

December 16, 2014

To: Mayor Bemrich and City Council

From: David Fierke, City Manager

Subject: Approving Work Authorization 2275-50
Purchase E. Coli Testing Equipment for Wastewater Treatment Plant



ACTION: For vote Monday, December 22, 2014

Brief History

The Wastewater Treatment Plant is required to test for E. Coli and they would like to perform the testing in-house versus sending samples to an outside laboratory. There is a required maximum hold time of 6 hours for sample collection and transportation set by both the EPA and IDNR. As frequency and quantity of analysis increases, the available time to transport samples to a laboratory in Cedar Falls, IA decreases. Any disruption in travel or laboratory operations locally can result in the 6 hour hold time not being met. This would result in any samples being transported to be invalid.

Analysis of Issue

Testing in-house would eliminate the cost of transportation and analysis by a third party laboratory. Over time this will become a cost savings. Below is an estimate of the cost of transportation:

4 hours of packaging and transport time per trip	\$ 72
Mileage of 200 miles at \$3/gallon per trip	\$ 42
Total per trip	\$ 114
15 sample events per year	TOTAL PER YEAR: \$1,710

Attached is Work Authorization Request 2275-50 from US Water to purchase E. Coli testing equipment for the Wastewater Treatment Plant. IDEXX Laboratories will supply the equipment listed on the attachment for a cost of \$6,158.77. US Water will be paid \$1,002.59 to administer the installation of the equipment. The total cost of the project is \$7,161.36.

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 2275-50 from US Water at a cost of \$7,161.36.

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 #2275-50
DATE: DECEMBER 4, 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
IDEXX Laboratories	USW Lab	N/A	N/A			

QTY	ITEM #	DESCRIPTION	UNIT PRICE	DISCOUNT	LINE TOTAL
1		IDEXX Quanti-Tray Sealer			\$3,938.00
		Mini Incubator HP 13500			\$1,540.00
		Accessories:			
		Colilert/QTray2K Combo			\$166.00
		Vessels			\$16.00
		6-Watt Fluor Lamp			\$148.00
		Viewing Cabinet			\$211.00
		Shipping			\$139.77
					SUBTOTAL \$6,158.77
					CONTRACTORS ADMINISTRATION & OVERHEAD \$1,002.59
					TOTAL \$7,161.36

Quotation prepared by: Michael Moler, Project Manager

12/4/14

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!



QUOTE

Number / Date
20130988 / December/01/2014

Ship to Address

US WATER UTILITY GROUP-
FORT DODGE WWTP
1801 AVE O
FORT DODGE IA 50501
UNITED STATES
UNITED STATES

Sold to Address

US WATER UTILITY GROUP-
FORT DODGE WWTP
1801 AVE O
FORT DODGE IA 50501
UNITED STATES
UNITED STATES

Bill-to Customer 291163

Net weight : 18.374

Quote valid through 12/23/14

Material ID Commodity/COO	Description Batch	Exp.Date	Quantity Backorder item	UnitPrice	Total Value
99-10893-01	SEALER, WQTS2X-115V, 2X Q		1	3,938.00	3,938.00
8422309187/US					
99-19150	COLILERT/QTRAY2K COMBO 20		2		
3822005090/					
98-12972-00	WP020I GAMMA IRRAD COLILE		2		
3822005090/US					
98-14854-00	WQT2K-20 QUANTI-TRAY 2000		2		
3926909910/US					
98-09220-00	WV120SBST-20, VESSELS W/ST		2		
3926909910/US					
98-09227-00	WQT2KC, PRE-DISP.QT 2000		1		
3822005090/US					
98-29000-00	UN3373-WQC COLIFORM / E.		1		
3822005090/US					
95-29043-00	WPT-WW MICRO		1		
/					
Items total					3,938.00
Freight Value					56.60
Tax total					275.66
Total amount					USD 4,270.26
=====					

All local taxes at customer charge



QUOTE

Number / Date
20130989 / December/01/2014

Ship to Address
US WATER UTILITY GROUP-
FORT DODGE WWTP
1801 AVE O
FORT DODGE IA 50501
UNITED STATES
UNITED STATES

Sold to Address
US WATER UTILITY GROUP-
FORT DODGE WWTP
1801 AVE O
FORT DODGE IA 50501
UNITED STATES
UNITED STATES

Bill-to Customer 291163

Net weight : 16.054

Quote valid for 60 days.

Material ID Commodity/COO	Description Batch	Exp.Date	Quantity Backorder item	UnitPrice	Total Value
99-19150 3822005090/ 98-12972-00 3822005090/US 98-14854-00 3926909910/US 98-09220-00 3926909910/US 98-0001197-00 9018907560/US 98-20724-01 8539490040/US 98-21322-00 8539900000/US	COLILERT/QTRAY2K COMBO 20 WP020I GAMMA IRRAD COLILE WQT2K-20 QUANTI-TRAY 2000 WV120SBST-20, VESSELS W/ST MINI INCUBATOR H-P 135000 WL160,6 WATT FLUOR LAMP WCM10 UV VIEWING CABINET		1 1 1 1 1 1 1 1	166.00 16.00 1,540.00 148.00 211.00	166.00 16.00 1,540.00 148.00 211.00
Items total					2,081.00
Freight Value					83.17
Tax total					145.67
Total amount				USD	2,309.84
=====					

All local taxes at customer charge