



June 27, 2024

To: City of Schertz

Attn: Nick Ferris

Ref: Morning Dr. Booster & GST SCADA & Controls Upgrade
SCADA and Controls Work

PRIME CONTROLS PROPOSAL

Prime Controls is pleased to offer this proposal for the SCADA and Controls work associated with the referenced Morning Dr. Booster & GST 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 Morning Dr. Upgrades Scope
2.	4	Serial to Ethernet Media Converters	COS SCADA Morning Dr. Upgrades Scope
3.	1	24VDC Uninterruptible Power Supply	COS SCADA Morning Dr. Upgrades Scope
4.	1	SSW07 Soft Starter Modbus Module	COS SCADA Morning Dr. Upgrades Scope
5.	1	Siemens Soft Starter CT Relay	COS SCADA Morning Dr. 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.

ITEM	SERVICE
2.	For Items Supplied by Prime Controls: a. Final Electrical Terminations to Control Panels and Field Instrumentation b. Final Coax Terminations for RF Devices
3.	Field Calibration, Check-Out and Start-Up Services
4.	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.

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.	More information is needed regarding the integration of communication between SCADA and ATS / Generator.

E. PROPOSAL PRICING

Item	Description	Pricing
1	Delivery of Morning Dr. PLC Enclosure Shop Drawings	\$25,000.00
2	Delivery of Fully Assembled Morning Dr. PLC Enclosure	\$25,000.00
3	Morning Dr. PLC Enclosure Testing and Start-Up	\$19,500.00
Total Proposal Amount		\$69,500.00

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



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