

**ADDENDUM NO. 2  
To the Contract Documents  
City of White Salmon, Washington  
SCADA Upgrade 2023**

**November 17, 2023**



**Revised Bid Date: November 21, 2023, 3:00 p.m.**

The following additions, deletions, and modifications shall be made to the Contract Documents.

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**I. RESPONSE TO BIDDER QUESTIONS**

Questions from Bidders have been received and reviewed. The responses to these questions are summarized in the "Response to Bidder's Questions Form", which is attached to this Addendum.

**- END OF ADDENDUM NO. 2 -**

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Attachment:

- Response to Bidder's Questions Form

**CITY OF WHITE SALMON - SCADA UPGRADE 2023  
RESPONSE TO SUBMITTED BIDDER QUESTIONS**

No.	Question	Response
1.	Is there a plan to have a server host at least some software?	No server is planned.
2.	Alarm call outs – are all format requirements necessary (i.e., voice, SMS, and e-mail)?	Yes, at this point; to be decided during development.
3.	How many screens, alarms, and tags are on the existing SCADA system?	Approximately 20 screens, 200 alarms, and 500 tags.
4.	What is the current software of the existing SCADA system?	Rockwell Automation RSView32
5.	What type of reporting and number of reports are required for the new system?	Three are anticipated: 1) Department of Health System-wide Water Quality, 2) ASR, and 3) Water Use Efficiency. Actual number determined during development.
6.	Is there really a need for alarms and colors to be configurable by the user or can this be established and standardized prior to development?	Configuration should be established prior to development. The description for “configurable by the user” is not meant to be by the operator during operations, but rather to provide the developer with choices and not being “lock-in” to specific sounds or colors. That is, the development portion of the SCADA system is required to be flexible and not “fixed”.
7.	What is the purpose of importing tag information from the controller(s)? How is this an operations requirement?	The intent is to provide the Owner with complete, fully documented PLC programs and not undocumented or “partially” documented programs.
8.	VPN Connection and remote access software – should this be accomplished by the Contractor or the Owner’s IT personnel?	Assume Successful Bidder furnishes VPN hardware and software and coordinates supplying these items with the Owner’s IT provider, Radcomp.
9.	What remote functions need to be added for all remote stations, per Owner? Is there PLC programming in the existing controllers to allow for remote operations already in place?	<ul style="list-style-type: none"> <li>- Waubish Lift Station – no (remote) control; monitoring only (under this project).</li> <li>- Heritage Plaza Lift Station – no existing remote controls in PLC; provide remote controls as required.</li> <li>- All other sites with pumps: assume none of the existing PLCs have remote operations and provide as required. Coordinate with the Owner on desired remote operations, including lead selection (lag/lag-lag to be automatically set based on selected lead), start/stop pumps, reset VFDs, and setting of setpoints (both operational and alarm). All logic for running pump stations shall be in the respective PLCs, not within the SCADA system.</li> </ul>
10.	Can the connection redundancy be defined?	The Master SCADA computer (City Shop) and Remote SCADA computer (Grand Ronde BPS) should be “identical” and full operation and backup exist at both. Should communications between these sites be severed, each will continue to collect data from all other sites. Data for both stations is to be synchronized (both ways, as necessary) when communications reestablished. Setpoints shall be stored in the respective PLC system(s) and read by both SCADA computers. No actual “control” logic shall reside in the SCADA computers.
11.	How many historical points are anticipated?	300.
12.	Should there be a firewall for the Buck Creek Starlink connection?	Assume firewall hardware for Buck Creek to be furnished by the Owner’s IT Provider: Radcomp. Successful Bidder to coordinate with Radcomp.

No.	Question	Response
13.	Buck Creek WTP panel doesn't have any room for additional analog points. Were they planning on field wiring later?	No. Per the drawings, the existing 4-channel analog expansion modules are to be replaced with Spectrum Controls, 8-channel analog input expansion modules.
14.	The specs call for a software-based alarm package, but we've been using alternate means/method. Can we use this alternate means/method?	Bid using the software dialer pursuant to the specifications. The application of an alternate means/method can be reviewed and discussed during development.
15.	Does the City have record drawings of the SCADA system in digital format?	Yes, some. However, there is insufficient time to issue any as part of the bidding process. The existing record drawings would be provided to the Successful Bidder for during review after contract award.
16.	What type of communications connection is proposed for the Segment 1 sites?	Refer to Sheet E2. Mowinet will be providing a private, wireless connection in conjunction with the Owner's IT provider, Radcomp. Successful Bidder will need to coordinate all communications elements with Radcomp.