



ADDENDUM | No. 3

PROJECT	Vermillion WWTF Digester Improvements - 2018
BID DATE	2:00 PM July 17, 2018
BID LOCATION	City Engineer/Vermillion City Hall 25 Center Street, Vermillion, SD 57069
ISSUE DATE	July 13, 2018
NOTICE	Failure to acknowledge all addenda in the BID may cause rejection of the BID. See Instructions to Bidders.

SCOPE OF THIS ADDENDUM

The following becomes a part of the original project manual and drawings, taking precedence over the items that may conflict. The bidder shall note receipt and make acknowledgment of the Addendum on his/her bid form, incorporating its provision in his/her bid.

PROJECT MANUAL

The following additions, changes and clarifications have been made to the Project Manual.

Section 409100 – Process Measurement Devices

Add to Appendix A:

The document provided as an attachment with this Addendum.

NOTE

The Plan Holders List and Addendums are available on our website at <http://www.bannerassociates.com> by clicking on **View Bid Information / Project Name / Project Information** link.



Project Manual and Drawing inquiries regarding the work should be directed to:

CONTACT PERSON(S)

Banner Associates, Inc. Tel 1-605-692-6342 | Toll Free 1-855-323-6342 | Fax 1-605-692-5714

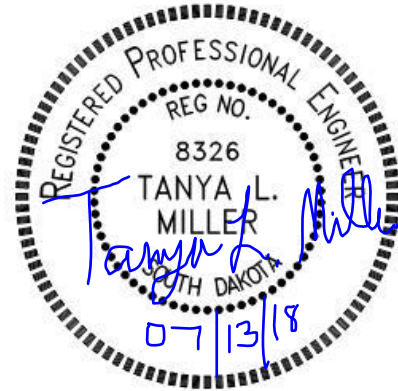
Tanya Miller	Project Manager	tanyam@bannerassociates.com
Dennis Rebelein	Project Engineer	dennizr@bannerassociates.com

Subconsultant Tel | Fax

Mark Joffer	Electrical Engineer	mark.joffer@pegroupengr.com
Brian Brewer	Mechanical Engineer	bbrewer@brewer-engr.com

ATTACHMENTS

1. In Control Proposal



Tanya Miller, P.E. #8326



PROPOSAL # QN18061301-01

To: General Contractors

Date: June 15, 2018
From: Troy Neurauter
Valid: 180 days
Page: 1 of 4

Attn:

Re: Vermillion SD WWTF Digester Improvements

We are pleased to provide our proposal for materials and services as part of this project for the City of Vermillion, engineered by Banner Associates.

Proposed includes the responsibilities of Control System Integrator listed in Section 40 0000:

Control System Integrator – The Control System Integrator shall be a sub-contractor of the General Contractor for this project and provide all the labor and materials necessary for the modification to the existing PLC control panel and SCADA Interface required in this project and provide terminals for all the sensors and control devices specified in other sections. The Control System Integrator will be responsible for the following:

- a. The hardware modifications to the existing PLC panel
- b. Hardware testing of Digester PLC control panel
- c. Overseeing and verifying the field connections and functionality of all sensors and devices provided in other sections of the specifications that are connected to the PLC system
- d. Assisting with the start-up and field verification of the various control loops in the system
- e. Updating the O&M Manuals regarding all equipment supplied for the PLC control system.
- f. Coordinate with Process Equipment Supplier (Boiler and Recirculation Pumps) supplied by equipment vendors on the project.
- g. Define and refine the control loop requirements with the Engineer.
- h. Modify and test PLC programs for the PLC Control System.
- i. Modify HMI software interface screens and reports.

In Control is the approved Control System Integrator listed in Section 40 9000 and have been working with the owner since 2005. We shall be responsible for the coordination of all aspects of control system work including:

- a. Interfacing of control system via the existing Network.
- b. Interfacing of controls with instruments and equipment,
- c. Testing of control systems,
- d. Coordinating with the Electrical Sub-Contractor, Process Equipment Suppliers, and Instrumentation Suppliers,
- e. Coordination with the Engineer,
- f. Provide all necessary Operator Training,
- g. Provide system checkout and repair during the warranty period, and
- h. Provide complete system documentation.



Materials and Services Proposed

1. Base Bid

- a. Modification to Digester Control Panel:
 - i. Provide PLC components for fully functional system
 - ii. Provide panel components as necessary to interface with field signals defined
- b. Provide local controller and HMI modifications to meet control functions defined
- c. Provide SCADA modifications to meet control functions defined
- d. Provide at least two (1) day system start-up assistance after installation and wiring is complete.
- e. Furnish temperature transmitters:
 - i. TT-301, Boiler 1 Temp, (mechanical to provide thermal well length)
 - ii. TT-302, Sludge Return Temp, (mechanical to provide thermal well length)
- f. Furnish (3) Local Control Stations, Nema4x, J-O-R with indicator
 - i. BP-1, Boiler Pump 1
 - ii. HWP-3, Hot Water Pump 3
 - iii. HWP-4, Hot Water Pump 4
- g. Biogas Flow Meter provided by others, see Section 43 1300. Contact us for a separate proposal to furnish this device.
- h. Modifications to existing MCC provided by others. Contact us for a separate proposal to furnish these devices/services.

