

**SUBJECT**

**BOARD RESOLUTION NO. 17-412**

Pertaining to an agreement with Control Assemblies Company to design screens for a new SCADA platform.

**BACKGROUND INFORMATION**

Staff is seeking approval of a professional services agreement with Control Assemblies Company to design screens for a new Ignition SCADA platform at a cost not to exceed \$75,000. SCADA is Supervisory Control And Data Acquisition, a program used to monitor and operate treatment and pumping processes. The 159 screens and 339 pop-ups within the existing iFix SCADA platform cannot be imported into the new Ignition platform, so each one must be drawn and designed individually in a way that does not change the basic layout and navigation of the system.

Our area has very few firms capable of performing this work, and only one of known quality. For that reason, City Purchasing approved negotiations with that known vendor. The work is to be performed on a time and material basis by one Control Systems Engineer at \$95.00 per hour.

Following Board approval, City Contracts and Analysis will process a Professional Services Agreement which will include the City's standard terms and conditions, liability and insurance language, and the following Scope of Work (paraphrased for brevity):

Scope of Work:

1. Group, catalog and order all existing SCADA tags to represent the “object” representations of the equipment in the system.
2. Perform testing during development and confirm post-installation at the facility.
3. Perform milestone reviews throughout the project

The work is further detailed in the attached Scope of Work, which will be part of the agreement.

Cost: Not to exceed \$75,000

Term: one year

**RECOMMENDATION**

Approval is recommended.