

ADDENDUM TO INVITATION TO BID

PROJECT: **BID #D00424 – STAUNTON CROSSING – ELEVATED WATER
STORAGE TANK**

DATE: **MAY 10, 2024**

ADDENDUM: **2**

The following items represent changes, modifications and/or clarifications to the Contract Documents for this project.

CLARIFICATIONS:

1. In reference to the Response to Question #3 of Addendum 1, the City will contract directly with Valley Automation. Valley will provide the SCADA panel to be installed by the Contractor. Valley Automation's Scope is provided as an enclosure to this Addendum.

ENCLOSURES:

1. Draft of Valley Automation Proposal for Tank SCADA Services (cost section redacted)

RESPONSE MUST ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON BID FORM

All other terms and conditions remain the same.



May 10, 2024

Mr. Lyle Hartt
City Engineer
City of Staunton
116 W. Beverly St.
Staunton, VA 24401

RE: Staunton Crossing Utility Improvements / Elevated Tank

Mr. Lyle Hartt:

Thank you for contacting the offices of Valley Automation. Per request, we are providing a quotation to provide services as described in the Scope of Work. Valley Automation Inc. is a certified SWaM business and VA Class A Contractor. Valley Automation Inc. is a Rockwell Silver Level certified Systems Integrator. Valley Automation Inc. is an Inductive Ignition certified integrator.

Valley Automation shall provide following goods and services as presented in specifications for the Staunton Crossing Utility Improvements – Phase 2 and Staunton Crossing Elevated Water Tank, including addendums. In general, Valley Automation Inc. shall provide one (1) SCADA/RTU control panel and instrumentation as detailed below in the scope of work. Please note, per the engineer, the flow meter as described in plan drawing E.1.1 is not required.

Scope of Work:

Valley Automation shall provide the following items:

SCADA/RTU Control Panel –

- Enclosure, NEMA 4, with subpanel, ground bar, ground strap, and light kit.
- Transient Voltage Suppressor System, TVSS, on main power 120VAC 1P 20A.
- Panel control panel indicator light.
- Main power circuit breaker, 120VAC 1P 20A.
- Circuit breaker and fuse protection as required.
- Programmable Logic Controller with input and output modules, with 20% spares, as required.
- Surge Protective Devices, SPD, on all analog input and output circuits.
- Cellular Modem for SCADA.
- Ethernet Network Switch.



- Uninterruptible Power Supply, 120VAC, 1-Phase, rated for 20A.

Instrumentation, per drawing E.1.0 –

- Four (4) Temperature switches: T1, T2, T3, and T4.
- Two (2) Door Switches: DS1 and DS2.
- One (1) Tank Level Pressure Transducer.

Note: The following devices are provided by “others” but are monitored by the SCADA/RTU control.

- *Generator/ATS status signals.*
- *Mixer Combination MCP.*
- *Obstruction Lighting Panel (OLP).*

To accomplish satisfactory completion of this project, Valley Automation will provide the following services:

Engineering –

- Project Management
- Design
- Submittals
- Programming – PLC, SCADA/HMI, Cellular Modem
- Factory Acceptance Test – VAI will submit a F.A.T. plan to the engineer and customer for approval. This is a witnessed F.A.T. and shall be conducted at our Wallace Panel Shop.
- Site Supervision – interface with other contractors, provide loop drawings for electrical contractor, and guide VAI technicians.
- Commissioning – Power and IO Testing
- Site Acceptance Testing – VAI will submit a S.A.T. plan to the engineer and customer for approval. This is a witnessed S.A.T. It will fully test the operation of the control system at the site and SCADA interface at the Water Plant. The project is considered to be complete upon acceptance of the S.A.T.

Technician/Shop –

- Panel Fabrication with UL508 certification.
- Factory Acceptance Testing, F.A.T., support.
- Shipping
- Onsite terminations within our SCADA/RTU panel.
- Commissioning and Site Acceptance Testing support.



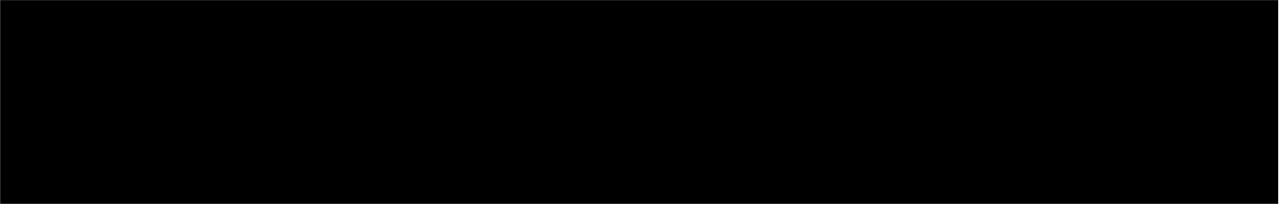
City of Staunton shall provide the following goods and services to satisfactorily complete this project:

- Safe work environment per OSHA requirements. VAI shall submit a daily work plan with a safety section that addresses hazards and LOTO procedures.

Exclusions –

- Valley Automation Inc. shall not run conduit, wires, or cables. Nor install panels or other devices. This work shall be performed by the electrical contractor or others.
- Valley Automation Inc. excludes any work outside of the stated scope of work above. VAI will not provide installation, programming, or commissioning services for third party provided equipment.

Costs:



Valley Automation, Inc. shall be held harmless for any delays regarding delivery of equipment. Current delays from vendors are out of the control of Valley Automation, Inc. Immediate procurement shall take place for all hardware items upon receipt of a purchase order. Valley Automation, Inc. shall update the customer on anticipated delivery dates as information is presented for review.

Payment Schedule / Milestone Payments:

1. Valley Automation Inc. shall use a Schedule of Values format for applications for payment.
2. The Schedule of Values shall use progress payments based on performance task completion.
3. Performance tasks and percentage of value shall be determined by contract between Valley Automation Inc. and Mr. Lyle Hartt.

All work to be performed during normal business hours, Monday – Friday, 8 a.m. to 5 p.m. Any additional work, or work outside of normal business hours, shall be performed at Valley Automation Inc. Standard Rates. [See Appendix A]

Valley Automation, Inc is prepared to start on this project upon the receipt of a purchase order. Receipt of purchase order signifies City of Staunton acceptance of all terms and conditions described in the Scope of Work.



Valley Automation Inc. appreciates the opportunity to provide City of Staunton this proposal for your consideration. If you have any questions, please contact Patrick Embry or Greg Kempfer.

Patrick C. Embry
Sr. Systems Engineer – Owner
Valley Automation, Inc.
1316 East Main St.
Luray, VA 22825
O: (540) 743-7772
C: (540) 271-3854

Greg Kempfer
Sr. Automation Engineer
Valley Automation, Inc.
3221 Peoples Drive, Suite 160
Harrisonburg, VA 22801
O: (540) 433-3666
C: (540) 810-5285

Sincerely,
Greg Kempfer
Sr. Automation Engineer
Valley Automation, Inc.