



Legislation Text

File #: 16-411, **Version:** 1

AUTHORIZATION TO ENTER INTO A CONSTRUCTION AGREEMENT WITH PCL CONSTRUCTION, INC., AND APPROVE THE EXPENDITURE OF FUNDS FOR WEST AREA WATER RECLAMATION FACILITY ODOR CONTROL AND DISINFECTION SYSTEM IMPROVEMENTS

Staff Contact: Craig Johnson, P.E., Director, Water Services

Purpose and Recommended Action

This is a request for City Council to authorize the City Manager to enter into a construction agreement with PCL Construction, Inc. for construction services and approve the expenditure of funds in an amount not to exceed \$2,458,000 for odor control and disinfection system improvements at the West Area Water Reclamation Facility.

Background

The West Area Water Reclamation Facility (WAWRF) commenced operations in 2001. This facility has a capacity of processing 11.5 million gallons per day (MGD) of raw sewage. Currently it treats approximately 5.5 MGD but it is expected to see a gradual and steady increase of flow due to growth in the west area of the city.

Resilience and reliability of all process equipment are essential for maintaining the rated treatment capacity and assuring compliance with all regulatory limits while supporting growth in the city. Facility process equipment needs periodic assessments and improvements to maintain effective operation.

After years of continuous operations, the odor control and disinfection systems have reached the end of their useful life and require significant rehabilitation and replacement with more efficient, eco-friendly, and reliable technologies.

Analysis

The Engineering Department advertised the Notice to Contractors (Project 121331) on July 7, 2016 for construction services. Five firms submitted sealed bids and were opened and evaluated on August 4, 2016. PCL Construction, Inc. was selected as the lowest responsive bid in the amount of \$2,458,000.

Previous Related Council Action

On June 23, 2015, Council approved a Professional Services Agreement with Wilson Engineers for the evaluation and design of odor control and disinfection system improvements.

Community Benefit/Public Involvement

Controlling odors at a water reclamation facility ensures quality of life for residents and businesses in the vicinity of our facilities and maintains a safe working environment for employees. Proper disinfection of plant's effluent assures regulatory compliance and public safety.

Budget and Financial Impacts

Funds are available in the Water Services FY 2016-17 Capital Improvement Plan budget.

Cost	Fund-Department-Account
\$2,458,000	2360-60008-550800, WAWRF - Phase IV
	2360-60008-551000, WAWRF- Phase IV

Capital Expense? Yes

Budgeted? Yes

Requesting Budget or Appropriation Transfer? No

If yes, where will the transfer be taken from?