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

Staff Conclusions / Recommendations

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

<u>Alternatives</u>

None

Implementation and Accountability

US Water will be responsible for overseeing this project.

Signed

Approved

Mr. Schuff

Chad W. Schaeffer, P.E. City Engineer

David Fierke City Manager



WORK AUTHORIZATION REQUEST

Water and Wastewater Operations, Maintenance, Engineering, Design, Management Providing Innovative Solutions Encompassing the Water and Wastewater Industry INVOICE #2275-47 DATE: AUGUST 27, 2014

EXPIRATION DATE

1801 Ave O - Fort Dodge, IA 50501 Phone 515.955.4484 Fax 515.573.2212 mmoler@uswatercorp.net

TO City of Fort Dodge, IA 819 1st Ave South Fort Dodge, IA 50501 515.576.3601

SALESPERSON	JOB	SHIPPING	SHIPPING TERMS	DELIVERY DATE	PAYMENT TERMS	DUE DATE
Automatic Systems	Riverside LS	N/A	N/A			

QTY	ITEM #	DESCRIPTION	UNIT PRICE	DISCOUNT	LINE TOTAL
1		Riverside LS Pump #2 Variable Frequency Drive - Replacement			\$22,705.00
		PowerFlex 753 variable frequency drive 200HP ND/150HP, 480VAC, including remote HIM module, installation, wiring, programming & start-up services.			
		Includes engineering services to update Operation & Maintenance manuals to include interconnect drawings between new VFD & existing control panel. One (1) year warranty from date of start-up			
				SUBTOTAL	\$22,705.00

	SUBTOTAL	\$22,705.00
А	CONTRACTORS DMINISTRATION & OVERHEAD	\$3,696.16
	TOTAL	\$26,401,16

8-28-14

Quotation prepared by: Michael Moler, Project Manager

Sme

This is a quotation on the goods named, subject to the conditions noted below: (Describe any conditions pertaining to these prices and any additional terms of the agreement. You may want to include contingencies that will affect the quotation.)

To accept this quotation, sign here and return: by: Mayor Matt Bemrich ____

DATE

THANK YOU FOR YOUR BUSINESS!



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.

PowerFlex 753 Variable Frequency Drive 200HP ND/150HP HD, 480VAC, including Remote One (1) A 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.

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 REPRESENTITIVES SYSTEMS INTEGRATION INSTRUMENTATION

MAIN OFFICE

BRANCH OFFICE

BRANCH OFFICE

P.O. BOX 120359

P.O. BOX 787

ST. PAUL, MINNESOTA 55112 AMES, IOWA 50010 CHICAGO, ILLINOIS

PHONE 651-631-9005 PHONE 515-232-4770 PHONE 815-927-3386

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