



TO: Mayor Chuck Barney
Members of the City Council

FROM: Dan Jonasson, Director of Public Works

DATE: 5-18-2017

SUBJECT: SUNDRE RAW WATERLINE AND RESERVOIR SYSTEM P#4195

I. RECOMMENDED ACTION

1. Recommend approval of the engineering amendment with Houston Engineering.
2. Authorize the Mayor to sign the agreement

II. DEPARTMENT CONTACT PERSONS

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

III. DESCRIPTION

A. Background

Basic design services were expanded to cover finding a site location for the reservoir and pump station, which took extra effort due to unwilling land owners. In addition extra negotiations for land purchase, easements for the pipeline and design of repairs and upgrades to well D in the sundre well field were added to the project. Finally, additional engineering was required for the rebidding of the project.

B. Proposed Project

*Replacing an old fiberglass line with a smaller pressure line that can be maintained and parts are available for.
Providing a mixing of ground water with the lake water prior to final treatment at the Minot WaterPlant.*

Provide raw water storage from the sundre field of approx. 2 million gallons, which will reduce the amount of storage needed on the line coming from the water plant at Max.

C. Consultant Selection

Houston Engineering was chosen for the design and Construction engineering under the state requirements for engineering selection. Houston has completed the design, projects were bid in two separate plan sets in April and the reservoir bids were rejected by Council and rebid. This contract amendment is for the additional design engineering services.

IV. IMPACT:

A. Strategic Impact:

This is the major raw water source for the City of Minot and NAWS system

B. Fiscal Impact:

Funding for this project was approved by City Council at the March 2016 Council meeting.

The Design Engineering in total was estimated at not to exceed \$745,300

This amendment would increase the design engineering by \$60,000 to \$805,300

Funding for this project is from NAWS sales tax cash reserves. 65% of the cost will be reimbursed by the State Water commission on a future NAWS project.

V. **TIME CONSTRAINTS**

Council's approval of the recommendation will allow the project to be bid, designed and constructed within the 2017 construction season.

LIST OF ATTACHMENTS

Place your list of attachments here, in order they were referenced in the document. For example:

- A. Amendment to task order K – Houston Engineering - \$60,000

Approved for Council Agenda: _____

Date: _____