☒	
Public Notification: Master E-Mail Notification List (02/04/09); SanCon Engineering, Inc.; Zebron Contracting, Inc. (via letter on February 2, 2009)			
Department Approval: Charles D. Herbertson (01/29/09)		City Attorney Approval: Carol Schwab (by H. Baker) (02/03/09)	
Chief Financial Officer Approval: Jeff Muir (by M. Noller) (02/04/09)		City Manager Approval: Jerry B. Fulwood (02/04/09)	
<u>RECOMMENDATION:</u> Staff recommends the City Council approve an agreement with SanCon Engineering, Inc. (SanCon) to rehabilitate sewer manholes throughout the City. <u>BACKGROUND:</u> A sewer manhole is a maintenance access point from the surface of the ground to the sewer main. Sewer manholes are primarily constructed of brick and mortar and have a steel ladder. Bricks are inert and do not deteriorate. However, the hydrogen sulfide gases generated by the sewage flow will cause the mortar to disintegrate between the bricks. Without the bonding of the mortar to the bricks, structural failure of the manhole could result causing bricks to fall into the sewer main leading to blockage of sewage flow and, in the worst case scenario, collapse of the street above the manhole. <u>DISCUSSION:</u> Public Works Staff identified 27 sewer manholes in need of rehabilitation. The work will include the rehabilitation of existing concrete and brick sanitary sewer manholes to rebuild strength and eliminate possible infiltration, exfiltration, root intrusion, and future deterioration of the concrete due to the sewer environment. Maintenance and repair work is not subject to formal bidding requirements per the City's Charter. On December 9, 2008, a Request for Proposal (RFP) was released			

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to qualified contractors and was advertised on the City's website. On January 13, 2009, the following proposals were received:

SanCon Engineering, Inc.....\$158,100.00
Zebron Contracting, Inc.....\$212,301.00

SanCon's proposal was based on the following per vertical foot pricing:

Rehabilitation of manholes 4' or less in diameter.....\$525 per vertical foot
Rehabilitation of manholes 5' or greater in diameter..... \$575 per vertical foot
Replacement of manhole frame and cover (9 locations)....\$1,000 each location

Based on the dimensions of the sewer manholes that will be rehabilitated and the replacement of 9 frames and covers, the total cost will be \$158,100.

SanCon's proposal of \$158,100 also includes traffic control, field measurements, surface preparation, removal and elimination of deteriorating existing steps, mortar repair and chemical grout injection to prevent infiltration.

Staff is requesting authorization to enter into an agreement with SanCon at a not-to-exceed cost of \$158,100 plus a 15% contingency.

FISCAL ANALYSIS:

Sufficient funding has been allocated in the Fiscal 2008-09 Sewer Capital Improvement Fund Project Account 20400230 (Sewer Localized and Emergency Repairs).

ATTACHMENTS:

1. Proposal submitted by SanCon Engineering Inc.
2. Map of project locations

MOTION:

That the City Council:

1. Approve an agreement with SanCon Engineering, Inc. to rehabilitate 27 sewer manholes at a cost not to exceed \$158,100; and,
2. Authorize the Public Works Director/City Engineer to negotiate change orders, if necessary, not to exceed \$23,715 (15% contingency); and

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3. Authorize the City Attorney to review/prepare the necessary documents; and,
4. Authorize the City Manager to execute such documents on behalf of the City.