

RESOLUTION NO. 24-R-32

A RESOLUTION BY THE CITY COUNCIL OF THE CITY OF SCHERTZ, TEXAS AUTHORIZING THE CITY MANAGER TO ENTER INTO AN CONTRACT WITH PRIME CONTROLS, LP FOR THE CONSTRUCTION OF THE SCADA UPGRADES PROJECT AND OTHER MATTERS IN CONNECTION THEREWITH

WHEREAS, the City Staff has a need to upgrade the existing SCADA and controls system at the Nacogdoches Water Facility; and

WHEREAS, the City Staff has done due diligence in researching the system and component upgrades to our SCADA system to fits the needs of the department, to obtain the best pricing/availability, and to provide the best quality of service and equipment; and

WHEREAS, the City of Schertz has chosen an on-call contractor, Prime Controls, LP for SCADA System Services; and

WHEREAS, City Staff has recommended that the City accept the proposal for SCADA Upgrades at the Nacogdoches Water Facility “Exhibit A”.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SCHERTZ, TEXAS THAT:

Section 1. The City Council hereby authorizes the City Manager to execute a contract with Prime Controls, LP as per Exhibit "A" for the construction of the SCADA Upgrades project at the Nacogdoches Water Facility for \$78,000 and an amount not to exceed \$90,000 for this phase of the SCADA Upgrades project.

Section 2. The recitals contained in the preamble hereof are hereby found to be true, and such recitals are hereby made a part of this Resolution for all purposes and are adopted as a part of the judgment and findings of the City Council.

Section 3. All resolutions, or parts thereof, which are in conflict or inconsistent with any provision of this Resolution are hereby repealed to the extent of such conflict, and the provisions of this Resolution shall be and remain controlling as to the matters resolved herein.

Section 4. This Resolution shall be construed and enforced in accordance with the laws of the State of Texas and the United States of America.

Section 5. If any provision of this Resolution or the application thereof to any person or circumstance shall be held to be invalid, the remainder of this Resolution and the application of such provision to other persons and circumstances shall nevertheless be valid, and the City Council hereby declares that this Resolution would have been enacted without such invalid provision.

Section 6. It is officially found, determined, and declared that the meeting at which this Resolution is adopted was open to the public and public notice of the time, place, and

subject matter of the public business to be considered at such meeting, including this Resolution, was given, all as required by Chapter 551, Texas Government Code, as amended.

Section 7. This Resolution shall be in force and effect from and after its final passage, and it is so resolved.

PASSED AND ADOPTED, this ____ day of _____, 2024.

CITY OF SCHERTZ, TEXAS

Ralph Gutierrez, Mayor

ATTEST:

Sheila Edmondson, City Secretary

Exhibit "A"

Nacogdoches EST SCADA and Controls Upgrade Proposal



February 19, 2024

To: City of Schertz

Attn: Nick Ferris

Ref: Nacogdoches EST SCADA & Controls Upgrade
SCADA and Controls Work
Prime Controls Quote No.: N/A

PRIME CONTROLS PROPOSAL

Prime Controls is pleased to offer this proposal for the SCADA and Controls work associated with the referenced Nacogdoches EST SCADA & Controls Upgrade project as described hereafter. The offering is complete with the exception of those items specifically excluded within the “Exclusions” section of this proposal.

A. CONTROL PANELS AND MAJOR PRODUCTS

Material shall be furnished per plans and specifications. Major products and control panels to be furnished by Prime Controls include the following:

See Bill of Materials below further detailing the major products proposed.

ITEM	QTY	DESCRIPTION	REFERENCE
1.	1	Fully Assembled PLC Enclosure	COS SCADA Nacogdoches EST Upgrades Scope
2.	1	19.5” HMI Screen	COS SCADA Nacogdoches EST Upgrades Scope
3.	1	Ethernet Switch - For new MCC communications	COS SCADA Nacogdoches EST Upgrades Scope
4.	2	Serial to Ethernet Media Converters	COS SCADA Nacogdoches EST Upgrades Scope
5.	1	24VDC Uninterruptible Power Supply	COS SCADA Nacogdoches EST Upgrades Scope

B. SERVICES

Services to be provided by Prime Controls include the following major items:

ITEM	SERVICE
1.	PLC/HMI/SCADA System Software Development and Programming (Ignition Edge 8). Integrate into COS SCADA system utilizing MQTT protocol.
2.	Construct, install and tie in Pump Room 2 New RIO Enclosure.

ITEM	SERVICE
3.	For Items Supplied by Prime Controls: a. Final Electrical Terminations to Control Panels and Field Instrumentation b. Final Coax Terminations for RF Devices
4.	Field Calibration, Check-Out and Start-Up Services
5.	Warranty Services: Prime Controls will provide a warranty on all services and hardware included with this proposal for 1 year upon project completion.

C. PROPOSAL EXCLUSIONS

The following items are not included in our pricing and shall be the responsibility of others:

ITEM	EXCLUSION
1.	Furnishing and installation of all electrical conduit, raceway, duct banks, wire, etc. required to connect instruments and associated panels.
2.	Furnishing and installation of all electrical power and specialty panels/products including switchgear, MCCs, distribution panels, AFD's/VFD's, disconnects, etc.
3.	Provision of radio, antenna, surge suppression and associated cabling provided by COS.
4.	All Hardware associated with Pump Room 2 RIO Enclosure provided by COS.
5.	Work associated with communications from existing turbine flow meter to PLC due to lack of technical information available on the turbine flow meter.

D. PROPOSAL CLARIFICATIONS

ITEM	CLARIFICATION
1.	Pricing does not include Sales Taxes or Bonding costs.
2.	Pricing shall be valid for 30 days only from proposal date.
3.	Pricing is based on the assumption that, once Prime Controls receives an order or Notice to Proceed, the project will proceed without interruption. Should any interruptions occur due to Force Majeure, Prime Controls reserves the right to adjust pricing accordingly.
4.	The MCC, Generator, and ATS are all newly provided equipment and are expected to have Ethernet or Modbus capabilities.
5.	Prime Controls will require 120 Calendar days from the day this proposal is accepted to complete the scope of work detailed in this proposal.



E. PROPOSAL PRICING

Item	Description	Pricing
1	Nacogdoches EST SCADA & Controls	\$78,000.00
TOTAL PROPOSAL AMOUNT		\$78,000.00

We sincerely appreciate this opportunity and look forward to being of service for this work.

Thanks again and please feel free to call if there are any questions.

Sincerely,
Prime Controls, LP

Chad Kunkel
Project Manager
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