

City of Culver City, California
City Council Agenda Item Report

Meeting Date: December 8, 2008		Item Number: <u>C-8</u>	
AGENDA ITEM: Authorization to Solicit Requests for Proposal for the Rehabilitation of Sewer Manholes Throughout Culver City.			
Contact Person/Dept.: Eric Mirzaian Public Works-Public Works		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 (12/03/08);			
Department Approval: Charles D. Herbertson (11/25/08)		City Attorney Approval: Carol Schwab (by H. Baker) (12/02/08)	
Chief Financial Officer Approval: Jeff Muir (12/02/08)		City Manager Approval: Jerry B. Fulwood (12/02/08)	
<u>RECOMMENDATION:</u> Staff recommends the City Council authorize staff to release a Request for Proposals (RFP) for the rehabilitation of 27 sewer manholes throughout Culver City. <u>BACKGROUND:</u> Public Works Staff has identified 27 sewer manholes throughout the City in need of rehabilitation. The sewer manhole is the access way from the manhole lid on the surface of the street leading down to the sewer main. The rehabilitation will include the rehabilitation of existing concrete or brick sanitary sewer manholes to rebuild strength and eliminate possible infiltration, inflow, root intrusion, and future deterioration of the concrete and brick due to the sewer environment. <u>DISCUSSION:</u> Sewer manholes deteriorate for a variety of reasons. The constant stress of traffic causes subsidence and shear cracks, which progressively weaken these structures. Additionally, disintegrated mortar joints become primary entry points for ground-water infiltration, washing out supporting back fill and causing manhole walls to collapse. Corrosive sewer gases found in sewer lines attack concrete walls deteriorating the concrete and causing structural failures. The combination of hydrogen sulfide and water vapor creates dilute sulfuric acid that attacks conventional cement walls and mortar joints. When this occurs, it can seriously endanger the street surface above as it could ultimately lead to a collapse of the manhole and the corresponding development			

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of a sinkhole in the street. Additionally, a severely deteriorated manhole may eventually collapse into the sewer main and block the flow of the sewer pipeline.

Should the City Council approve the release of the RFP, the following table includes the timeline for the project:

Task	Time Frame
RFP Approval by City Council	December 8, 2008
Release of Requests for Proposals	December 9, 2008
Deadline for Receipt of Proposals	January 22, 2009 @ 3:00 PM
Consideration of Award of Contract	February 9, 2009

FISCAL ANALYSIS:

The release of the RFP does not create a substantive fiscal impact on the City. Upon review of the submitted RFP's, Staff will include the appropriate fiscal impact of awarding a new contract in a staff report presented to the City Council for consideration. Funding has been allocated in the Sewer Localized and Emergency Repairs CIP Project (P-230).

ATTACHMENTS:

Copy of the Request for Proposal

MOTION:

That the City Council:

Authorize staff to solicit Requests for Proposal for the rehabilitation of 27 sewer manholes throughout the City.