

City of Culver City, California
City Council Agenda Item Report

Meeting Date: 07/28/08		Item Number: <u>C-12</u>	
AGENDA ITEM: Approval of a Professional Services Agreement with Dudek for Sewer Rehabilitation Projects: Sewer Main in Farragut Drive (Jasmine Avenue to Overland Avenue) and Elenda Street (Washington Boulevard to Culver Boulevard), P-872; Sewer Main In Easement between Madison Avenue and Lincoln Avenue (Culver Boulevard to Ballona Creek), P-893; Sewer Main in Easement between Baldwin Avenue and La Salle Avenue (Jackson Avenue to the Ballona Creek), P-894; Sewer Main in Tellefson Road (Cranks Road to Ranch Road) and Ranch Road (Tellefson Road to City of Los Angeles Connection), P-904, and Citywide Sewer Main Point Repair, P-230.			
Contact Person/Dept.: Hong Wang/PW		Phone Number: 310.253.5604	
Fiscal Impact: Yes ☒ No ☐		General Fund: Yes ☐ No ☒	
Public Hearing: ☐		Action Item: ☐ Attachments: ☒	
Public Notification: Master E-Mail Notification List (07/24/08); Dudek, Psomas, Norris-Repke, DGA, KDM, Paller-Roberts by telephone on (07/09/08)			
Department Approval: Charles D. Herbertson 7/02/2008		City Attorney Approval: Carol Schwab (by H. Baker) (07/22/08)	
Chief Financial Officer Approval: Jeff Muir (by N. Kimball)(07/22/08)		City Manager Approval: Jerry B. Fulwood (07/23/08)	
<u>RECOMMENDATION:</u> Staff recommends the City Council approve a professional services agreement with Dudek for Sewer Rehabilitation Projects: Sewer Main in Farragut Drive (Jasmine Avenue to Overland Avenue) and Elenda Street (Washington Boulevard to Culver Boulevard), P-872; Sewer Main In Easement between Madison Avenue and Lincoln Avenue (Culver Boulevard to Ballona Creek), P-893; Sewer Main in Easement between Baldwin Avenue and La Salle Avenue (Jackson Avenue to the Ballona Creek), P-894; Sewer Main in Tellefson Road (Cranks Road to Ranch Road) and Ranch Road (Tellefson Road to City of Los Angeles Connection), P-904, and Citywide Sewer Main Point Repair, P-230, in an amount not-to-exceed \$139,062. <u>BACKGROUND:</u> Most of the existing sewer mains in this group of projects are identified as high priority urgent repairs in the City's Sewer Video and Condition Assessment Report dated June 29, 2004. The work includes but is not limited to rehabilitation or replacement of the sewer main and manholes. Roots, cracked pipes, sagging, protruding laterals, and offset joints shall be addressed. Due to the fact that several of the sewer mains are located in backyard rear property line easements,			

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Staff is looking for innovative approaches and methods to rehabilitate the sewer mains with minimum impacts to existing improvements on private properties. The sewer main may be excavated and replaced only if a trenchless option is not feasible or cost effective.

Staff sought proposals from consulting firms with a proven track record to provide design of pipe lining, sewer replacement and point repair for the sewer rehabilitation projects.

DISCUSSION:

The Request for Proposals for engineering services was mailed to City's pre-approved on-call general civil engineering firms and several reputable engineering firms that specialize in trenchless technologies. Proposals were due on June 4, 2008.

Six (6) engineering firms responded to the proposal:

<u>Firms</u>	<u>Proposed Fee</u>
1. Dudek	\$173,820
2. Psomas	\$135,054
3. Norris-Repke	\$110,755
4. DGA	\$112,948
5. KDM	\$ 92,400
6. Paller Roberts	\$130,000

The Public Works Director/City Engineer, Engineering Services Manager, and the Senior Civil Engineer conducted a review of all the proposals and it was unanimously determined that Dudek's proposal is the most responsive and Dudek is the most qualified firm to provide engineering design services on this project. Dudek has extensive design experience for sewer pipe lining projects in southern California. Staff contacted Dudek's references on similar municipal sewer rehabilitation projects. These references revealed excellent remarks for the firm and the designated project manager from Dudek.

After the tentative selection, Staff negotiated the total design fees with Dudek. The original fee of \$173,820 was successfully negotiated to \$139,062. Although this fee is higher than other consultant's proposed cost, due to the fact it is that first time the City is using the trenchless technologies to rehabilitate the sewer mains, Staff believes it is important to select the firm based on qualifications and experience in order to minimize construction related issues and potential change orders. It is Staff's recommendation that the City Council award a contract to

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Dudek since they have demonstrated that they are the most qualified proposer while also offering a price that is fair and reasonable (the design fee is approximately 8% of the total project budget). The design will take about six months to complete. The construction is tentatively scheduled to begin in March 2009.

FISCAL ANALYSIS:

The adopted 2008/09 CIP budget includes a combined \$1,750,000 of Sewer Enterprise Funds for these five CIP projects (includes expected carryover from FY 2007-08). This amount includes engineering, construction and all contingencies.

Staff recommends a 10% (\$14,000) change order authority be granted to the Public Works Director/City Engineer to cover unforeseen conditions during the cleaning and videoing of the sewer mains and throughout the design phase. There are sufficient funds appropriated to cover the proposed contract.

ATTACHMENTS:

1. Location maps

MOTIONS:

That the City Council:

- 1) Approve a professional services agreement with Dudek for Sewer Rehabilitation Projects: Sewer Main in Farragut Drive (Jasmine Avenue to Overland Avenue) and Elenda Street (Washington Boulevard to Culver Boulevard), P-872; Sewer Main in Easement between Madison Avenue and Lincoln Avenue (Culver Boulevard to Ballona Creek), P-893; Sewer Main in Easement between Baldwin Avenue and La Salle Avenue (Jackson Avenue to the Ballona Creek), P-894; Sewer Main In Tellefson Road (Cranks Road to Ranch Road) and Ranch Road (Tellefson Road to City of Los Angeles Connection), P-904, and Citywide Sewer Main Point Repair, P-230, in an amount not-to-exceed of \$139,062;

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- 2) Authorize the Public Works Director/City Engineer to approve change orders, if necessary, in an amount not-to-exceed \$14,000 (10% of \$139,062); and,,
- 3) Authorize the City Attorney to review/prepare the necessary documents and authorize the City Manager to execute such documents on behalf of the City.