

COUNCIL ACTION FORM

SUBJECT: WATER POLLUTION CONTROL FACILITY SCADA PHASE II

BACKGROUND:

This project included a number of improvements to the Water Pollution Control Facility's Supervisory Control And Data Acquisition (SCADA) system.

This project for construction of the Water Pollution Control (WPC) Facility SCADA Phase II project was originally shown in the FY 09/10 Capital Improvements Plan with a budget of \$450,000. After taking bids, it was determined that that amount was insufficient to cover both design and construction costs. Savings from other projects were then identified, which allowed this project budget to be adjusted to \$496,782. On May 24, 2011, Council awarded this contract to Automatic Systems Company of Ames, Iowa in the amount of \$412,250.

The project was substantially completed on December 12, 2012. The original contract included up to 80 hours of contractor call-back time to make modifications requested by the City. Following completion of the original project tasks, Staff negotiated with Automatic Systems Company to utilize those call-back hours to assist the City in replacing the WPC Facility's SCADA server and work stations. For this reason, the contract has remained open to date. All construction activity has now been completed by the contractor to staff's satisfaction. An Engineer's Certification of Completion is attached.

Four change orders, totaling \$24,079, were required to complete the work as originally intended, resulting in a final construction cost of \$436,329.

ALTERNATIVES:

1. Accept completion of the WPCF SCADA Phase II project and release retainage to Automatic Systems Company in the amount of \$21,816.45; and accept December 12, 2012 as the start date of the project's two-year warranty.
2. Do not accept completion of the WPCF SCADA Phase II project at this time.

MANAGER'S RECOMMENDED ACTION:

All work related to the WPCF SCADA Phase II project has been completed by Automatic Systems Company to staff's satisfaction.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as stated above.



Barr Engineering Company
4700 West 77th Street • Minneapolis, MN 55435-4803
Phone: 952-832-2600 • Fax: 952-832-2601 • www.barr.com

An EEO Employer

Minneapolis, MN • Hibbing, MN • Duluth, MN • Ann Arbor, MI • Jefferson City, MO • Bismarck, ND

January 2, 2014

City of Ames
Water and Pollution Control Department
Attn: Mr. Matt Hawes
300 East Fifth Street, Building 1
Ames, IA 50010-9337

Re: City of Ames, Iowa
Water and Pollution Control Department
Water Pollution Control Facility
Contract between the City of Ames
and Automatic Systems Co.
SCADA Improvements Phase II

Dear Mr. Hawes,

In response to the inquiry regarding the completion of the supervisory control and data acquisition system (SCADA), Phase II improvement project at the Water Pollution Control Facility, it is our opinion that the project is substantially complete as of December 12, 2012.

Upon confirmation that the final tax certificates and related information have been received by the City, and are in order, the recommendation is that the project be considered complete.

If you have questions, please contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Paul E. Kaeding". The signature is written over the typed name and title.

Paul E. Kaeding, PE
Barr Engineering Co.