

ADDENDUM #2
SCADA Software Replacement
CONTRACT #2023-18
REGIONAL WATER RESOURCE AGENCY

DATE: September 14, 2022

The attention of persons and businesses bidding on this project is called to the following change in the drawings and/or specifications and/or bid documents:

The written statements of clarification, interpretation or corrections hereby modify the bidding documents by addition, deletions, or corrections and shall become a legal and binding part of the Contract Documents for this project. Bidders shall acknowledge receipt of the addendum by inserting its number and date in the Proposal Form. Failure to do so may subject the bidder to disqualifications.

1. Can you provide the existing system tag count? This could help in determining base software cost. **We called out unlimited in the bid.**
2. How many view client computers will need to display SCADA screens? **We called out unlimited in the bid.**
3. Do you know the data format of the AVEVA historian? i.e. is it proprietary or stored in SQL format? **It is stored in SQL format.**
4. Have you looked at Ignition by Inductive Automation and is it an acceptable software solution? **We are open to Software providers that can meet the bid specifications.**
5. What type of database is currently in use? **It is an AVEVA Historian 2020 R2 SP1 using Microsoft SQL Server 14.00.1000**
6. What databases are acceptable for use with this system? **Microsoft SQL Server or equal**
7. How is the current system communicating?
 - a. Ethernet IP, DH+, Controlnet, cellular network, etc.? **Ethernet IP and there are some cell network through OPC UA**
8. Is hot-swap redundancy a requirement? **Yes**
9. What is the current SCADA system in use? **Wonderware Intouch 2017 U3 SP1**
 - a. Does it operate on a separate network from the control network? **Yes**

- b. If it all runs on one network now, does RWRA wish for a new data network to be installed to run the new SCADA system? **This RFP is for SCADA Software SUPPLY/SUPPORT only. System Integration services are not being requested in this proposal**
10. Will the servers be provided, and if so, what are their catalog numbers, specifications, etc.? **This RFP is for SCADA Software SUPPLY/SUPPORT only. System Integration services are not being requested in this proposal**
11. Will the contractor be responsible for configuring the existing servers? **This RFP is for SCADA Software SUPPLY/SUPPORT only. System Integration services are not being requested in this proposal**
- a. Or will the contractor be responsible for providing and configuring all new servers? **This RFP is for SCADA Software SUPPLY/SUPPORT only. System Integration services are not being requested in this proposal**
12. Is active directory acceptable as a windows and SCADA authentication or is another authentication means preferred? **Active-directory is acceptable for the Windows Authentication requirement but Multi-factor authentication is also required. The IdP is not a requirement of this RFP, just the ability to input an IdP into the software.**
13. Is the central server onsite?
- a. If not, where is it located and how many other sites is it monitoring? **This RFP is for SCADA Software SUPPLY/SUPPORT only. System Integration services are not being requested in this proposal**
14. Are there any remote wells or locations that will need edge computing systems? **No edge computing needed**
15. Please specify poll rate, alarming, and alarm notification preferences. We can provide email, text, and phone call notifications routed to an established on-call list if that is required. **Poll rate 1000ms, Alarming to be done via an alarm screen/banner/popup, no requirements for email, text, phone calls**
16. SSL is to be used for secure sign on, but are there any preferences for encryption services? **SSL should provide encryption between software and database**
17. Will this system need to be accessed offsite?
- a. Will it need to be accessible on mobile devices like smartphones or tablets? **SCADA Software Cross-platform compatibility is required o SCADA application shall have the ability to run on Windows Operating Systems, Android or Apple OS smartphones, Android or Apple OS tablets, and remote field devices**
18. What security protocols are preferred for this project?
- a. What security protocols are currently in place? **This RFP is for SCADA Software SUPPLY/SUPPORT only. System Integration services are not being requested in this proposal**
19. Is the ability to set securities required in the SCADA system, or stored in a central location? **Network security is managed through group policy. MFA, user permissions, SSL, and single sign-on are a requirement of the SCADA system**
20. Will the SCADA system be tied to any other CMMS, or ERP system or software? **Possibly Central Square EAM but not required per the bid specifications.**

