

**Westminster SCADA Upgrade
Addendum #1**

Questions Received Before Pre-Bid Meeting (Answers)

None.

Pre-Bid Meeting

Attendees:

Alfred Nix III (Westminster)
Scott Parris (Westminster)
Chris Todd (Westminster)
Tim Borow (Westminster)
James Marlow (Lord and Company)
Eddie Noyes (ICS Automated)
Jim Bercik (Southern Flow Inc.)
Maurice Rios (Soup Engineering)
Alex Pero (Ceragon Networks)

Notes:

1. Site map, photos, and specifics are available upon request to Water and Sewer Supervisor Chris Todd at ctodd@westminstersc.org.
2. Added that the Status of VFD needed to be added to SCADA
3. River Pumps have 2 buildings but 1 Radio

Questions Received at Pre-Bid Meeting February 12, 2026 (Answers)

1. Was Fiber primary and Radio Backup for communication?
 - a. Clarity to Primary radio with backup fiber options. To remove system “offline and stay offline as much as possible.”
2. Did the City know status of City Fiber at Plant and who was responsible for terminating or equipment?
 - a. Fiber status is currently unknown and responsibility falls to qualified System Integrators (CSI)
3. Who was responsible for fiber service to locations?
 - a. The City will have service installed to optical panels. CSI is responsible for the optical panel to RTU.

Questions Received Before February 20, 2026 (Answers)

1. Is a payment and performance bond required for this project or only a bid bond?
 - a. Both are required. Refer to City procurement policy.

2. Could you provide us with the previous bid submissions and reasons for rejection to ensure that we do not make the same mistakes?
 - a. All information is available with FOIA Request. Reasons for rejections were sent to each bidder. Formal Memo is also available by FOIA request.
3. Are there performance standards for the radio telemetry system that the radio propagation analysis and the installed system will be measured by?
 - a. No. Needs to be a working system. Less than 1% intermittent communication issues in 30days.
4. Are 2 Servers and 2 Operator Workstations required or only 2 Server/Operator Workstations?
 - a. 2 Workstations – 1 Primary and 1 Redundant backup.
5. The RFP requires the export and import of existing alarms and events history from Lookout to the new VTScada System. Is the existing historical data to be converted and imported into VTScada?
 - a. No, only alarms of existing system but historians will be reset.
6. If taller poles or towers are required to meet the performance criteria who is responsible for providing that?
 - a. See Part B – Radio Installation/4. Antennas, Structures, & Transmission Line/ a, b, c, & d
7. If the UPS will not fit in current enclosures can they be left outside in indoor locations or do we need to provide an enclosure for them?
 - a. No UPS should be inside the enclosure.
8. How many of the sites have Fiber communications active? What is the furthest distance from a fiber optic panel to an RTU?
 - a. Please refer to pictures of sites. Unknown distance. Site visits were recommended and made available to all prospective bidders for the purpose of evaluating existing configurations and overall system requirements. Failure to conduct a site visit shall not relieve the CSI of responsibility for providing a complete and functional reporting system.
9. Do you have a product specified for the Ethernet Bridge to the pond and River Intake Buildings?
 - a. No product has been specified.
10. Does The City have a Tax Exemption Certificate available?
 - a. No, the City is Not Tax Exempt.
11. What are the geographical coordinates of each remote location?
 - a. All locations were represented in pictures, along with a map.
12. Please provide photographic records showing the following (where applicable): existing PLC/RTU panels, communication equipment, fiber optic infrastructure, bridges, proposed installation locations for radio enclosures, mast, antenna, and routing of antenna, Ethernet, and electrical cabling.
 - a. Please refer to pictures of sites. No other pictures will be taken. Site visits were recommended and made available to all prospective bidders for the purpose of evaluating existing configurations and overall system requirements. Failure to conduct a site visit shall not relieve the CSI of responsibility for providing a complete and functional reporting system.
13. Can the City provide an I/O list for each site?
 - a. No, the City does not have this information.

