



City of Arts & Innovation

City Council Memorandum

TO: HONORABLE MAYOR AND CITY COUNCIL **DATE: APRIL 11, 2017**

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

SUBJECT: AWARD BID NO. 7452 FOR THE CONSTRUCTION OF THE FERRIC CHLORIDE PUMP AND STORAGE STATION TO SCW CONTRACTING CORPORATION, IN THE AMOUNT OF \$735,841

ISSUE:

Award a construction contract for Bid No. 7452 for the construction of the Ferric Chloride Pump and Storage Station to SCW Contracting Corporation, of Fallbrook, California, in the amount of \$735,841.

RECOMMENDATIONS:

That the City Council:

1. Award a construction contract for Bid No. 7452 – Ferric Chloride Pump and Storage Station to SCW Contracting Corporation, of Fallbrook, California, in the amount of \$735,841; and
2. Authorize the City Manager, or his designee, to execute the construction contract with SCW Contracting Corporation, including making minor non-substantial changes.

BACKGROUND:

The Riverside Regional Water Quality Control Plant (RWQCP) provides wastewater treatment service. A byproduct of the wastewater treatment process can be the formation of hydrogen sulfide gas as organic matter breaks down during treatment. It is important to control the formation of hydrogen sulfide gas for worker safety, corrosion and odor control. Hydrogen sulfide is a dense, colorless, odorous gas that can corrode infrastructures, like steel and concrete, and impairs the performance of wastewater treatment operations. Ferric chloride is a chemical that is highly effective in inhibiting the formation of hydrogen sulfide gas.

DISCUSSION:

The existing ferric chloride storage and feed system is approximately 30 years old. The storage

tank is past its useful life and needs to be replaced. The ferric chloride feed system is located at a separate location within the RWQCP and needs to be relocated due to safety and corrosion issues. The proposed project will demolish the existing system and build a new combined ferric chloride storage and feed system that will improve efficiency and worker safety.

On February 8, 2017, ten bids were received. The lowest responsive bid was from Cora Constructors, Inc., in the amount of \$735,841, which is 8.02% below the Engineer's estimate of \$800,000 for construction.

The Purchasing Services Manager concurs with the recommendations to award a construction contract as specified in this report.

FISCAL IMPACT:

There is no impact to the General Fund. The estimated total Project cost including construction, contingencies, inspection, project administration and engineering support is \$885,000. Sufficient funds are available in Sewer Fund Project Account number 9892823-440301 (Bio-Solids Handling Rehabilitation) to award the contract and complete the Project.

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

Attachments:

1. Location Map
2. Bid Recommendation