

June 3, 2019 Q219016-R2 526 S. MAIN STREET SUITE 412 AKRON, OH 44311 PHONE: (330) 294-0089 FAX: (330) 294-0084 sales@SOSIntegration.com

Subject: City of Hudson WTP Brine Well Controls

We appreciate the opportunity to provide you with an Additional PLC for the City of Hudson Water Treatment Plant which will incorporate the VFD brine pump controls and integration. The new controller will be installed in the existing control cabinet at the water treatment plant. We will communicate with the Brine VFD via Modbus TCP/IP link over a customer provided Fiber Optic Link. The fiber will ensure, isolation and surge protection. The pressure transducer will be wired to the VFD on an available Analog input point by the contractor. No control wire will be required between brine well and treatment.

This project includes:

Brine Pump VFD PLC - Treatment Plant (PLC)

- Installation and startup of new controller in existing control Panel in plant
- New Schneider Momentum PLC with 16DI/16DO module, 8AI module
- Create PLC logic for Brine pump operation
- UPS installation for power backup and additional surge protection

Brine Pump VFD PLC \$10,700.00

Operator Interface Terminal for Treatment Plant

• Group Schneider 15" Magelis Operator Interface terminal

Operator Interface Terminal \$7,450.00



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Brine Loadout Station (RTU):

We will integrate new control system into existing SCADA system. Panel will be NEMA 4x- 36"h x 36"w x 10"d. We will provide all necessary panel components for a fully functional telemetry panel (i.e. power supply, terminal block, wire way etc.).

- New Schneider Momentum PLC with 16DI/16DO module, 8AI module
- Create PLC logic for Loading Station operations
- (2) Ubiquity Ethernet radios and required accessories (antenna & cable)
- UPS installation for power backup and additional surge protection
- Engineering submittals
- Contract Documentation and Required training
- Excludes: Pushbutton Station and Readout

	Brine Loadout Panel Tota	l: \$16,000.00
	Project Total:	\$34,150.00 Total
This quote is valid for 90 days . If you have	ave any questions concerning thi	s quotation, please call.

Standard Terms and Conditions of Sale

We offer our standard **TERMS AND CONDITIONS OF SALE** as Attachment 1 (sent on request). Issuance of an order or acceptance of this proposal constitutes acceptance of the included conditions and all conditions in Attachment 1.

IN WITNESS WHEREOF, the undersigned individuals have executed this Buyers Agreement on the day and year set forth below.

Company:	
Name/Title:	
Date:	
PO Number:	
OPTIONS:	