

**City of Culver City, California
Agenda Item Report**

Meeting Date: 06/23/2014		Item Number: <u>C-5</u>	
CITY COUNCIL AGENDA ITEM: Approval of Plans and Specifications and Authorization to Publish Notice Inviting Bids for Culver City Transfer Station Loading Pit Structural Repairs, P-948, Bid No. 1547.			
Contact Person/Dept.: Steven Finton/PW Damian Skinner		Phone Number: 310-253-6457 (310) 253-6421	
Fiscal Impact: Yes ☒ No ☐		General Fund: Yes ☐ No ☒	
Public Hearing: ☐		Action Item: ☐ Attachments: ☐	
Commission Action Required: Yes ☐ No ☒		Date: _____	
Public Notification: (E-mail) Agenda and Meetings – City Council (6/17/14); (E-Mail) Sustainability and Environmental Issues (6/17/14)			
Department Approval: Charles D. Herbertson (06/12/14)		City Attorney Approval: Carol Schwab (by H. Baker) (06/16/14)	
Chief Financial Officer Approval: Jeff Muir (by M. Noller) (06/17/14)		City Manager Approval: John M. Nachbar (06/17/14)	
<u>RECOMMENDATION:</u> Staff recommends the City Council approve the plans and specifications for the Culver City Transfer Station Loading Pit Structural Repairs, P-948, Bid No. 1547 and authorize staff to publish a notice inviting construction bids. <u>BACKGROUND:</u> The City owns and operates a solid waste transfer station at 9255 Jefferson Boulevard (Transfer Station). Solid waste and recyclable items collected by the Public Works Department /Solid Waste and Recycling Division trucks are transferred to tractor/trailer transfer trucks at the Transfer Station for transit to area recycling centers or landfills. Roll-off service, green waste processing, recycled material handling, and all other Refuse and Recycling Division functions are based at this facility. The Transfer Station is a two-story reinforced concrete structure constructed in 1984. City collection trucks dump their loads on the upper level tipping floor and wheel loaders push the material through two openings (pits) in the tipping floor into transfer trucks parked in the “slot” on the lower level. One pit is generally used for trash and the other is used for recycling. Each pit opening is sized to the approximate dimensions of the transfer truck trailer. The near and right sides of the pits are reinforced concrete and the left and far sides are steel funnel structures attached to the concrete building structure which deflect the falling waste and recycling into transfer trucks below.			

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The existing steel funnel structures were constructed in 1984 and have been repaired from time to time over the years. Over time, they have deteriorated due to impact loads they experience many times daily. Additionally, existing connections to the concrete structure are showing cracks and distress. Significant repairs are needed.

DISCUSSION:

This proposed project will modify and refurbish the steel funnel structures to enhance their function and condition. Much of the steel structural framework will remain in place but will be modified to avoid damage by the wheel loader. The surface steel plating will be increased in thickness to prevent damage and extend life. Additionally, sheet metal panels will be added above the funnel structure to assure all debris falls into the pit without being caught on the structure above.

FISCAL ANALYSIS:

The estimated cost of the proposed improvements is \$80,000. Funding is available in the current fiscal year Capital Improvement Program, Refuse Improvements, Project No. PZ-948, Transfer Station Improvements (Account No. 20280000.730100.PZ948).

ATTACHMENTS:

The Plans and Specifications are available at the following link:
<http://www.culvercity.org/en/Government/PublicWorks/CouncilItems.aspx>

MOTIONS:

That the City Council:

Approve the plans and specifications for the Culver City Transfer Station Loading Pit Structural Repairs, P-948, Bid No. 1547 and authorize staff to publish a notice inviting construction bids.