



City of Arts & Innovation

City Council Memorandum

TO: HONORABLE MAYOR AND CITY COUNCIL **DATE: JUNE 19, 2018**

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

SUBJECT: FIRST AMENDMENT TO THE PROFESSIONAL CONSULTANT SERVICES AGREEMENT ENGINEERING SERVICES FOR RIVERSIDE REGIONAL WATER QUALITY CONTROL PLAN UPDATE OF THE INTEGRATED MASTER PLAN FOR THE WASTEWATER COLLECTION AND TREATMENT FACILITIES WITH CAROLLO ENGINEERS INC., OF RIVERSIDE, CALIFORNIA, TO INCREASE THE CONTRACT BY \$595,354 FOR A TOTAL CONTRACT AMOUNT OF \$2,365,318 AND EXTEND THE AGREEMENT TERM TO JUNE 30, 2020

ISSUE:

Approve the First Amendment to Professional Consultant Services Agreement Engineering Services for Riverside Regional Water Quality Control Plan Update of the Integrated Master Plan for the Wastewater Collection and Treatment Facilities with Carollo Engineers, Inc., to increase the contract by \$595,354, total contract of \$2,365,318, and extend the agreement term to June 30, 2020, complete the 2016 Integrated Master Plan for Wastewater Collection and Treatment Facilities.

RECOMMENDATIONS:

That the City Council:

1. Approve the First Amendment to Professional Consultant Services Agreement Engineering Services for Riverside Regional Water Quality Control Plan Update of the Integrated Master Plan for the Wastewater Collection and Treatment Facilities with Carollo Engineers, Inc., to increase the contract by \$595,354, total contract of \$2,365,318, and extend the agreement term to June 30, 2020, and
2. Authorize the City Manager, or his designee, to execute the First Amendment to Professional Consultant Services Agreement with Carollo Engineers, Inc., including making any minor non-substantive changes.

BACKGROUND:

The Public Works Department maintains an Integrated Master Plan for Wastewater Collection and Treatment Facilities (Wastewater Master Plan) that provides a comprehensive review and evaluation of the City's wastewater systems. Based on the findings of the evaluation, the Wastewater Master Plan recommends improvements and financing alternatives to ensure regulatory compliance, aging infrastructure is repaired and/or replaced, continued reliable and

cost effective wastewater service is provided to customers and the City's General Plan is supported for planned growth of the community. The Wastewater Master Plan is typically updated every seven to ten years.

On October 26, 2010, the City Council approved the 2008 Wastewater Master Plan update along with the accompanying Environmental Impact Report. The 2008 Wastewater Master Plan identified a 20-year Capital Improvement Program (CIP) which included the Regional Water Quality Control Plant Phase 1 Rehabilitation and Expansion Project along with needed sewer collection system improvements.

On December 20, 2016, the City Council awarded a Professional Service Agreement with Carollo Engineers, Inc., in the amount of \$1,769,964 to complete the 2016 Wastewater Master Plan (RFP NO. 1631). The goal of the project is to reevaluate the 2008 Wastewater Master Plan treatment and collection infrastructure assessment and to update the 20-year CIP. In addition, to develop sewer rate and financing alternatives to fund required infrastructure investment. The project started in January 2017 and is scheduled to be complete by July 2019.

DISCUSSION:

On June 5, 2017, the City received a letter from California River Watch (River Watch), a nonprofit corporation, alleging a Notice of Violation and Intent to File Suit under the Federal Water Pollution Act (Clean Water Act). River Watch alleged violations of the Clean Water Act occurred from 2012 through 2017 in the operation and maintenance of the sewer collection system and reported sanitary sewer overflows.

In response to the River Watch notice, Public Works staff worked with the City's Attorney's Office to provide River Watch with documentation supporting the fact that the City is in compliance with all sewer collection system Federal and State regulations and standards. A Settlement Agreement was approved in January 2018. The Settlement Agreement includes program enhancements to the City's baseline sewer collection system operation and maintenance program. The City agreed to include these program enhancements as part of the 2016 Wastewater Master Plan project since it was in-progress and includes sewer collection system work.

In February 2018, staff requested a proposal from Carollo Engineers to incorporate the River Watch Settlement Agreement conditions into the 2016 Wastewater Master Plan project. Staff also asked Carollo Engineers to include other related tasks to evaluate and improve our program. The additional work impacts the original project schedule. The project is now scheduled to be complete by July 2020.

Below is the proposed Agreement Amendment scope of work:

1. River Watch Settlement Agreement Conditions
 - a. Additional sewer and manhole inspection and evaluation of about 220 miles of sewer lines in close proximity to designated blue line streams (published by United States Geological Survey). Development and implementation of a capital improvement program.
 - b. Procedural changes to the Sanitary Sewer Overflow response procedure and Chemical Root Control procedure.
 - c. Completion of a Laboratory compliance audit to ensure proper Quality Assurance & Quality Control methods and procedures.

- d. Completion and approval of an update to the Collections System Sanitary Sewer Management Plan.
2. Development of a Treatment System Cost Model to initiate performance based plant operation and budgeting.
3. Storm Water fee analysis including Senate Bill 231 passed in 2017 that redefines “sewer” to include storm water.
4. Tree Maintenance fee analysis as it relates to root intrusion and sanitary sewer line problems.
5. Complete an update to the cost of service and fee schedule for the treatment plant Septage & Organics Receiving stations. The stations take deliveries from private vendors.
6. Complete an update to the cost of service analyses for the Highgrove Development sewer service agreement. This will ensure uniformity between the agreement terms and the City’s sewer service and connection charge schedule.
7. Engineering analysis of the Wood Road Sewer Pump station.
8. Evaluation of water conservation and drought caused maintenance and odor impacts on the sewer collection system main trunk lines.

FISCAL IMPACT:

The First Amendment cost is \$595,354 for a total contract amount of \$2,365,318. Funds are available in the Sewer Fund account 9821323-440301 RWQCP Phase 1 Plant Expansion.

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. First Amendment to the Professional Services Agreement
2. Presentation