



TO: Mayor Shaun Sipma
Members of the City Council

FROM: Jason Sorenson, Asst. Director of Public Works

DATE: April 12, 2022

SUBJECT: **DRILLING NEW SUNDRE WELL (PROJECT NUMBER 4681)**

I. RECOMMENDED ACTION

1. Recommend council waive the minor bid irregularity and award the bid to drill a new well in the Sundre Wellfield to LTP Enterprises in the amount of \$349,916.00
2. Recommend council authorize the mayor to sign contracts on behalf of the City.

II. DEPARTMENT CONTACT PERSONS

Dan Jonasson, Director of Public Works	857-4140
Jason Sorenson, Asst. Director of Public Works	857-4768

III. DESCRIPTION

1. Background

The new well is being constructed to increase raw water capacity to help ensure water is available during the hot summer months when demand is high. The new well will also help supply the NAWS distribution system that is currently supplied by the City of Minot on an interim basis until water from Lake Sakakawea is available.

2. Proposed Project

This project will bring in a well drilling company to develop a new well in the Sundre Aquifer. Due to the criticality of having the capacity required to handle high water demand during the hot summer months, it is important that the new well deliver as much water as possible. There are currently two wells that deliver nearly 2000 gallons per minute each. The well driller will first drill test wells to find an area in the aquifer that will delivery an additional 1500-2000 gpm. Once a location is identified, a new well will be drilled and developed. A subsequent project will be bid to add electrical components and connect the new well to the existing raw water system.

On Tuesday, April 12, 2022 bids were opened for the new well project. One bid was submitted by LTP Enterprises in the amount of \$349,916.00. During the opening it was noted that the contractor had not checked an acknowledgement of an addenda. Since this isn't a statutory requirement for bidding of public improvements, and minor irregularities can be waived by the city council, the bid was opened. After speaking with the contractor, the bid price submitted was reflective of the design as amended.

3. Consultant Selection

Houston Engineering was previously selected as part of an RFQ to provide engineering services for water related projects.

IV. IMPACT:

1. Strategic Impact:

The Water Department understands the importance of reliable drinking water and strive to ensure disruptions to service are kept to a minimum. The addition of a new well provides some needed redundancy to the well water supply and will be a great benefit during hot summer months when demand is high.

B. Service/Delivery Impact:

Water rationing and outages are never popular. Redundancy in raw water supply will help ensure water is available and residents can use water without interruption.

C. Fiscal Impact:

Project Costs

Estimate of costs:

Engineering	\$125,000.00
Well Development	\$349,916.00

An additional project will be bid for electrical service and piping to raw water line.

Project Funding

NAWS funding was allocated to this project in the amount of 65% of the total costs. The remaining 35% will be funded using NAWS sales tax dollars.

V. ALTERNATIVES

Alt 1. The Council could deny waiving of the bid irregularity, reject bids and rebid the project. This alternative results in delays to the start of this project.

VI. TIME CONSTRAINTS

High water demands generally start in June. It would be ideal to allow this project to commence as soon as possible.

VII. LIST OF ATTACHMENTS

A. Bid Review Letter