

TO: Mayor and City Council

FROM: Dan Howard, Public Works Director

SUBJECT: Portable Pressure Tanks

MEETING DATE: Tuesday, June 7, 2022

BACKGROUND

When the water tower is taken offline for rehabilitation, we will need a temporary system in place to maintain water pressure. Public Works contacted Municipal Well and Pump for a quote to install a portable pressure tank system. The cost of the system would be \$21,790 for the first 4 weeks and \$370 per week thereafter.

REQUESTED COUNCIL ACTION

I respectfully request a motion and approval to accept the quote of \$21,790 for the first 4 weeks and \$370 per week thereafter from Municipal Well and Pump as recommended by the Public Works Commission.



04/27/2022

City of Cannon Falls
Wes Anway
918 River Road
Cannon Falls, MN 55009

RE: Provide Temporary Pressure System

Dear Wes,

Thank you for the opportunity to provide the attached cost proposal to provide a temporary pressure system while the water tower project is in motion. Without the 1,000,000-gallon elevated tower online, the city would have to run pumps continuously for weeks at a time for maintaining pressure. This could lead to premature pumping equipment failure.

Municipal Well and Pump (MWP) has extensive knowledge on pumping equipment throughout the Midwest. We are a trusted service provider for vertical turbine pumps, submersible pumps, split-case horizontal pumps, and centrifugal pumps. We can install our portable pressure tanks in systems that will tailor to their operation. The tanks are very diverse for operational set up.

MWP is proposing to set up two (2) 3,000-gallon portable pressure tanks. The system pressure will be controlled by a pressure controller that is connected to the pressure transmitter, wired through the existing VFD or motor control starter. In addition, we will be providing an air balancing controller and air compressor. MWP will provide two (2) pressure blow-off valves to enable the utility to operate the system in blow-off mode, in the event there would be any control issues.

Please review the following scope of work and its associated costs.

I. Install Temporary Pressure System

1. Load equipment at the Waupun, WI shop and mobilize to the City of Cannon Falls, MN.
2. Install two (2) 3,000-gallon portable pressure tanks on the distribution system near the booster station.
3. Sanitize and flush tanks.
 - a. Utility personnel must collect two (2) bacti samples for each tank 24 hours apart per code.
4. Provide and install temporary pressure controls.
5. Provide and install air compressor and automatic air balancing equipment.
6. Provide and install pressure relief valves.
7. System rental included.

Lump sum costs.....\$21,790.00

8. System Rental after four (4) weeks of operations.....**\$370.00/week**

Notes:

- Price includes bacteriological sample kits.
- Price includes temporary pressure system set up, training, and removal.
- Proposal assumes the City of Cannon Falls, MN Utility personnel will be able to collect the bacti samples due to MN regulations.
- Proposal assumes the portable pressure tanks can be placed without interfering with day-to-day activities.
- Labor good for **90 days**.

We would like to thank you for the opportunity to submit this proposal for your review and consideration. Should you have any questions or concerns regarding this proposal, please contact our offices at your earliest convenience. We hope that our proposal meets your approval and that Municipal Well and Pump will earn the right to be your preferred water supply services provider.

Respectfully,

Municipal Well & Pump

Chris Ferguson

Chris Ferguson
Project Manager

Accepted By: _____

Title: _____

Date: _____