

COUNCIL ACTION FORM

SUBJECT: WATER POLLUTION CONTROL FACILITY SLUDGE PUMPING BUILDING IMPROVEMENTS

BACKGROUND:

A comprehensive evaluation of the mechanical condition of the Water Pollution Control Facility was performed in 2012. The outcome of that evaluation was a prioritized schedule for the repair or replacement of key mechanical equipment associated with solids handling. The Water Pollution Control Facility (WPCF) Sludge Pumping Building Improvements Project is the final component of the Digester Improvements CIP Projects. The original scope identified in the FY 2014/15 CIP included replacement of three waste pumps. Upon further investigation, there are additional improvements that staff is recommending as described below.

Council initially issued a Notice to Bidders for this project on March 9th, 2021. Only two bids were received, and both exceeded the Engineer's Estimate. Council rejected all bids on April 27th, 2021. To increase interest in this project, staff has widened the construction window to include winter months. Furthermore, staff has included two additional pump manufacturers in an effort to increase competitive bidding.

This project will consist of replacing three pumps, seventeen valves, and floor grating located over the intermediate and final clarifier scum pits. In addition to the equipment replacement, the building basement, stairwell, and piping will have all existing coatings removed and be re-coated. **The revised engineer's estimate of probable construction cost is \$395,000 and reflects an increased cost of materials due to shortages associated with the coronavirus pandemic. The work was designed in-house, so there are no engineering fees.**

A summary of the project budget and estimated expenses follow below. The budget includes funds specifically allocated for this project, plus savings from earlier elements of the Digester Improvements Project. Additionally, staff proposes to increase the project budget in an amount equal to the insurance payment for damages to the digester cover. This will help offset the increase in equipment and materials and will be included during the FY 2021/22 early budget amendments.

Project Budget	
FY 2020/21 CIP	\$ 183,000
Digester Improvements CIP Savings	182,742
<u>Digester Cover Insurance Reimbursement</u>	<u>83,330</u>
Total Project Budget	\$ 449,072

Estimated Project Expenses	
Construction Estimate	\$ 395,000
<u>Contingency (~13.7% of construction estimate)</u>	<u>54,072</u>
Total Estimated Expenses	\$ 449,072

ALTERNATIVES:

1. Approve the preliminary plans and specifications and re-issue a Notice to Bidders for the Water Pollution Control Facility Sludge Pumping Building Improvements Project establishing June 23, 2021, as the bid due date and July 13, 2021, as the date of public hearing.
2. Do not approve the plans and specifications and a Notice to Bidders.

CITY MANAGER’S RECOMMENDED ACTION:

The equipment and coatings in the Sludge Pumping Building have reached the end of their useful lives. To ensure that the WPCF remains operational and continues to stay in compliance, these upgrades are necessary. The revised Notice to Bidders includes options that staff believes may be more attractive to potential bidders compared to the first time this project was bid.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No.1, as described above.