

September 15, 2014

To: Mayor Bemrich and City Council

From: David Fierke, City Manager

**Subject: Approving Work Authorization 2275-45
Replacing Variable Frequency Drives for Pump #2 at the
Riverside Lift Station**



ACTION: For vote Monday, September 22, 2014

Brief History

Replace a variable frequency drive on lift station pump #2 at the Riverside Lift Station.

Analysis of Issue

Attached is Work Authorization Request 2275-47 from US Water for the replacement of a variable frequency drive at the Riverside Lift Station. Automatic Systems will install, wire, program, and start-up the replacement drive for a cost of \$22,705.00. US Water will be paid \$3,676.16 to administer the request including the installation and start-up. The total cost of the project is \$26,401.16.

Budget Impact

This item will be funded with Sanitary Sewer Utility funds.

Strategic Plan Impact

NA

Impact on Existing Plans

NA

Committee Review / Recommendation

NA

Staff Conclusions / Recommendations

Staff recommends approving Work Authorization Request 2275-47 from US Water at a cost of \$26,401.16.

Alternatives

None

Implementation and Accountability

US Water will be responsible for overseeing this project.

Signed

Approved



Chad W. Schaeffer, P.E.
City Engineer

David Fierke
City Manager



AUTOMATIC SYSTEMS CO.

August 18, 2014

Mr. Michael Lane
USW Utility Group
dba US Water Services Corporation
1801 Avenue O
Fort Dodge, IA 50501

SUBJECT: Riverside Lift Station Pump #2 Variable Frequency Drive - Replacement

Dear Mr. Lane,

Below please find pricing to replace your failed/obsolete Allen-Bradley 1336 Variable Frequency Drive.

- A One (1) PowerFlex 753 Variable Frequency Drive 200HP ND/150HP HD, 480VAC, including Remote HIM Module, Installation, Wiring, programming and startup services. Includes engineering services to update Operation & Maintenance manuals to include interconnect drawings between new VFD and existing control panel. One (1) year warranty from date of startup.

Your net price for Item A.....**\$22,705.00 PLUS APPLICABLE TAX**

Thank you very much for the opportunity to provide 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. If you should have any questions please don't hesitate to give me a call.

Sincerely,

Sara Bathie
Automatic Systems Company

Accepted by: _____ Date: _____

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