

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

Meeting Date: 02/23/2015		Item Number: <u>C-2</u>	
CITY COUNCIL AGENDA ITEM: FOUR-FIFTHS VOTE REQUIREMENT –Approval of an Amendment to the Existing Professional Services Agreement with Utility Systems, Science, and Software in an Amount Not-to-Exceed \$146,599.20 (\$42,055.20 for Parts and \$104,544 for Installation) to Purchase and Install Replacement Parts for the Emergency Notification System and the Sewer Flow Monitoring System (ENS/SFMS); and (2) Approval of a Budget Amendment Related Thereto.			
Contact Person/Dept.: Gabe Garcia/PW		Phone Number: (310) 253-5633	
Fiscal Impact: Yes ☒ No ☐		General Fund: Yes ☐ No ☒	
Public Hearing: ☐		Action Item: ☐ Attachments: ☐	
Commission Action Required: Yes ☐ No ☒ Date: _____			
Public Notification(E-Mail) Meetings and Agenda – City Council (02/17/15); (E-Mail) Utility Systems, Science and Software, Inc. (02/17/15)			
Department Approval: Charles D. Herbertson (02/13/15)		City Attorney Approval: Carol Schwab (by H. Baker) (02/13/15)	
Chief Financial Officer Approval: Jeff Muir (by M. Noller) (02/17/15)		City Manager Approval: John M. Nachbar (02/17/15)	
<u>RECOMMENDATION:</u> Staff recommends the City Council 1) approve an amendment to the existing professional services agreement with Utility Systems, Science, and Software, Inc. (US3) in an amount not-to-exceed \$146,599.20 (\$42,055.20 for parts and \$104,544 for installation) to allow for the purchase and installation of replacement parts for the Sewer Emergency Notification System and Sewer Flow Monitoring System; and 2) approve a budget amendment related thereto. A budget amendment requires a four-fifths vote. <u>BACKGROUND:</u> There are two technology systems serving the City's 88 miles of gravity sewers lines, 2 miles of force main sewer lines, and 7 pump stations: the Sewer Emergency Notification System (ENS) and the Sewer Flow Management System (SFMS). Both systems are integrated under a Motorola Supervisory Control and Data Acquisition (MOSCAD) for communication over the City's trunked radio system and controlled by Trihedral Engineering's Virtual Tagged System's (VTS) Supervisory Control and Data Acquisition (SCADA), which gives intelligence to the ENS system to notify staff of incidents and maintain necessary databases.			

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

DISCUSSION:

The ENS/SFMS system requires maintenance and the replacement of components and parts that are failing or no longer readily available in order to ensure that the goal of preventing sewage spills and collection of sewer flow data is met. The sewer flow data is necessary for Culver City to comply with requirements of the Amalgamated Agreement with the City of Los Angeles.

Some of the Motorola MOSCAD equipment used in the ENS/SFMS is approximately 15 years old. Over the last four months, there have been three failures of critical equipment. On two separate occasions recently, the failure of central processing units (CPU) required that staff be present around the clock for several days to monitor sewage levels in wet wells and turn switches on and off to manually operate the pumps.. Fortunately, the components of the system were replaced with spare parts from the consultant.

Because the City's wireless communication system is based on the City's Motorola trunk radio system, and because the Motorola MOSCAD equipment has proven to be dependable beyond the typical 5-year life cycle, staff recommends the replacement with current Motorola technology. As is typical with all technology, the manufacturers upgrade their products. Recently, Motorola released their latest line of new technology called Motorola ACE. Staff recommends that the City Council approve the purchase of Motorola ACE technology to replace the existing 15-year old system.

On June 23, 2014, the City Council approved two one-year extensions to the professional services agreement with US3 for the maintenance of the ENS/SFMS. The agreement with US3 is a professional services agreement and does not include parts. US3 is an authorized Motorola technology partner and dealer and has provided a letter proposal for the parts and labor to install them.

Pursuant to Culver City Municipal Code Section 3.07.045.C, staff recommends entering into a single-source agreement with US3 because the firm is a Motorola technology partner and dealer. Additionally, they have over 12 years' experience with the City's ENS/SFMS system. Furthermore, US3 will provide the parts at their cost, without charging the City overhead – in some instances, that cost is less than the City would pay if it purchased the parts on its own, rather than through a dealer. Finally, management of the project will be simplified in that staff will not need to work with two or more contractors.

City of Culver City, California
Agenda Item Report

FISCAL ANALYSIS:

The cost of the parts needed by the ENS/SFMS system is \$42,055.20. The additional professional services hours required to replace the parts and components, perform programming, calibrate, and test their operation are estimated to be 960 hours, for a total professional service cost of \$104,544. Staff recommends that the existing professional services agreement with US3 be amended to increase the contract amount for the current contract year to include parts and professional services, in an amount not-to-exceed \$146,599.20.

The parts purchase and the amendment to the professional services agreement will be funded by the Sewer Enterprise Fund, budget line item 20460300.619800. A budget amendment to appropriate \$146,599.20 from the Sewer Enterprise Fund to this account is required. There is sufficient funding available to fund this request.

MOTIONS:

That the City Council:

1. Approve a budget amendment appropriating \$146,599.20 from the Sewer Enterprise Fund **(requires a four-fifths vote)**; and,
2. Approve an amendment to the existing professional services agreement with Utility Systems, Science, and Software, Inc., for a not-to-exceed amount of \$146,599.20; and
3. Authorize the City Attorney to review/prepare the necessary documents; and
4. Authorize the City Manager to execute such documents on behalf of the City.