

COUNCIL ACTION FORM

SUBJECT: WATER POLLUTION CONTROL FACILITY STREET REPAIRS

BACKGROUND:

The Water Pollution Control Facility (WPCF) was originally graded and paved with asphalt in 1988 as a part of the original plant construction. Since the time of placement, the pavement has seen repeated heavy loads and many freeze and thaw cycles that have deteriorated the pavement and caused failure. The major pavement failures include fatigue cracking along with rutting and raveling. These issues with the pavement are a result of poor surface water drainage, along with the original design thickness of the asphalt not being able to meet traffic demands it must serve.

This project will consist of removing and replacing the existing failed pavement with both asphalt and concrete. Concrete will be placed in areas of heavy loading to prevent any asphalt rutting in the future. To reduce material cost for the project, the millings from the existing pavement will be used to repair areas of poor sub-base and also resurfacing the granular roads at the facility. Along with removing and replacing the pavement, minor grading to the facility will be included to help improve the drainage of the site.

On October 13, 2015, Council issued a notice to bidders. Staff opened bids on November 12, 2015. The bids are summarized below.

Bidder	Base Bid	Concrete Option	Asphalt Option	Add Alternate	Total
Manatt's, Inc.	\$171,965.48	No Bid	\$183,768.00	\$51,168.00	\$406,901.48
Absolute Concrete	\$164,528.00	\$199,849.60	No Bid	\$46,945.00	\$411,322.60
Engineer's Estimate					\$425,000.00
Con-Struct, Inc.	\$161,267.90	\$231,404.80	No Bid	\$39,160.00	\$431,832.70

This project was bid with the option of asphalt or concrete construction and an add alternate to replace curb, gutter, and sidewalks associated with the Administration Building. The total amount, including the "add alternate," came in under the estimated project cost.

The work was jointly designed in-house by the Water & Pollution Control and Public Works Departments at a charge to the project account of \$613. The total project cost

including engineering fees is \$407,514.48. This project was included in the 2013/14 Capital Improvements Plan for the amount of \$450,000.

ALTERNATIVES:

1. Award a contract for the WPCF street repairs project to Manatt's, Inc., of Ames, Iowa, in the amount of \$406,901.48.
2. Do not award a contract at this time.

MANAGER'S RECOMMENDED ACTION:

The existing pavement at the WPCF has exceeded the original design life and has started to fail in the past several years. These failures are due to poor drainage and heavy loads that the facility sees on a regular basis. The low bid, including a bid alternate for select curb, gutter, and sidewalk repairs, is below the engineer's estimate. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as stated above.