

**COUNCIL ACTION FORM**

**SUBJECT: ACCEPTANCE OF SUBSTATION ELECTRICAL MATERIALS - 69 KV SWITCHES, INSTRUMENT TRANSFORMERS AND STEEL STRUCTURES**

**BACKGROUND**

On June 11, 2013, City Council approved preliminary plans and specifications for certain electrical materials associated with the replacement of the 69kV switchyard relay controls at the Ames Plant Substation. This phase of the project is for the purchase of electrical materials consisting of 69kV Switches, Instrument Transformers, Lightning Arrestors and Steel Structures. The Engineer's estimated cost of these materials is \$175,000. A budget of \$1,700,000 is included in the 2013/14 CIP for the entire project.

On June 26, 2013, bids were received and evaluated by Electric Services staff and an engineer from Dewild Grant Reckert & Associates (DGR) Company. The recommended awards were as followed:

- **Bid No. 1 69kV Switch – Hamby-Young, Aurora, OH for \$52,552.84\***
- **Bid No. 2 Instrument Transformers - RESCO, Ankeny, IA for \$66,160.70\***
- Bid No. 3 Lighting Arresters – Fletcher-Reinhardt Company, Bridgeton, MO for \$11,273.52\* (The delivery of this material was certified as complete by the City Council at a prior meeting.)

*\*Award amounts for Bid No.'s 1-3 are inclusive of Iowa Sales Tax*

- **Bid No. 4 Steel Structures – Galvanizers, Inc., West Fargo, ND for \$2,189.62, plus applicable sales taxes (in the amount of \$137.72) to be paid directly by the City of Ames to the State of Iowa.**

**The total cost of all four of these awards (including all applicable sales tax) was \$132,314.40.**

Hamby-Young has delivered all of the 69kV switches. As a result, the Project Engineer has provided a certificate of completion for this phase of the electrical materials. The total contract amount is \$52,552.84.

RESCO has delivered all of the instrument transformers. As a result, the Project Engineer has provided a certificate of completion for this phase of the electrical materials. The total contract amount is \$65,779.59. There was one change for this contract resulting in a deduction of \$381.11 to change two 15kV Potential Transformers to double-bushing V rated transformers.

Galvanizers, Inc. has delivered all of the steel structures. As a result, the Project Engineer has provided a certificate of completion for this phase of the electrical materials. The total contract amount is \$2,189.62.

**ALTERNATIVES:**

- 1) a. Accept completion of the contract for the 69kV switches phase of the Substation Electrical Materials with Hamby-Young, at a total cost of \$52,552.84, and authorize final payment to the contractor.
  - b. Accept completion of the contract for the instrument transformers phase of the Substation Electrical Materials with RESCO, at a total cost of \$65,779.59, and authorize final payment to the contractor.
  - c. Accept completion of the contract for the steel structures phase of the Substation Electrical Materials with Galvanizers, Inc. at a total cost of \$2,189.62, and authorize final payment to the contractor.
- 2) Delay acceptance of the completion of the contract for the materials.

**MANAGER'S RECOMMENDED ACTION:**

The three contractors for the 69kV switches, instrument transformers, and steel structures phases of the Substation Electrical Materials have delivered all of the materials specified under the contract. The Project Engineer has issued a certificate of completions on the work, and the City is legally required to make final payment.

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