



Total Control Systems, Inc  
38841 Nyman Drive NE  
PO Box 40  
Stanchfield, MN 55080-0040  
Phone 320-396-4442 / Fax 320-396-4443

January 4th, 2023

To: Parish Barten

Re: St. Francis, Minnesota – WTP PLC Upgrade

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**Total Control Systems, Inc. (TCS)** proposes the following equipment and services for the City of St. Francis SCADA system. Supply and configure new PLC components for WTP. Convert existing PLC software application to new PLC platform & make corrections not accounted for in conversion. Update FTView & Win911 software applications for new address structure.

**Hardware For WTP - SCP**

- Qty. 1 - 5069-L320ER Compactlogix CPU
- Qty. 1 - 5069-SERIAL Compactlogix Serial Card For Radio Communications
- Qty. 1 - 1769-AENTR Ethernet Network Module
- Qty. 3 - 1769-PA4 Power Supply
- Qty. 1 - 1769-ECR Right End Termination Card
- Qty. 2 - 1769-CRL3 Expansion Cable
- Qty. 13 - 1769-IQ16 DC Input Card
- Qty. 6 - 1769-OW16 Relay Output Card
- Qty. 4 - 1769-IF8 Analog Input Card
- Qty. 2 - OF8C Analog Output Card
- Qty. 1 - 60W 24 VDC Power Supply

Includes: Install & configure all hardware & software  
Verify all SCADA Functions

**Total Project Cost: \$42,542.00 (NO Tax Included)**

**Does not include-**

Sales Tax (Exempt)

- We acknowledge receipt of Addendum No. .
- Terms are Net 30 days from invoice date. No retainage allowed. A 1.5% charge per month added to any past due balance. Price may be dependent on past credit history.
- This quote/proposal valid for 30 days.
- Work to commence after receipt of an acceptable written purchase order acknowledging acceptance of our terms.
- F.O.B. job-site. Freight allowed
- Start-up service/training, documentation and equipment adjustment is included as specified.

If you have any questions regarding our proposal, please contact our office. We look forward to working with you on this project.

Sincerely,

**TOTAL CONTROL SYSTEMS, INC.**

Kraig LaFreniere  
KL/kd