

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

Meeting Date: 11/23/2009		Item Number: <u>C-4</u>													
CITY COUNCIL AGENDA ITEM: Approval of an Amendment to the Existing Professional Services Agreement with Psomas for the Sewer Pump Station Consolidation Study															
Contact Person/Dept.: Mate Gaspar/PW		Phone Number: 310-253-5602													
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 (11/18/09); (TELEPHONE) Psomas (11/19/09)															
Department Approval: Charles D. Herbertson (11/13/09)		City Attorney Approval: Carol Schwab (by H. Baker) (11/17/09)													
Chief Financial Officer Approval: Mark Scott (by N. Kimball) (11/18/09)		City Manager Approval: Mark Scott (11/19/09)													
<u>RECOMMENDATION:</u> Staff recommends that the City Council approve an amendment to the existing professional services agreement with Psomas to increase the contract by \$40,831 in order to conduct additional studies for an addendum to the Sewer Pump Station Consolidation Study. <u>BACKGROUND:</u> In February 2008, the City Council approved a professional services agreement with Psomas to conduct a sewer pump station consolidation study in the amount of \$110,542. The Public Works Department is responsible for the maintenance of seven City owned sewer pump stations at the following locations: <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"><tr><td style="text-align: center; width: 10%;">1</td><td style="text-align: center; width: 90%;">Braddock Station 11285 Braddock Drive</td></tr><tr><td colspan="2" style="height: 15px;"></td></tr><tr><td style="text-align: center;">2</td><td style="text-align: center;">Fox Hills Station 5900 Sepulveda Boulevard</td></tr><tr><td colspan="2" style="height: 15px;"></td></tr><tr><td style="text-align: center;">3</td><td style="text-align: center;">Bristol Station 6399 Bristol Parkway</td></tr><tr><td colspan="2" style="height: 15px;"></td></tr></table>				1	Braddock Station 11285 Braddock Drive			2	Fox Hills Station 5900 Sepulveda Boulevard			3	Bristol Station 6399 Bristol Parkway		
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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

These sewer pump stations are necessary in order to properly pump the City's sewage flow to the City of Los Angeles' transmission lines which in turn carry the sewage to the Hyperion Sewage Treatment Plant for treatment.

DISCUSSION:

The consolidation study (Study) was completed earlier this year. The study indicated that most of the sewer flow from the Mesmer Pump Station can be diverted to an upgraded Fox Hills Pump Station. The Study also determined that the other six pump stations either (1) could not be diverted and/or consolidated, or (2) it was not considered cost effective to do so.

As a result of the Study, this year's Capital Improvement Program includes a project for the design of the Fox Hills Pump Station Upgrade, P-874. Before the design of this project begins, staff proposes additional studies regarding the Mesmer Pump Station flow and Overland Pump Station flow. The original study determined that most of the Mesmer Pump Station flow can be diverted. However, the contract with Psomas did not include a detailed analysis of what can be done with the remaining Mesmer Pump Station flow.

Also, after the completion of the study, staff discovered an abandoned sewer line that once accepted the sewer flow that currently flows to the Overland Pump Station. Staff assumes that this sewer line was abandoned after the construction of the Overland Pump Station. The Overland Pump Station was constructed as a result of the large condominium developments at the south east corner of Overland Avenue and Jefferson Boulevard. However, in light of declining sewer flow over the years due to conservation efforts and installation and use of water saving appliances (low flow toilets, shower heads, dishwashers and clothes washers), there is a possibility that the existing sewer flow could be diverted from the Overland Pump

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Station to the abandoned sewer line and other sewer main lines. This could result in eliminating the Overland Pump Station.

In order to determine whether it is possible to divert 100% of the flow from the Mesmer Pump Station and to by-pass the Overland Pump Station, sewer flow and hydraulic studies are required. The proposed amendment to the professional services agreement includes this engineering work effort.

At staff's request and following several meetings and negotiations, Psomas has provided a proposal to conduct these additional studies and provide an addendum to the Study for an additional \$40,831.

FISCAL ANALYSIS:

There are sufficient funds available in the Sanitary Sewer Enterprise Fund's Sewer Pump Station Improvement Project (P-521), to fund this request. The funds will be transferred from P-521 to P-875 (Sewer Feasibility Studies) for proper budgetary tracking.

ATTACHMENT:

None.

MOTIONS:

That the City Council:

1. Approve an amendment to the existing professional services agreement with Psomas to prepare an addendum to the existing Sewer Pump Station Consolidation Study at an additional cost of \$40,831; and,
2. Authorize the City Attorney to review/prepare the necessary documents; and,
3. Authorize the City Manager to execute such documents on behalf of the City;