

# BID No. 2023-18: SCADA Software Replacement ADDENDUM No. 1

DATE: SEPTEMBER 12, 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.*

## CLARIFICATION:

Base bid requirements for this BID are for Software SUPPLY ONLY. System Integration services are not being requested. Technical Assistance/Product Support through software installation is being requested in the BASE BID. If Vendor can provide END USER TRAINING on provided software, please include details/terms in the bid submittal and include pricing on the revised quotation sheet included in this ADDENDUM No. 1

## BASE BID SPECIFICATIONS (Changes):

### DELETE:

- Vendor design, programming and configuration training for (40) hours - Virtual
- Vendor end-user training: (8) hours - Virtual

### ADD:

- Software Provider shall provide initial user support/technical assistance

## 2023-18 QUOTATION SHEET (Changes):

### DELETE:

- BASE BID
  - 4: Vendor provided End-User Training (8 Hrs.) Virtual or Remote \$ LS \$
  - 5: Vendor provided Programming, Maintenance and Configuration Training (40 Hrs.) Virtual or Remote \$ LS \$

### ADD:

- OPTIONAL ADD/ALTERNATES:
  - C: Vendor provided End-User Software Use Training (8 Hrs.) Virtual/ Remote \$ LS \$
  - D: Vendor provided Programming, Maintenance and Configuration Training (40 Hrs.) Virtual/ Remote \$ LS \$

## BASE BID SPECIFICATIONS

Detailed specifications are listed below. All bidders are expected to meet or exceed all specifications. Any bidder submitting a bid which does not meet or exceed the stated specifications, is required to identify the specification which is not met, with an explanation for the exception on the "Bidders Exceptions, Conflicts and Clarifications". RWRA reserves the right to consider any listed exception to determine if the exception is of a minor nature, and may be accepted, or if the exception is of such a serious nature that the bid will not be accepted.

These specifications describe the **minimum** configuration requirements for SCADA Software and Vendor startup and training services. The intent of this bid is to replace RWRA's existing SCADA system with a new and updated version of software with equivalent or better features that is interoperable with existing equipment, systems and connections. This bid includes virtual/remote staff training at the time of startup/installation.

Vendor shall be responsible to provide software media for installation, appropriate licensing agreements, annual technical support and startup training to accomplish the intent of the bid.

Vendor shall provide SCADA software suite and services compliant (minimum) with the following conditions and requirements:

- SCADA Software Support for Allen Bradley CIP driver is required
- SCADA Software Support OPC UA driver is required
- Online Allen Bradley PLC tag polling while programming (ability to pick tags in the PLC from software) is required
- Number of client and tag licenses required: Unlimited
- SCADA Software Support for User Defined Tags is required
- SCADA Software support for redundant server configuration is required
- SCADA Software Cross-platform compatibility is required
  - 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
- SCADA Software Support for creation of scripts using a common programming language. (C, C+, Python, etc.) is required
- SCADA Historian module is required
- SCADA Reporting module is required
- SCADA Software Support for the ability to migrate/import a historical SQL database that is currently AVEVA historian into new Historian is highly preferred
- SCADA Software Support for provision of user permissions to on-screen components at tag level is required
- Industry standard graphics engine for interface design is required
- SCADA Software support for 1920 X 1080 resolution graphics is required
- SCADA Software Support for windows authentication is required
- SCADA Software Support for SSL Security Encryption, multi-factor authentication and single sign-on is required
- SCADA Software technical support shall be available M-F 8am – 5pm
- SCADA Software shall be upgradable/expandable with future updates
- ~~• Vendor design, programming and configuration training for (40) hours – Virtual~~
- ~~• Vendor end user training: (8) hours – Virtual~~
- Software Provider shall provide initial user support/technical assistance

Bid Item #	Bid Item Description	Unit Price	Unit	Total Item Cost (\$)
<b>BASE BID:</b>				
	Name of SCADA Software Quoted Below: [			]
1	SCADA SOFTWARE PACKAGE Including Installation Media	\$	LS	\$
2	Upgrade to Unlimited Client and Tag License	\$	LS	\$
3	1st Year Technical Support Fee	\$	LS	\$
				\$
<b>OPTIONAL ADD/ALTERNATES:</b>				
A	Vendor provided ON-SITE Programming, Maintenance and Configuration Training (Cost/Hr Including Travel)	\$	Hr	\$
B	Annual Technical Support Fee (After 1st Year)	\$	Yr	\$
C	Vendor provided End-User Training (8 Hrs) Virtual/Remote	\$	LS	\$
D	Vendor provided VIRTUAL/REMOTE Programming, Maintenance and Configuration Training (40 Hrs)	\$	LS	\$
				\$