



<b>Date</b> March 22, 2023	<b>Customer</b> City of Buchanan	<b>To</b> Craig Miller cmiller@cityofbuchanan.com
<b>Description</b> WTP SCADA Upgrade		Dylan Thomas dthomas@cityofbuchanan.com
<b>Quote #</b> 230540		
<b>Estimator</b> Ken Wesley	<b>Email</b> ken.wesley@teamuis.com	
<b>Scope of Work</b>		<b>Cost</b>

**WTP Upgrades**

Furnish and install one (1) new Allen Bradley MicroLogix 1400 PLC with necessary I/O with cellular modem to interface with the existing controls.

Remove the existing Automation Direct touch screen display and replace with blank cover plate.

Provide necessary labor to cleanup the main control panel.

Provide necessary labor and materials to interface the two (2) chemical feed scales with the new PLC and CRUISE HMI.

Provide necessary PLC and CRUISE HMI (Cloud Based).

**Well House 1, 2, & 4 Upgrades**

At each Well House, furnish and install one (1) new Allen Bradley MicroLogix 1400 PLC with necessary I/O with cellular modem to interface with the existing controls.

Provide necessary labor to cleanup the control panels.

Provide necessary PLC and CRUISE HMI (Cloud Based).

**Water Tower Upgrades**

At the each of the two (2) Water Towers, furnish and install one (1) new Allen Bradley MicroLogix 1400 PLC with necessary I/O with cellular modem to interface with the existing controls.

Provide necessary labor to cleanup the control panels.

Provide necessary PLC and CRUISE HMI (Cloud Based).

**CRUISE HMI**

Provide the first year of the CRUISE (cloud-based HMI) subscription and cellular fees, currently \$3,035.00 per year. The CRUISE provides easy trending, reports, unlimited remote connections, and alarm notifications via voice calls, emails, and text message

Provide necessary startup and training services.

**Total:** \$61,495.00

UIS SCADA Approved by

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