



*City of Arts & Innovation*

# City Council Memorandum

**TO: HONORABLE MAYOR AND CITY COUNCIL** **DATE: JANUARY 22, 2019**

**FROM: PUBLIC WORKS DEPARTMENT** **WARDS: ALL**

**SUBJECT: RIVERSIDE WATER QUALITY CONTROL PLANT SERVICES AGREEMENT WITH UTILITY SYSTEMS SCIENCE AND SOFTWARE, INC. OF SANTA ANA, CALIFORNIA TO UPGRADE ELEVEN LIFT STATION REMOTE TERMINAL UNITS WITH MOTOROLA ACE UNITS FOR AN AMOUNT OF \$76,353.88 FOR THE PERIOD THROUGH DECEMBER 31, 2019**

## **ISSUE:**

Approve the Services Agreement to upgrade eleven lift station remote terminal units with Motorola Ace units with Utility Systems Science and Software, Inc. of Santa Ana, California, for an amount of \$76,353.88 for the period through December 31, 2019.

## **RECOMMENDATIONS:**

That the City Council:

1. Approve a Services Agreement with Utility Systems Science and Software, Inc. of Santa Ana, California to upgrade eleven lift station remote terminal units with Motorola Ace units for the period through December 31, 2019, in an amount not to exceed \$76,353.88; and
2. Authorize the City Manager, or his designee, to execute the Services Agreement with Utility Systems Science and Software Inc., including making minor and non-substantive changes.

## **BACKGROUND:**

The Public Works Department Wastewater Division is responsible for the collection and treatment of wastewater generated within the City of Riverside and the communities of Edgemont, Highgrove, Jurupa, and Rubidoux. Wastewater is conveyed to the Water Quality Control Plant (WQCP) through more than 800 miles of sewer lines throughout the City. Wastewater is treated and disinfected at the WQCP so that it can be reused for irrigation or discharged to the Santa Ana River in accordance with federal and state regulations.

The WQCP has 28 lift stations that use licensed remote terminal units (RTUs) to communicate information back to the WQCP's SCADA systems in order to monitor sewage processes and equipment.

## **DISCUSSION:**

Of the WQCP's 28 units, 17 are Motorola ACE units and 11 are obsolete Moscad RTUs. The City's Innovation & Technology Department's Information Security Officer has determined that continued use of the obsolete units is a security issue and has recommended the replacement of the units. The current Moscad units are no longer supported and spare parts are limited. Additionally, Moscad units require Windows XP software to communicate to them which is a security risk.

Utility Systems Science and Software, Inc. (US3) currently provides engineering support services, parts, and equipment purchases for the lift stations and is the only authorized vendor/distributor and servicer for Motorola ACE equipment in the Southern California region. Considering this, US3 is uniquely qualified to supply, support and perform the required services.

Purchasing Resolution 23256, Section 702(c) states that when the procurement can only be obtained from a sole source or timely from a single source and the Manager is satisfied that the best price, terms and conditions for the Procurement thereof have been negotiated, competitive procurement shall not be required.

The Purchasing Manager concurs that the recommended actions comply with the Purchasing Resolution No. 23256, Section 702 (c).

## **FISCAL IMPACT:**

The total fiscal impact of the action is \$76,353.88. Sufficient funding is available in the Sewer Equip Replacement/Const account, 4125420-462210.

Prepared by: Kris Martinez, Public Works Director  
Certified as to  
availability of funds: Edward Enriquez, Chief Financial Officer/City Treasurer  
Approved by: Rafael Guzman, Assistant City Manager  
Approved as to form: Gary G. Geuss, City Attorney

Attachment: Services Agreement