

REQUEST AUTHORIZATION FOR MAYOR AND FINANCE OFFICER TO SIGN PROFESSIONAL SERVICES AGREEMENT OR AMENDMENT

Date:

Project Name & Number: Rapid City SCADA System, Water Reclamation Facility Expansion
Project No. WRF02-1186

CIP #:

Project Description: Provide supervisory control and data acquisition system for the City of Rapid City's Water Reclamation Facility.

Consultant: U.S. Filter

Original Contract Amount: \$440,620.00

Original Completion Date: December 2003

Amendment Number: 1

Amendment Description: Provide upgraded PLCs and programming to accommodate the addition of several on-line wastewater monitoring devices.

Current Contract Amount:	\$440,620.00	Current Completion Date:	December 1, 2003
Change Requested:	\$10,317.65		
New Contract Amount:	\$450,937.65	New Completion Date:	December 1, 2004

Funding Source This Request:

Amount	Dept.	Line Item	Comments
\$10,317.65	833	4223	
\$10,317.65	Total		

Agreement Review & Approvals

	27 Sep 04		27 Sep 04
<small>Project Manager</small>	<small>Date</small>	<small>Division Manager</small>	<small>Date</small>
			10-1-04
<small>Department Director</small>	<small>Date</small>	<small>City Attorney</small>	<small>Date</small>

ROUTING INSTRUCTIONS

Route two originals of the Agreement for review and signatures
 Finance Office - Retain one original
 Project Manager - Retain second original for delivery to Consultant
 cc: Public Works
 Engineering
 Project Manager

FINANCE OFFICE USE ONLY

(Note to Finance: Please write date of Agreement in appropriate space in the Agreement document)

<small>Date</small>	<small>Initials</small>	<small>Approved</small>
10/5/04		
<small>Appropriation</small>		N
<small>Cash Flow</small>		N

AMENDMENT NUMBER 1 TO THE AGREEMENT
BETWEEN THE CITY OF RAPID CITY AND
U.S. FILTER CONTROL SYSTEMS INC. FOR
PROFESSIONAL SERVICES
SCADA SYSTEM, WATER RECLAMATION FACILITY EXPANSION
PROJECT NO. WRF02-1186
U.S. FILTER NO. 020326DMH1 REV E.

The above referenced Agreement made on the 3rd day of September, 2002 by and between the City of Rapid City, South Dakota, hereinafter referred to as the OWNER, and U.S. Filter Control Systems, Vadnais Heights, Minnesota., hereinafter referred to as the Contractor, is hereby amended to read as follows:

Contractor to provide additional SCADA programming and supplies as per attached change order documentation. Amendment is for provision of upgraded PLCs and programming to accommodate the addition of several on-line wastewater monitoring devices.

Payments to Contractor: For the changes described above, the not-to-exceed fee shall be increased Ten Thousand Three Hundred Seventeen Dollars and Sixty Five cents. (\$10,317.65).

All other terms and conditions of the Original Agreement, as amended, and not specifically modified by this Amendment shall remain in effect.

ATTEST:

CITY OF RAPID CITY

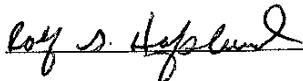
City Finance Officer

Mayor

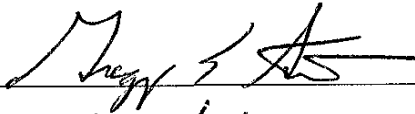
(SEAL)

ATTEST:

U.S. FILTER CONTROLS SYSTEMS INC.



Contracts Administrator
Title



Vice President - Finance
Title

(SEAL)

STAFF ACCEPTANCE

David W. Chen

Superintendent Water Rec.
Title



Control Systems
1239 Willow Lake Blvd Telephone 651-766-2700
Vadnais Heights, MN 55110 Facsimile 651-766-2701

September 3, 2004

To: Dave VanCleave
City of Rapid City, SD

From: Alex Figueiredo

Subject: Change Order documentation

Reference: SCADA system for WWTP

This is the change order documentation per your request.

MODIFICATIONS TO PLC PANELS

PRETREATMENT PLC

- 1) Addition of pH monitoring at the Influent Flow Channel (Instruments by City)
 - Additional Allen-Bradley 1746-N14 Analog Input module (1)
 - Programming services for PLC and SCADA system to monitor and display Influent pH range, Influent Water Temperature, High and Low pH alarms (Addition of 2 AI and 2 DI)

\$1,400.00

PRIMARY SLUDGE PLC

- 2) Addition of 4 Sludge Level transmitters to measure Primary Sludge level (Instruments by City)
 - Additional Allen-Bradley 1746-N14 Analog Input Module (1)
 - Programming services for PLC and SCADA system to monitor and display four sludge levels. (4 AI)

\$1,700.00

SECONDARY PLC

- 3) Addition of 4 Current Monitors for the Trickling Filter Pumps (Monitors by City)
 - Additional Allen-Bradley 1746-N14 Analog Input Module
 - Programming services for PLC and SCADA system to monitor and display motor current for trickling filter pumps. (4 AI)

Addition of programming services for monitoring and control of the Process Water system at the secondary Bldg. Run and Fail indication for 2 process water pumps, process water tank high and low level alarms. (2 DI and 2 DO)

\$2,300.00

CHLORINE PLC

- 4) Addition of pH sensor in Effluent Flow Channel (Instrument by City)
 - Additional Allen-Bradley 1746-N14 Analog Input Module (1)
 - Programming services for PLC and SCADA system to monitor and display Effluent flow pH range, Effluent Water Temperature, High and Low pH alarms. (Addition of 2 AI and 2 DI)
- \$1,400.00

NOTE: City to provide installation and wiring for above items 1) to 4)

ADMINISTRATION BUILDING

- 5) Administration Bldg: Add one CAT 5 Data Run to lower level Maintenance Room Directly below SCADA Panel for third computer location.
- \$323.53

OLD ADMINISTRATION BUILDING

- 6) Old Admin Bldg: Installation and wiring of a new stainless reed float assembly by Ametek for HI-LOW pump Start and alarm. Includes sensor pipe, wire and flanges as needed.
- \$3,194.12

The total price for this change order is \$10,317.65

If you have any questions, please let us know.