

COUNCIL ACTION FORM

**SUBJECT: WATER POLLUTION CONTROL FACILITY SLUDGE PUMPING
BUILDING IMPROVEMENTS PROJECT**

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. The savings from the Digester Improvements CIP projects and the digester cover insurance reimbursement will be used to cover the increased scope of work.

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.

City Council issued a Noticed to Bidders for this project on March 9, 2021. On April 14, 2021, bids were opened and two bids were received. Both were substantially higher than the Engineer's Estimate. City Council followed the staff recommendation and rejected all bids on April 27, 2021.

Staff widened the construction window to include additional time in the winter months and added two additional pre-approved pump manufacturers in an effort to increase competitive bidding. City Council reissued a Notice to Bidders on May 25, 2021.

On June 23, 2021, bids were opened. Three bids were received and are summarized below. As shown in the table, all three bids fell below the Engineer's Estimate.

Bidder	Total Project Bid
Woodruff Construction, Inc	\$369,700
Shank Constructors, Inc.	\$381,100
Minturn, Inc.	\$392,300
<i>Engineer's Estimate</i>	<i>\$395,000</i>

Woodruff Construction, Inc. is the lowest responsive, responsible bidder. Staff is confident in its ability to perform the work and recommends awarding the project to this firm. If this bid is accepted, the revised project expense with a 10% contingency included would be as follows.

Estimated Project Expenses

Construction	\$ 369,700
<u>Contingency (10% of construction)</u>	<u>36,970</u>
Total Estimated Expenses	\$ 406,670

The authorized project budget is shown below. The project was designed in-house, so there are no engineering fees.

Authorized 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

ALTERNATIVES:

1. Award a contract for the Water Pollution Control Facility Sludge Pumping Building Improvements Project to Woodruff Construction, Inc., of Ames, Iowa, in the amount of \$369,700.
2. Do not award a contract at this time.

CITY MANAGER’S RECOMMENDED ACTION:

The equipment and coatings in the Sludge Pumping Building have reached the end of their useful life. To ensure that the WPCF remains operational and continues to stay in compliance, these upgrades are necessary. Bids were solicited in accordance with the City’s Purchasing Policies and Procedures, and a responsive, responsible low bid was received that is below the Engineer’s Estimate and within the authorized project funding.

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