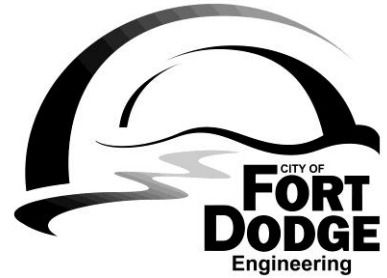


July 7, 2014

To: Mayor Bemrich and City Council
From: David Fierke, City Manager
Subject: Approving Work Authorization 2275-44
Telemetry Upgrade
Riverside Lift Station



ACTION: For vote Monday, July 14, 2014

Brief History

The plant currently uses a PLC processor and Panelview communications via DH+ communications. To allow better communication with the Waste Water Treatment Plant, modifications and upgrades need to be made.

Analysis of Issue

Attached is Work Authorization Request 2275-44 from US Water for the upgrade to an Ethernet processor for the interface to the new radio. Panel modifications shall be complete with an Allen-Bradley SLC 5/05 Processor with Ethernet Communications, compact flash memory module, Ethernet switch, MDS iNet 900 ethernet radio, lightning protection, fuses and terminal. The existing operator interface will be upgraded to an Allen-Bradley Panelview plus 6 1000 Operator Interface. The total cost of the project is \$27,302.33.

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 2275-44 from US Water at a cost of \$27,302.33.

Alternatives

None

Implementation and Accountability

US Water will be responsible for overseeing this project.

Signed



Chad W. Schaeffer, P.E.
City Engineer

Approved



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 #2275-44
 DATE: MAY 29, 2014

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

EXPIRATION DATE

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

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

QTY	ITEM #	DESCRIPTION	UNIT PRICE	DISCOUNT	LINE TOTAL
		Riverside LS Telemetry Upgrade: to include modifications as required for radio communications to the WWTP. The existing PLC processor will be upgraded to an Ethernet processor for interface to the new radio. The existing Panelview communications via DH+communications & will be upgraded to an Ethernet operator interface.			
		Panel modifications shall be complete with an Allen-Bradley SLC 5/05 Processor with Ethernet Communications, compact flash memory module, Ethernet switch, MDS iNet 900 ethernet radio, lightning protection, fuses & terminals. The existing operator interface will be upgraded to an Allen-Bradley Paneview plus 6 1000 Operator Interface.			\$23,480.00
SUBTOTAL					\$23,480.00
CONTRACTORS ADMINISTRATION & OVERHEAD					\$3,822.33
TOTAL					\$27,302.33

Quotation prepared by: Michael Moler, Project Manager

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: Matt Bemrich, Mayor

DATE

THANK YOU FOR YOUR BUSINESS!