

**COUNCIL ACTION FORM**

**SUBJECT: WATER POLLUTION CONTROL FACILITY PRIMARY CLARIFIER  
RECOATING PROJECT**

**BACKGROUND:**

The City of Ames Water Pollution Control Facility (WPC) has eight clarifiers, four primary and four intermediate/final, that separate solids from the water in the wastewater treatment process. The paint systems on the metal equipment and concrete of the WPC facility primary clarifiers are failing, causing corrosion.

All eight clarifiers were originally coated in 1989 during construction of the WPC facility. Two clarifiers, one primary and one intermediate/final, were re-coated each year from 2007-2010. The coatings associated with the primary clarifiers have been failing over the years due to poor adhesion. To protect the concrete and steel from further deterioration, the coatings must be removed and re-applied to the structure. Staff has worked with coating consultants to select a coating system that will provide the needed protection. The original scope for this project consisted of sandblasting and re-coating the steel and concrete components for two clarifiers with a bid alternate to do two more clarifiers. **Over the course of the bidding phase, additional inspections were made to the steel components and it was determined that only one clarifier needed the steel components re-coated. An addendum was issued to change the scope to sandblast and re-coat the steel components on one primary clarifier, and the concrete structure on all four.**

On April 11, 2017 Council issued a Notice to Bidders for the WPC facility primary clarifiers re-coating. Bids were opened on May 10, 2017. Five bids were received and are summarized below.

Bidder	Total Project Bid Price
<i>Engineer's Estimate</i>	\$510,000
Mongan Painting Co., Inc.	\$538,431
Allen Blasting & Coating. Inc.	\$592,410
TMI Coatings, Inc.	\$634,500
Champion Coatings	\$636,000
Posposil Painting, Inc.	\$811,527

Mongan Painting Co., Inc is the lowest responsible bidder and it is recommended to award them the project. All bids received were higher than the estimated project cost.

The project schedule contributed to higher-than-anticipated bids as well as the cost of removing and disposing of blasting media from the site.

**The primary clarifier re-painting project is included in the amended FY 2016/17 Capital Improvements Plan in the amount of \$595,906.** This project was designed in-house so there is no expense for outside engineering fees.

**ALTERNATIVES:**

1. Award the WPCF primary clarifier re-coating contract to Mongan Painting Co., Inc., of Cherokee, Iowa in the amount of \$538,431.
2. Do not award a contract at this time.

**MANAGER'S RECOMMENDED ACTION:**

The original paint systems on the Water Pollution Control Facility clarifiers are failing, which has resulted in deterioration of the underlying equipment. It is in the City's best interest to remove the existing paint systems and apply new paint to ensure the long-term integrity of the WPCF equipment. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as stated above.