



TO: Mayor Chuck Barney
Members of the City Council

FROM: Jason Sorenson

DATE: January 22, 2018

**SUBJECT: WASTEWATER TREATMENT FACILITY HYDRAULIC IMPROVEMENTS
(PROJECT NUMBER 4202)**

I. RECOMMENDED ACTION

1. Recommend council award the bid to Wagner Construction in the amount of \$5,968,520.00 for the WWTF Hydraulic Improvements project.

II. DEPARTMENT CONTACT PERSONS

Dan Jonasson, Director of Public Works 857-4140
Jason Sorenson, Assistant Director of Public Works 857-4140

III. DESCRIPTION

A. Background

On January 16, 2018 the City of Minot received sealed bids for the Wastewater Treatment Facility Hydraulic Improvements project. There were four bids received and Wagner Construction was the lowest responsible bidder in the amount of \$5,968,520.00.

B. Proposed Project

This project will replace and upsize piping from the aeration ponds to the stabilization cells. The existing pipe is undersized and not capable of conveying peak flows to the stabilization ponds. The replacement line is being constructed such that it will serve to convey wastewater to a mechanical wastewater treatment plant sometime in the future. These improvements are also necessary as an interim measure, until the wastewater plant is constructed to maximize the treatment capacity of our existing lagoons and wetlands we currently use for treatment before discharging to the river.

C. Consultant Selection

Apex was competitively selected in 2011 to provide a study for wastewater treatment facility planning. The City has an existing task order agreement with Apex for general wastewater engineering services. Due to Apex's extensive knowledge of the City's complex wastewater system they were selected to continue working on this project.

IV. IMPACT:

A. Strategic Impact:

N/A

B. Service/Delivery Impact:

NA

C. Fiscal Impact:

Project Costs

Construction Cost Estimate	\$7,500,000.00
Actual Construction Cost	\$5,968,520.00
Design Engineering	\$502,660.00
Construction Engineering	<u>\$411,440.00</u>
Total Project Cost	\$6,882,620.00

Project Funding

An application has been sent to the State for a 2% loan through State Revolving Fund (SRF). The project will be paid for using SRF and Oil and Gas Revenues. If this loan is not received the project will be paid for using utility bonds.

V. ALTERNATIVES

N/A

VI. TIME CONSTRAINTS

N/A

VII. LIST OF ATTACHMENTS

*Letter Recommending Award
Bid Tabulation*