

TO: Mayor and City Council

FROM: Dan Howard, Public Works Director

SUBJECT: Replacement of VFD at Well 4

MEETING DATE: Tuesday, March 15, 2022

BACKGROUND

The VFD (Variable Frequency Drive) that operates Well Pump #4 is no longer operational, is obsolete, and parts are no longer available due to the age of the equipment. Well #4 is out of service at this time. Automatic Systems will install a new VFD for \$9,989.00.

REQUESTED COUNCIL ACTION

I respectfully request a motion and approval to accept the quote of \$9,989.00 from Automatic Systems to replace the VFD for Well Pump #4 as recommended by the Public Works Commission.



AUTOMATIC SYSTEMS CO.

Monday, February 28, 2022

Mr. Wesley Anway
Utility Supervisor
City of Cannon Falls
918 River Road
Cannon Falls, MN 55009

Reference: Cannon Falls, MN Pumphouse No. 4 Well Pump VFD Replacement

Dear Wesley,

Per the city's email request to our Ms. Jane Kramer we are pleased to offer the following proposal to replace the faulted Well Pump No. 4 100HP Variable Frequency Drive. This proposal includes:

- A One (1) **Eaton DG1 100 HP VT Variable Frequency Drive**, NEMA 1, 480Vac, 3-Phase, 60 Hz, output current 140A. Drive dimensions 34.98" H x 11.34" W x 13.41" D.

- B One (1) **Lot of Professional Services to include:**
 - Removal of existing VFD.
 - Installation of new VFD.
 - Programming, and testing of new drive.
 - Travel and Mileage.

Your price for items A and B, FOB factory with freight allowed to jobsite including one (1) year warranty ...**\$9,989.00** (plus tax unless ST-3 form on file).

The above price for items A & B does not include any:

- Sales or use tax (tax exempt with ST-3 form on file).

Thank you very much for the opportunity of providing you with the above proposal, should you wish to proceed with an order please sign on the space provided below and return a copy to this office.

We look forward to hearing from you, should you have any questions please do not hesitate to give us a call.

MANUFACTURERS REPRESENTATIVES

- MAIN OFFICE P.O. BOX 120359
- BRANCH OFFICE P.O. BOX 787
- BRANCH OFFICE

SYSTEMS INTEGRATION

- ST. PAUL, MINNESOTA 55112 PHONE 651-631-9005
- AMES, IOWA 50010 PHONE 515-232-4770
- CHICAGO, ILLINOIS PHONE 815-927-3386

INSTRUMENTATION

- FAX (651) 631-0027
- FAX (515) 232-0795
- FAX (651) 631-0027

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Sincerely,

Todd E. Riley

Todd E. Riley
Automatic Systems Company

Items A & B: Pumphouse No. 4 Well Pump VFD Replacement

Accepted by: _____ Date: _____

Cc: Ms. Jane Kramer, ASC