

COUNCIL ACTION FORM

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

BACKGROUND:

On December 9, 2014, City Council approved preliminary plans and specifications for the Controls and Relaying Panels for the Dayton and Stange Substations.

Bid documents were issued to twenty potential bidders. The bid was advertised on the Current Bid Opportunities section of the Purchasing webpage, and a legal notice was published in the Ames Tribune. It was also sent to one planroom.

On January 15, 2015, eight bids were received as shown below:

BIDDER	DAYTON	STANGE	TOTAL
Schweitzer Engineering Laboratories Pullman, WA	\$104,929.27	\$120,947.17	\$225,876.44
Harold K. Scholz Company Ralston, NE	\$129,093.00	\$146,253.00	\$275,346.00
Tri-City Electric Company of Iowa Davenport, IA	\$137,441.81	\$151,835.92	\$289,277.73
Eaton Corporation Omaha, NE	\$129,016.84	\$172,023.08	\$301,039.92
Energis High Voltage Resources, Inc. Green Bay, WI	\$139,068.63	\$171,944.69	\$311,013.32
Saginaw Power & Automation Saginaw, MN	\$163,372.00	\$189,588.00	\$352,960.00
Integrity Integration Resources Plano, TX	\$219,517.09	\$231,431.48	\$450,948.57
Electrical Power Products, Inc. Des Moines, IA	Non-responsive. Did not sign Bid Form.		

Electric Services staff reviewed the bids with an engineer from Black & Veatch Corporation. After the initial evaluation, they determined that the bid submitted by Electrical Power Products, Inc. was non-responsive because they did not sign their bid. The remaining bids were then evaluated, and it was determined that the apparent low bid submitted by Schweitzer Engineering Laboratories of Pullman, WA in the amount of \$225,876.44 (inclusive of Iowa sales tax) is acceptable.

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 which includes these breakers.

To date, the overall project budget has the following items encumbered:

\$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 (pending City Council approval of award for this agenda 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)

ALTERNATIVES:

1. Award 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).

2. Reject all bids and delay the purchase of equipment for this project.

MANAGER'S RECOMMENDED ACTION:

These projects are necessary for Electric Services to continue providing safe, reliable service to the customers in the City. By installing these modern, programmable relays and updated controls in these locations, long-term reliability will be improved. The active bidding process has identified a very competitive cost for these materials.

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