

Date: 6/30/2015
Project Name: Project #124 – Supervisory Control and Data Acquisition
Location: Tucson Water Headquarters
Project Manager: Eric Bender
Contact Number: 520-837-2399

PROJECT UPDATE



Project Intent:

Tucson Water’s SCADA system controls processes such as water pressures, flows, reservoir levels and energy use at over 350 sites across the entire delivery area. The 12 gigabytes of data it produces annually is used for trouble shooting water system issues, planning, cost analysis and regulatory compliance. The SCADA system is essential to Tucson Water’s operations and its upgrade critical to the future viability and reliability of the services Tucson Water provides.

Project Scope:

Many of SCADA’s components are at the end of their life-cycle and must be replaced. Tucson Water has undertaken a series of projects to replace and upgrade the system.

Project Financials:

Original Project Budget:	\$ 17,673,000.00
Current Project Budget:	\$ 17,673,000.00
Signed Change Orders:	\$ 0.00
Remaining Contingency:	\$ 0.00
Expended to Date:	\$ 1,951,266.37
Encumbered to Date:	\$ 201,324.15
Unobligated:	\$ 15,520,409.48

Project Update:

Status: In Planning

Expected Date of Completion: June 2019

June 2015 – Human Machine Interface (HMI) - Development of design criteria into specifications for hardware and software underway. Reviewing HMI hardware draft design. Two pilot sites are substantially complete and in testing. Design/construction for two remaining pilot sites is continuing. Long term System Integration (SI) contract negotiations underway. Telecommunications coordination with City staff underway.

May 2015 - Human Machine Interface (HMI) - Development of design criteria into specifications for hardware and software underway. Reviewing HMI hardware draft design. Design/construction for three remaining pilot sites is continuing. Long term System Integration (SI) contract negotiations underway. Telecommunications coordination with City staff underway.

Action Items / Next Steps:

Action	Who Will Follow Up?	Status	Due Date
Continue Human Machine Interface (HMI) implementation and upgrade activity		On Track	
Telecommunications planning being revised		On Track	
Continue remaining Pilot site design/Construction		On Track	
Complete SI RFP activity through to contract award		On Track	

Status Options: On Track, Recovering, Needs Attention