



SCOPE LETTER (FA 0191-70)

PROJECT: RMWD SCADA System Site Integration Services

BID DATE: August 18, 2023

SCOPE:

Freedom Automation (FAI) shall provide consulting to the contractor for the PLC, OIT, and all Network equipment including the Radios that the contractor will need to provide. FAI shall provide the following engineering labor:

Inclusions:

Freedom Automation, Inc. (FAI) shall provide the following for the Three identical packaged Pump Stations, per the districts programming Standards:

- Programming new Compact Logix PLC's.
 - Includes standard programming inclusive of: communications, scaling and alarming, and pump control, including flow control to operate VFD's to operator defined flow setpoint.
 - Program network peripherals: network switch and radios to connect site to central
- Ignition SCADA Programming, integrate site to existing HMI including site database import, alarming (local and notifications) historical logging, adding site to navigation and central overviews, add site display with setpoint and trend displays
- Programming and graphics for the local operator interface terminal (OIT), create site overview, setpoints and trend displays and setup local alarm display and limited history.
- Testing
- Start Up and Commissioning

Exclusions:

- All permits and bonds.
- Purchase of any hardware, cabling or other devices not already specified
- Purchase of any software or software components not already specified
- Field Wiring and troubleshooting (Unless noted otherwise)
- Purchase of any third party software.
- Purchase and/or installation of conduits, control panels.
- Any labor and materials not specifically mention above.
- Any Design Liability. Freedom Automation shall provide a control system in accordance with the District's provided specification.

TOTAL \$40,500.00

Price includes applicable sales tax. Additional time will be T&M at our standard published rate of \$160.00/hr. Please call us with any questions.

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