

City of Culver City, California
City Council Agenda Item Report

Meeting Date: 02/25/08

Item Number: A-6

AGENDA ITEM: Approval of a Professional Services Agreement with Psomas for an Engineering Study to Determine the Feasibility of Consolidating the City's Sewer Pump Stations, P-875

Contact Person/Dept.: Mate Gaspar/PW

Phone Number: (310) 253-5602

Fiscal Impact: Yes ☒ No ☐

General Fund: Yes ☐ No ☒

Public Hearing: ☐

Action Item: ☒

Attachments: ☒

Public Notification:

Master Notification List on February 20, 2008; Psomas, KDM Meridian, APD Consultants, and Paller-Roberts via e-mail on February 20, 2008.

Department Approval:
Charles D. Herbertson (02/14/08)

City Attorney Approval:
Carol Schwab (by H. Baker) (02/19/08)

Fiscal Impact Review:
Jeff Muir (by N. Kimball) (02/20/08)

City Manager Approval:
Jerry B. Fulwood (02/21/08)

RECOMMENDATION:

Staff recommends the City Council approve a professional services agreement with Psomas for an engineering study to determine the feasibility of consolidating the City's sewer pump stations, P-875 for a not-to-exceed amount of \$103,252.

BACKGROUND:

The Public Works Department is responsible for the maintenance of the City owned sewer pump stations. There are seven (7) sewer pump lift stations at the following locations:

1	Braddock Station 11285 Braddock Drive
2	Fox Hills Station 5900 Sepulveda Boulevard
3	Bristol Station 6399 Bristol Parkway
4	Jasmine Station 4496 Jasmine Avenue
5	Businessman Park Station 8620 Hayden Place
6	Mesmer Station 5586 Mesmer Avenue
7	Overland Station 5300 Overland Avenue

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These sewer pump stations are necessary in order to properly lift and convey the sewage flow to the City of Los Angeles for treatment. Each station is maintained by the Public Works Department Maintenance Operations Division.

This year's capital improvement program budget contains a project to hire a consultant to study the feasibility of consolidating several or all of the seven (7) sewer pump stations. The purpose of the study is to determine if it is feasible to consolidate the pump stations in order to reduce operation and maintenance costs and improve system reliability.

The study is important to determine the most efficient infrastructure layout of the City's sewer system. The State's new wastewater discharge regulations require each agency that owns a sewer system to develop a Sanitary Sewer System Management Plan and to report on the monitoring, maintenance and inspection of the entire sewerage system and pump stations. Because of this, now is an optimal time to consider the feasibility of consolidating pump stations.

On December 10, 2007, the City Council authorized staff to solicit proposals for the engineering study to determine the feasibility of consolidating the City's sewer pump stations.

DISCUSSION:

Proposals were mailed to six (6) civil engineering firms. Proposals were due on January 31, 2008.

Consultant	Fee Proposal
Psomas	\$103,252*
APD Consultants	\$99,700
Paller-Roberts	\$98,000
KDM Meridian	\$49,675
Boyle Engineering	Declined to submit proposal
Norris-Repke	Declined to submit proposal

* Base fee proposal is \$72,630

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Upon careful review of the four (4) proposals received, staff determined that Psomas' is the most responsive. Psomas has extensive experience conducting various sewer system studies for many municipalities throughout California. Psomas' project manager, Harvey Gobas, P.E., prepared the City's sewer master capacity study in 1995 (while employed with Boyle Engineering) and therefore has experience working on Culver City's sewer system. Psomas' base fee proposal is \$72,630 and includes an optional \$30,622 fee for flow monitoring and hydraulic computer modeling of the sewer system. This additional scope of services will provide an accurate sizing of the new sewer pump station based on measured peak flow rates and hydraulic computer modeling of the proposed modifications to the sewer system. The RFP did not require this level of detailed analysis, however, it is prudent that an accurate depiction of a future consolidated system be known and available to staff and the public when designing and reviewing proposed sewer projects.

California Government Code Section 4525-4529.5 states that professional services shall be engaged on the basis of demonstrated competence and qualifications for the types of services to be performed and at a fair and reasonable price. Based upon the above items, it is staff's recommendation that the proposal from Psomas be accepted since they has demonstrated the most responsive level of competence and qualifications and the price for the work proposed is fair and reasonable.

The study will take about 4 months to complete. Upon completion and review by the City Engineer, the study results will be presented to the City Council for consideration.

FISCAL ANALYSIS:

The adopted 2007/08 CIP budget includes \$50,000 in Sewer Funds (20400875) for consultant costs to study the feasibility of consolidating sewer lift stations. The additional \$65,000 to cover the contract amount and change order authority is available in P-521 - Pump Station Improvements project. Since this contract is also related to the Pump Station Improvements project, staff recommends that \$65,000 is transferred from P-521 (20400521) to P-875 (20400875) to adequately fund the not-to-exceed contract amount (including the 10% change order authority).

ATTACHMENTS:

1. Copy of Psomas' proposal
2. Location map of the sewer pump stations.

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MOTIONS:

That the City Council:

- 1) Authorize staff to transfer \$65,000 from P-521 (20400521) to P-875 (20400875).
- 2) Approve a professional services agreement with Psomas for the Sewer pump stations consolidation study project P-875 for a not-to-exceed fee amount of \$103,252.
- 3) Authorize the Public Works Director/City Engineer authority to approve change orders if necessary for an amount not-to-exceed \$10,325 (10% of \$103,252), and
- 4) Authorize the City Attorney to review/prepare the necessary documents and authorize the City Manager to execute such documents on behalf of the City.