14. Please clarify why fiber optic communication (reliable, stable, immune to electromagnetic interference, and capable of higher data rates) is specified as a backup communication medium rather than as the primary communication link.
 - a. This was stated in Pre-Bid Questions.
15. Item 9 of Part B – “set up to be operated... with fiber backup”: Please clarify whether each site has fiber optic infrastructure installed, including fiber optic cabling, FO patch panels, fiber-to-Ethernet converters, and communication switches.
 - a. Please refer to pictures of sites. Site visits were recommended and made available to all prospective bidders for the purpose of evaluating existing configurations and overall system requirements. Failure to conduct a site visit shall not relieve the CSI of responsibility for providing a complete and functional reporting system.
16. To verify whether the communication equipment supports failover functionality, please specify the manufacturer and model of the communication equipment at each site.
 - a. Please refer to pictures of sites. Site visits were recommended and made available to all prospective bidders for the purpose of evaluating existing configurations and overall system requirements. Failure to conduct a site visit shall not relieve the CSI of responsibility for providing a complete and functional reporting system.
17. For remote sites, is it possible to use a mast for antenna installation? Please evaluate and confirm the minimum required height, mounting location, and the cable length from the antenna to the radio enclosure.
 - a. See Part B – Radio Installation/4. Antennas, Structures, & Transmission Line/ a, b, c, & d
18. Will the Client provide a 120 VAC backup power system (UPS) for the SCADA system? Which ones we must replace?
 - a. The existing UPS system may be utilized; however, it must provide sufficient runtime to substantially exceed the minimum time required to notify operators of a power failure. If the current UPS does not meet this requirement, CSI shall be responsible for providing and installing a replacement UPS system.
19. How many reports are expected to be configured in VTScada?
 - a. The exact number of reports is unknown. The CSI shall identify, recreate, and fully configure all existing reports currently operating on the City’s existing SCADA servers. The CSI is responsible for reviewing the existing system, determining the total number of reports, and including all associated labor, configuration, testing, and commissioning costs within their bid.
Bidders shall reference the provided site photographs and available system documentation for general scope clarification. Site visits were recommended and made available to all prospective bidders for the purpose of evaluating existing configurations and overall system requirements. Failure to conduct a site visit shall not relieve the CSI of responsibility for providing a complete and functional reporting system.
20. Do you have specific time for Training?
 - a. No, Training will be staggered and vary due to shift and availability.
21. Can the existing PLCs/RTUs support connections from multiple SCADA systems simultaneously, or are they limited to a single SCADA master connection?
 - a. Unknown, please refer to pictures of sites. Site visits were recommended and made available to all prospective bidders for the purpose of evaluating existing configurations and overall system requirements. Failure to conduct a site visit shall not relieve the CSI of responsibility for providing a complete and functional reporting system.

22. How many years of licensing are required for the FortiGate 60F: 1, 3, or 5 years?

- a. 1 year

Part B – Radio Installation

4. Antenna Structures

a. Use of Existing Structures

The CSI shall utilize existing City-owned poles, tanks, buildings, or other suitable structures for antenna and radio equipment installations whenever feasible and technically appropriate.

b. New or Taller Structures

If taller poles, masts, or tower structures are required to meet SCADA radio performance criteria, including signal strength and line-of-sight requirements, the CSI shall be fully responsible for the design, engineering, permitting, procurement, installation, and all associated costs of such structures. Supporting documentation, including radio path studies or propagation analysis, shall be submitted to justify the need for any new or extended structure.

c. City Approval

No new pole, mast, or tower shall be installed without prior written approval from the City. The City reserves the right to deny installation if it determines that:

- Existing structures are sufficient;
- The proposed structure is unnecessary or excessive; or
- The installation conflicts with safety, zoning, aesthetic, or operational considerations.

d. City Assistance

At the City's discretion, the City Staff may assist with the installation and procurement of Power poles as needed. Such assistance shall not relieve the CSI of responsibility for proper design, engineering, performance compliance, or any associated project requirements.