Addendum #1 – Water Utilities Supervisory Control and Data Acquisition (SCADA)

October 7, 2025

1. Question: Is there a bill of materials for the existing panel?
   Answer: No, a bill of materials for the existing panel is not currently available.

2. Question: What are the dimensions of the panel & backplate?
   Answer: The panel box dimensions are 24"(height) by 20" (width). The dimensions of the backplate have not been provided.

3. Question: Is there a spec for this project or site?
   Answer: There is not formal specification for this project or site beyond what is included in this RFP

4. Question: Are there any preferred manufacturers or platforms?
   Answer: No preferred manufacturers or platforms have been identified. Selection is open based on project requirements and best fit.

5. Question: Are we modifying the existing equipment or replacing it with a new panel?
   Answer: The intent is to modify the existing equipment if possible; replacement will only be considered if necessary.

6. Question: Do the existing devices have analog outputs (4-20mA or 0-10V outputs) that can be read? Do we need to upgrade existing devices?
   Answer: Analog outputs (4-20mA or 0-10V) are present on existing devices and can be read. Device upgrades may be necessary based on functionality, performance, or integration needs.

7. Question: How often does the data need to be recorded and how long does it need to be stored?
   Answer: Data should be recorded daily and stored for a minimum of one (1) year.

8. Question: What are the 2 relays that are controlling the chlorine pumps? (They are not labeled)
   Answer: The specific relays controlling the chlorine pumps have not been identified, as they are not labeled. Photos have been provided for reference and further clarification.

9. Question: How are the chlorine pumps currently controlled? Would we only need to turn them on and off? Where is the 4-20mA signal coming from?
   Answer: The chlorine pumps are currently controlled using timed dosing with manual setpoints. Yes, turning them on and off may be sufficient for control, depending on final system requirements. Please refer to the attached photos for additional context.

10. Question: What is the relay timer for? It is not marked on the drawings?
    Answer: The purpose of the relay timer is currently unknown, as it is not marked on the drawings. Further investigation is required to determine its function.

11. Question: Does the chart recorder have any communication features/capabilities? Will it be connected to this system as well?
    Answer: The chart recorder does not have any communication capabilities and will not be connected to this system

12. Question: The equipment shown in Appendix F does not appear capable of interacting with SCADA software – is this equipment to be replaced?
    Answer: If necessary, propose suitable equipment that support SCADA communication and meets the projects requirements.

13. Question: The RFP states "The Contractor shall also provide and install all compatible sensors and instrumentation needed to meet the operational and performance requirements specified in the project documentation." – can you clarify the requirements and what sensors / instrumentation are anticipated to be replaced?
    Answer: The RFP required the Contractor to provide and install all compatible sensors and instrumentation necessary to meet the operational and performance criteria outlined in the project documentation. Specific sensor and instrumentation replacement needs are not explicitly detailed; therefore, the Proponent's technical expertise should guide the identification and selection of the required equipment to ensure compliance with project goals.

14. Question: The RFP states "The pump house may require upgrades to accommodate a SCADA system." – what are the anticipated upgrades that may be required?
    Answer: Propose necessary upgrades

15. Question: Other than the control panel in Appendix F – are there other systems / facilities that would interface with the SCADA system?
    Answer: Aside from the control panel referenced in Appendix F, the SCADA system is anticipated to interface solely with a desktop PC and authorized mobile devices for remote monitoring and operational control.

16. Question: Who will be responsible to supply the required computer hardware (physical or virtual)?
    Answer: The Proponent will be responsible for supplying the required computer hardware, whether physical or virtual, as part of the SCADA system implementation

17. Question: Does the District have a budget defined for this project (budget available may drive the scope / phasing of the upgrades.
    Answer: No, the Regional District has not defined a specific budget for this project at this time. As budget availability may influence the scope and phasing of the upgrades, we recommend itemizing all components and associated costs to allow for flexible planning and prioritization.

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