

COUNCIL ACTION FORM

SUBJECT: WATER POLLUTION CONTROL FACILITY STRUCTURAL REHABILITATION PROJECT PHASE 2

BACKGROUND:

A comprehensive evaluation of the structural condition of the Water Pollution Control Facility (WPCF) buildings and structures was performed in 2012 by HDR Engineering. Based on that assessment, the facility is generally in overall good condition. However, the facility is more than 28 years old and is showing signs of age-related deterioration. As a part of the condition assessment, a schedule for structural rehabilitation was developed. The drivers for the schedule are the estimated remaining useful life in each structure and coordination with future improvements to the facility. Because of the piece work nature of this project, the work has been split into multiple phases.

On November 14, 2017, Council approved an engineering services agreement with HDR for the design of Phase 2 which includes the following elements: Repairs to the Administration Building entrance slab (\$184,000); repairs to joints in precast wall panels (all structures except trickling filter and Digester Complex) (\$450,000); stair support and sidewalk at SW clarifier stair (\$18,000); repair drainage and moisture issues around multiple structures (\$461,000), replacement of damaged PCC sidewalks, assessment and repair to the digester complex tunnel, and a structural review of the Trickling Filter Complex. **The Structural Rehabilitation project is included in the FY 2018/19 Capital Improvements Plan with a total project budget of \$1,113,000.**

On April 24, 2018, Council issued a Notice to Bidders for the structural repairs to the WPCF. Bids were opened on May 23, 2018. Three bids were received and are summarized below:

Bidder	Total Project Bid Price
Minturn, Inc.	\$558,600
Western Specialty Contractors	\$718,000
<i>Engineer's Estimate</i>	<i>\$743,000</i>
Woodruff Construction	\$776,396

Minturn, Inc. is the lowest responsible bidder. Staff has never worked with Minturn, Inc. before and has made several reference calls to ensure the contractor is capable of performing the work. Staff feels confident in their ability to perform the work and recommends awarding them the project.

The revised project cost is as follows:

Engineering fees	\$ 148,107
Construction	\$ 558,600
<u>Contingency (15%)</u>	<u>\$ 83,790</u>
Total project cost	\$ 790,497

ALTERNATIVES:

1. Award a contract for the Structural Rehabilitation Phase 2 Project to Minturn, Inc. of Brooklyn, IA in the amount of \$558,600.
2. Do not award a contract at this time.

MANAGER'S RECOMMENDED ACTION:

In order to preserve the significant investment in infrastructure at the Water Pollution Control Facility, periodic structural rehabilitation of buildings and structures is necessary. Because of the value and significance of the structures identified in this project, it is essential that rehabilitation be done prior to a structural failure. Therefore, it is the recommendation of the City Manager to adopt Alternative No. 1 as described above.