2. Alternate #1

- a. Modification to Digester Control Panel:
 - i. Provide PLC components for fully functional system
 - ii. Provide panel components as necessary to interface with field signals defined
- b. Provide local controller and HMI modifications to meet control functions defined
- c. Provide SCADA modifications to meet control functions defined
- d. Provide at least one (1) day system start-up assistance after installation and wiring is complete.
- e. Furnish (2) pressure switches
 - i. PS-301, Sludge Transfer Pump 1
 - ii. PS-302, Sludge Transfer Pump 2
- f. Furnish (4) Local Control Stations, Nema4x, J-O-R with indicator
 - i. DRP-1, Digester Recirculation Pump 1
 - ii. DRP-2, Digester Recirculation Pump 2
 - iii. STP-1, Sludge Transfer Pump 1
 - iv. STP-2, Sludge Transfer Pump 2
- g. Modifications to existing MCC provided by others. Contact us for a separate proposal to furnish these devices/services.



In Control, Inc.
10350 Jamestown Street NE
Blaine, MN 55449
Phone: (763) 783-9500

The values for our portion of the **Vermillion SD WWTF Digester Improvements** are:

Base Bid Allocation	\$ 25,000.00
Alternate 1 Allocation	\$ 18,000.00

All pricing is USD net total excluding sales and use taxes. If applicable, tax exemption forms must be supplied at time of order. Freight is included, FOB shipping point. Changes or modifications not previously documented, including Addendums, may result in additional charges.

Our proposal does not include the following:

- Removal, demolition or disposal of existing equipment
- Receiving and storage of equipment after shipment
- Field installation of equipment, enclosures, instrumentation or other products provided
- Fasteners or mounts, wire, raceway or fittings required for field installed products
- Termination of any field wiring such as line power, control signals, instrumentation, etc.
- Normal and customary items provided by a general or electrical contractor

Thank you in advance for the consideration of our offer and for the opportunity to work together. Should you have any questions regarding this proposal, please contact me directly at your convenience. I look forward to hearing from you soon to secure and coordinate this project.

Best Regards,

Troy Neurauter

IN Control | Sales & Consulting

Office: (763) 873-9500 Ext. 2005

Mobile: (612) 434-4375

tdneur@in-ctrl.com



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10350 Jamestown Street NE
Blaine, MN 55449
Phone: (763) 783-9500

Standard Terms and Conditions of Sale

These terms and conditions are in effect between the party ("Purchaser") issuing the purchase order ("Order") and IN CONTROL, INC. ("IN CONTROL").

1. **ACCEPTANCE** – Acceptance of this Order will be in writing within thirty (30) days of Order receipt. Acceptance will be based on compliance with the acceptance criteria set forth herein. Upon acceptance, this Order will constitute the entire agreement between IN CONTROL and Purchaser, supersede all prior negotiations, discussions and dealings and may not be modified or rescinded except by a writing signed by both Purchaser and IN CONTROL.
2. **TERMINATION** – If the Purchaser chooses to terminate this Order, the Purchaser will pay to IN CONTROL reasonable and proper cancellation charges, which may include a reasonable and customary profit only on Goods and Services accepted to date of receipt of the notice of cancellation.
3. **ATTORNEY FEES** - If either party commences or is made a party to an action or proceeding to enforce or interpret this Order, the prevailing party in such action or proceeding will be entitled to recover from the other party all reasonable attorneys' fees, costs and expenses incurred in connection with such action or proceeding or any appeal or enforcement of any judgment obtained in any such action or proceeding.
4. **COUNTERPARTS** - This Order may be executed in any number of counterparts, and each such counterpart will be deemed to be an original instrument.
5. **INDEMNIFICATION** - Purchaser will indemnify IN CONTROL and its customers and hold them harmless from and against any and all claims, actions, proceedings, costs, expenses, losses and liability, including all reasonable attorneys' fees, costs and expenses, arising out of or in connection with or relating to any Goods or Services furnished by Seller pursuant to this Order, including without limitation all product liability claims and any claims involving personal injury, death or property damage. The obligations set forth in this Section will survive the termination or fulfillment of this Order.
6. **LIMITATIONS OF LIABILITY** - In no event will IN CONTROL be liable in contract, tort, strict liability, warranty or otherwise, for any special, incidental or consequential damages, such as, but not limited to, delay, disruption, loss of product, loss of anticipated profits or revenue, loss of use of the equipment or system, non-operation or increased expense of operation of other equipment or systems, cost of capital, or cost of purchase or replacement equipment systems or power.
7. **LIQUIDATED DAMAGES** – Unless otherwise agreed to in writing between the Purchaser and IN CONTROL, IN CONTROL will not accept liquidated damages.
8. **NONWAIVER** - The failure by IN CONTROL to enforce at any time, or for any period of time, any of the provisions hereof will not be a waiver of such provisions nor the right of IN CONTROL thereafter to enforce each and every such provision.
9. **PAYMENT TERMS** - The payment terms are net thirty (30) days after invoice date. If an invoice dispute arises, the Purchaser will notify IN CONTROL within ten (10) days of receipt of invoice. In Control reserves the rights to stop all work should a payment default occur, including but not limited to startup of equipment. The undisputed amount of the invoice will be paid within the payment terms. All reasonable attempts will be made between both parties to resolve the disputed portions of the invoice within the payment terms.
10. **REMEDIES** - Remedies herein reserved to IN CONTROL will be cumulative, and in addition to any other or further remedies provided in law or equity.
11. **TRANSPORTATION** - Unless otherwise specified, all deliveries from IN CONTROL will be F.O.B. factory, freight prepaid.
12. **WARRANTY** - IN CONTROL warrants that the Goods and Services furnished will be of good quality, free from defects in material, design and workmanship will conform to the specifications, drawings, or samples and are suitable for their intended purpose(s). The warranty from IN CONTROL will be in force for eighteen (18) months after shipment or twelve (12) months from startup, whichever is shorter. IN CONTROL reserves the right to terminate warranty should the Purchaser's account be in arrears.