



City of Arts & Innovation

City Council Memorandum

TO: HONORABLE MAYOR AND CITY COUNCIL **DATE: JUNE 12, 2018**

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

SUBJECT: REQUEST FOR PROPOSALS NO. 1785 FOR PROFESSIONAL CONSULTANT SERVICES AGREEMENT WITH HOUSTON & HARRIS PCS, INC, OF GRAND TERRACE, CALIFORNIA, FOR RIVERSIDE REGIONAL WATER QUALITY CONTROL PLANT - CLOSED CIRCUIT TELEVISION INSPECTION OF SEWER PIPES IN THE AMOUNT OF \$832,752 THROUGH JUNE 30, 2020 WITH AN OPTION FOR TWO, ONE-YEAR EXTENSION

ISSUE:

Approve a Professional Consultant Services Agreement from Request for Proposals No. 1785 with Houston & Harris PCS, Inc., of Grand Terrace, California, to provide the Riverside Regional Water Quality Control Plant with closed circuit television inspection of sewer pipes in the amount of \$832,752 through June 30, 2020, with an option for two, one-year contract extensions.

RECOMMENDATIONS:

That the City Council:

1. Approve a Professional Consultant Services Agreement from Request for Proposals No. 1785 with Houston & Harris PCS, Inc., of Grand Terrace, California, to provide the Riverside Regional Water Quality Control Plant with closed circuit television inspection of sewer pipes in the amount of \$832,752 through June 30, 2020, with an option for two, one-year contract extensions; and
2. Authorize the City Manager or his designee to execute the Professional Consultant Services Agreement with Houston & Harris PCS, Inc., including making minor non-substantive changes and the two additional one-year extensions based upon acceptable performance by the contractor, subject to the same terms and conditions of the agreement and budgeted funds.

BACKGROUND:

The City of Riverside Public Works Department, Wastewater Division, is responsible for the collection and treatment of wastewater for over 93,000 customers within city limits. The facilities consist of over 800 miles of gravity sewers, 19 wastewater lift stations, 15,977 manholes and the Riverside Regional Water Quality Control Plant (RWQCP) which has the capacity to treat 46 million gallons per day. Additionally, the RWQCP provides wastewater treatment service for the

Edgemont, Jurupa, and Rubidoux Community Services Districts, and the unincorporated community of Highgrove.

On October 25, 2016, the City Council approved the revised Sewer System Management Plan (Plan) required by the State Water Resources Control Board. The Plan outlines how the sanitary sewer system is operated and maintained. As noted therein, closed-circuit television (CCTV) “video” inspection is integral to the operation, repair, and replacement of the sewer collection and conveyance system.

On December 20, 2016, the City Council awarded a Professional Service Agreement with Carollo Engineers, Inc., to complete the 2016 Wastewater Master Plan. The goal of the project is to reevaluate the 2008 Wastewater Master Plan treatment and collection infrastructure assessment and to update the 20-year Capital Improvement Program. CCTV inspection provides a present state snapshot through which projects associated with the master plan update can be identified, planned, and supported.

DISCUSSION:

ROUTINE OPERATIONS AND MAINTENANCE

RWQCP staff has established a goal to video inspect sewer gravity main lines every five to seven years. Internal efforts focus on scoping repair jobs, cleaning frequency assessments, and investigating sewer service issues. These activities leave little availability for staff to perform system-wide condition assessments and routine line cleaning quality control audits.

2016 WASTEWATER MASTER PLAN UPDATE

The Wastewater Master Plan identifies an annual sewer line replacement program based on pipe segments inspected via CCTV. The purpose of the program is to identify and replace sewer infrastructure susceptible to failure using an industry standard rating score for each pipe segment. This program will maintain operation of the collection system by replacing infrastructure prior to failure. As pipes and manholes are inspected and their rating scores updated, so too is the list of those needing repair and replacement. Although CCTV work to identify Master Plan projects was included as an optional scope of work in the Carollo Engineers contract, staff has determined that there could be considerable savings to the City if this work were completed by a specialized contractor with the resources and expertise necessary to complete CCTV work on a volume scale.

Leveraging both internal and external resources, ongoing CCTV efforts help ensure the five to seven year inspection goal is met, lines are cleaned according to procedure, repairs are timely and prioritized appropriately, service levels are maintained, and sanitary sewer overflows minimized.

On December 6, 2017, RFP No. 1785 was issued on the City’s Purchasing Bid System to provide CCTV inspection of sewer pipes.

On December 22, 2017, six proposals were received. The evaluation criteria set forth within the RFP was weighted primarily toward experience and expertise in performing CCTV inspection services. Houston & Harris PCS, Inc. was determined by the evaluation panel, which consisted of representatives from the Riverside Public Utilities and Public Works Engineering Divisions, to be the most qualified and offering the best value to the City.

The Purchasing Manager concurs that the recommended action to award complies with Purchasing Resolution 23256.

FISCAL IMPACT:

The total fiscal impact of the action is \$832,752. Funds are available in the Sewer-Collections Syst. Maint. Professional Services account number 4125100-421000 and the Sewer Sys-Sewer Projects, WQCP Phase I Plant Expansion account 9821323-440301. Appropriations for future fiscal years will be included in the Department's Budget submissions for those fiscal years to be presented to the City Council for approval.

Prepared by: Kris Martinez, Public Works Director
Certified as to
availability of funds: Adam Raymond, Chief Financial Officer/City Treasurer
Approved by: Al Zelinka, FAICP, City Manager
Approved as to form: Gary G. Geuss, City Attorney

Attachments:

1. Professional Consultant Services Agreement with Houston & Harris PCS, Inc.
2. RFP Award Recommendation