

COUNCIL ACTION FORM

**SUBJECT: FINAL COMPLETION FOR WATER POLLUTION CONTROL PLANT
SCADA CONSTRUCTION**

BACKGROUND:

In September 2006, City Council awarded a construction contract to Jetco, Inc. in the amount of \$371,635.94 to replace the existing proprietary brand supervisory control and data acquisition (SCADA) system at the Water Pollution Control (WPC) plant. This was Phase I of the overall SCADA project, which converted the SCADA "backbone" from a Unix-based system to a windows-based PLC system. Phase II will include the replacement and expansion of field control elements.

All work for this contract has now been completed. The scheduled completion date was October 1, 2007, but the project was not completed until June 2008. The delay resulted in additional expenses to the City for on-going engineering and inspection work. Under the terms of the contract, these expenses are the responsibility of the contractor.

The contract had three change orders which together reduced the contract price by \$10,914.29. The final change order included a deduct of \$18,906.93 for liquidated damages. This amount equaled the five percent retainage for the project. Therefore, no retainage amount remains to be released upon acceptance of completion. A Certificate of Completion has been received from the engineer, and it is attached to this Council Action Form.

The approved Capital Improvements Plan includes \$705,300 for this project. An updated total cost estimate for the project is as follows:

Construction	\$360,721.65
Control Room Flooring and Furniture	9,162.66
Software Support	11,839.56
Engineering	87,804.98
Miscellaneous	3,861.51
TOTAL	\$473,390.36

ALTERNATIVES:

1. Accept final completion of the WPC Plant SCADA construction in the amount of \$360,721.65.
2. Do not accept completion of the WPC Plant SCADA construction at this time.

MANAGER'S RECOMMENDED ACTION:

Work for the WPC Plant SCADA construction has been completed in accordance with the plans and specifications, and the engineer has provided a Certificate of Completion. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby accepting completion of this contract with Jetco, Inc.



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

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June 27, 2008

City of Ames
Water and Pollution Control Department
Attn: Mr. Lyle Hammes
300 East Fifth Street, Building 1
Ames, Iowa 50010-9337

Re: City of Ames, Iowa
Water and Pollution Control Department
Contract between the City of Ames and Jetco Inc
September 12, 2006
Ames, Iowa Water Pollution Control Facility
Supervisory Control and Data Acquisition System

Dear Mr Hammes,

In response to the inquiry regarding the Water and Pollution Control Department Supervisory Control and Data Acquisition (SCADA) System Improvements, it is our opinion that the project is substantially complete. The final contract amount for the project is \$360,721.65.

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,

Paul W. Kaeding
Barr Engineering Co.