

COUNCIL ACTION FORM

SUBJECT: HABER ROAD ELECTRIC SUBSTATION CONTROL PANELS

BACKGROUND:

On December 17, 2013, the City Council approved preliminary plans and specifications for the Furnishing Controls Panels for Haber Road Substation project.

Bid documents for this project were issued to eleven firms. The bid was advertised on the Current Bid Opportunities section of the Purchasing webpage and a Legal Notice was published in the Ames Tribune. The engineer's estimate of the cost of these control panels was \$125,000.

On January 15, 2014, nine bids were received as shown on the attached report. Electric Services staff, along with an engineer from Dewild Grant Reckert & Associates (DGR) Company, reviewed the bids and concluded that that the apparent low bid submitted by Schweitzer Engineering Laboratories, Inc., Pullman, WA, in the amount of \$93,934.85 (inclusive of Iowa sales tax) is acceptable.

The approved FY2013/14 CIP for Electric Services includes \$1,700,000 for engineering, materials and construction of this project, with Iowa State University contributing an estimated \$319,600 to the cost.

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

\$1,700,000.00	Amount Budgeted for Project
\$122,700.00	Encumbered Engineering for Ames Plant Switchyard (Approved by City Council on April 24, 2012.)
\$39,500.00	Contract Change Order to Engineering for Ames Plant Switchyard (Approved administratively on October 8, 2013)
\$56,377.25	Actual cost for SF6 circuit breakers. (Awarded on July 13, 2013)
\$122,868.40*	Actual cost for electrical materials. (Awarded by City Council on July 23, 2013) *This amount 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. (Awarded by City Council on September 10, 2013)
\$372,460.40	Actual cost for materials installation phase for the Ames Plant Switchyard Project (Awarded by City Council on September 24, 2013)

\$7,809.00	Contract Change Order No. 1 to materials installation phase for the Ames Plant Switchyard Project (Approved administratively on December 5, 2013)
\$93,934.85	Actual cost for Control Panels for Haber Road Substation (pending Council approval of award of this agenda item)
<u>\$1,014,119.45</u>	Total committed to Date
\$685,880.55	Amount available to complete project. (Relay and Controls equipment and installation at the Dayton and Stange substations.)

ALTERNATIVES:

1. Award a contract to Schweitzer Engineering Laboratories, Inc., Pullman, WA, for the Furnishing Control Panels for Haber Road Substation project in the amount of \$93,934.85 (inclusive of Iowa sales tax).
2. Reject all bids and delay the purchase of the control panels for this project.

MANAGER'S RECOMMENDED ACTION:

This equipment will improve our existing relaying and controls by coordinating and communicating better with other new equipment installations on the electric system, thus helping Electric Services continue providing safe, reliable service to customers in the City.

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



INVITATION TO BID NO. 2014-118 FURNISHING CONTROLS PANELS FOR HABER ROAD SUBSTATION BID SUMMARY

BIDDER:	Schweitzer Engineering Laboratories, Inc. Pullman, WA	Birmingham Control Systems Birmingham, AL	Electrical Power Products Des Moines, IA	RSI Global, Inc. Harvey, LA	ProEnergy Services LLC Sedalia, MO	CG Automation Solutions USA Springfield, NJ	Harold K Scholz Co Ralston, NE	Myers Power Products, Inc. Ontario, CA	Eaton Omaha, NE
DESCRIPTION	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE
Control Panel P3, "HR62 Panel"	\$12,350.00	\$13,195.00	\$14,728.95	\$15,571.00	\$15,450.00	\$18,393.00	\$18,200.00	\$17,174.00	\$12,667.00
Control Panel P4, "HR63 and Bus Panel"	\$18,155.00	\$19,385.00	\$20,429.83	\$22,877.00	\$22,540.50	\$25,010.00	\$26,000.00	\$30,044.00	\$23,041.00
Control Panel P5, "HR61/AP Line Panel"	\$24,165.00	\$24,995.00	\$26,931.98	\$29,171.00	\$26,852.00	\$31,164.00	\$34,200.00	\$36,462.00	\$47,305.00
Control Panel P6, "HR64/SR Line Panel"	\$30,250.00	\$31,995.00	\$33,061.36	\$35,853.00	\$34,605.00	\$37,134.00	\$42,000.00	\$51,573.00	\$56,687.00
Communication cables, per Cable Schedule	\$935.00	\$1,565.00	\$663.55	\$1,314.00	\$5,540.50	\$1,397.00	\$1,095.33	\$3,749.00	\$1,640.00
SUBTOTAL:	\$85,855.00	\$91,135.00	\$95,815.67	\$104,786.00	\$104,988.00	\$113,098.00	\$121,495.33	\$139,002.00	\$141,340.00
SALES TAX (7%):	\$6,009.85	\$6,379.45	\$6,707.10	\$7,335.02	\$7,349.16	\$7,916.86	\$8,504.67	\$9,730.14	\$9,893.80
FREIGHT (NON- TAXABLE):	\$2,070.00	\$1,500.00	\$300.00	\$0.00	\$0.00	\$1,862.00	\$2,000.00	\$0.00	\$1,000.00
TOTAL BASE BID:	\$93,934.85	\$99,014.45	\$102,822.77	\$112,121.02	\$112,337.16	\$122,876.86	\$132,000.00	\$148,732.14	\$152,233.80
LEAD TIME	12 WEEKS ARO	12-14 WEEKS ARO	n/a	15 WEEKS ARO	May 28, 2014	12-14 WEEKS ARO	May 28, 2014	May 28, 2014	16-20 WEEKS ARO

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