

COUNCIL ACTION FORM

SUBJECT: CONTROLS AND RELAYING PANELS FOR 69KV SUBSTATIONS – DAYTON AND STANGE ELECTRIC SUBSTATIONS - CONTRACT COMPLETION

BACKGROUND

In FY 2013/14 City Council approved a CIP project to replace the 69kV switchyard relay and controls at Electric Services' Ames Plant switchyard, as well as to replace the relay panels at the Stange Road, Dayton Avenue, and Haber Road substations.

On January 27, 2015, City Council awarded a contract to Schweitzer Engineering Laboratories, Pullman, WA, for the Controls and Relaying Panels for Dayton and Stange Substations in the amount of \$225,876.44 (inclusive of Iowa sales tax).

The Engineer's estimate of the cost for this phase of the project is \$279,000. The approved FY2013/14 CIP for Electric Services includes \$1,700,000 for engineering, materials, and replacement of the Ames Plant Switchyard Relays and Controls. A summary of the overall project costs are on page 2.

All of the requirements of the contract have been met by Schweitzer Engineering Laboratories, and the Engineer has provided a certificate of completion.

ALTERNATIVES:

- 1) Accept completion of the contract with Schweitzer Engineering Laboratories for the Controls and Relaying Panels for Dayton and Stange Substations at a total cost of \$225,876.44 (inclusive of Iowa sales tax), and pay all retainage.
- 2) Delay acceptance of this contract.

MANAGER'S RECOMMENDED ACTION:

The contractor for the Controls and Relaying Panels for Dayton and Stange Substations has delivered the material specified under the contract. The Engineer has issued a certificate of completion on the work.

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

PROJECT BUDGET

Below is a summary of all the project costs:

\$1,700,000.00	Amount Budgeted for the Total Project
\$162,200.00	Encumbered Engineering for Ames Plant Switchyard (includes change orders 1 and 2)
\$56,377.35	Actual cost for SF6 circuit breakers
\$122,502.60*	Actual cost for electrical materials (*Includes applicable sales taxes to be paid directly by Ames to the State of Iowa)
\$198,469.55	Actual cost for Ames Plant Substation control panels.
\$395,163.40	Actual cost for materials installation phase for the Ames Plant Switchyard Project (includes change order 1, 2 & 3)
\$98,755.20	Actual cost for Control Panels for Haber Road Substation (includes change order 1)
\$160,435.00	Actual cost of Ames Plant area commissioning
\$123,688.30	Encumbered Engineering for Dayton Avenue and Stange Road Substation Relay and Control Panels (includes change orders 1 and 2)
\$225,876.44	Actual cost for Controls and Relaying Panels for the Dayton and Stange Substations (this item)
<u>\$1,543,467.86</u>	Total committed
\$156,532.16	Amount uncommitted (There are no other known material or construction work costs on this project)