

**COUNCIL ACTION FORM**

**SUBJECT: WATER POLLUTION CONTROL FACILITY SCREW PUMP  
REPAINTING AND DRIVE REPLACEMENT**

**BACKGROUND:**

The Water Pollution Control (WPC) Facility has three Archimedes-style screw pumps that move wastewater during part of the treatment process. The pumps are original to the 1989 construction. The drives are the mechanisms that turn the screw, conveying the solids. Because of the age and condition of the drives, the 2012 condition assessment study recommended their replacement. The exposed metal portion of the screw pumps also needs to be repainted to protect the metal. While the two portions of this preventative maintenance project are not related, it is more efficient to perform both the drive replacement and the repainting at the same time.

On December 16, 2014, Council issued a Notice to Bidders to paint the screw pumps and replace the drives. Bids were opened for the project on February 11, 2015. Three bids were received and are summarized below:

<b>Bidders</b>	<b>Total Project Bid Price</b>
Woodruff Construction, LLC	\$276,700
Weidner Construction, Inc.	\$297,000
Ericksen Construction Co., Inc.	\$313,000

On August 12, 2014, Council approved a change in the sequence of the screw pump rehabilitation, delaying the painting portion (\$90,000) originally proposed in FY 13/14 and accelerating the drive replacement (\$250,000) originally proposed for FY 15/16. This allowed the entire work to be performed at the same time under a single construction contract, with an authorized budget of \$340,000.

Staff is familiar with and satisfied with the quality of work that has been performed by the low bidder, and all required contract paperwork has been submitted.

**ALTERNATIVES:**

1. Award the screw pump repainting and drive replacement contract to Woodruff Construction of Ames, Iowa in the amount of \$276,700.
2. Do not award a contract at this time.

**MANAGER'S RECOMMENDED ACTION:**

The WPC Facility's screw pumps are vital for the operation of the Facility, and the coating and drives on this equipment have reached the end of their useful life. Failing to address these issues now may result in significant failures in the future that could result in inefficient operation of the facility and ultimately in environmental harm.

Therefore, it is the recommendation of the City Manager that City Council adopt Alternative No. 1, thereby awarding the screw pump repainting and drive replacement contract to Woodruff Construction of Ames, Iowa in the amount of \$276,700.