

**COUNCIL ACTION FORM**

**SUBJECT: VET MED SUBSTATION FEEDERS EXTENSION CHANGE ORDER**

**BACKGROUND:**

This electric distribution system improvement project will add a new underground feeder south from the Vet Med Substation to the ISU Research Park. This portion of the project is for the construction phase.

On May 13, 2014, City Council awarded a contract to Tri-City Electric Company of Iowa, Davenport, IA, in the amount of \$170,786.97 for the Vet Med Feeder Extension.

The following two change orders were issued for this project:

**Change Order No. 1 for \$4,714** covered additional 6 inch burial depth of a ductbank underneath U. S. 30, and installation of a small pedestal fence and conduit into the pedestal outside the substation.

**Change Order No. 2 for \$8,414** covered costs associated with mobilizing equipment, over excavating all three vaults for additional granular base, de-watering trenches, and flushing/swabbing/mandrel duct bank pipes with compressed air.

The total cost of the base contract plus the previous two change orders is \$183,914.97.

**City Council authorization for a third change order is now needed.** This change order is required to cover extra work associated with the contractor pulling 15kV primary cables from the south side of U.S. 30 to Airport Road and to install two padmount switchgears. This work was originally going to be accomplished by a City crew. However, having the contractor do this work will allow the City crew to be re-directed to higher priority projects. **The total cost of this Change Order No. 3 is \$22,854.40.**

With Change Order No. 3, the costs for this phase of the project will increase to \$206,769.37, and the overall total amount committed will be \$224,103.37.

The engineer's estimated cost of this project was \$300,000, and the approved FY2013/14 Capital Improvements Plan included \$300,000 for materials and construction of this project.

To date the project budget has the following items encumbered:

<b>\$300,000.00</b>	<b>Amount budgeted for project</b>
\$17,334.00	Bid award amount for 1200 amp switchgear (Awarded by City Council on February 11, 2014)
\$170,786.97	Bid award amount for Vet Med Substation Feeder Extension construction phase. (Awarded by City Council on May 13, 2014)
\$4,714.00	Contract Change Order No. 1 to Vet Med Substation Feeder Extension construction phase. (Approved by Donald Kom on July 3, 2014)
\$8,414.00	Contract Change Order No. 2 to Vet Med Substation Feeder Extension construction phase. (Approved by Donald Kom on July 31, 2014)
<b><u>\$22,854.40</u></b>	<b>Contract Change Order No. 3 to Vet Med Substation Feeder Extension construction phase (this item)</b>
<b>\$224,103.37</b>	<b>Total committed to date</b>

**ALTERNATIVES:**

1. Approve contract Change Order No. 3 to Tri-City Electric Company of Iowa, Davenport, IA, for the Vet Med Substation Feeder Extension in the amount of \$22,854.40.
2. Reject contract Change Order No. 3.

**MANAGER'S RECOMMENDED ACTION:**

This project is necessary to extend feeder capacity from the Vet Med Substation to the ISU Research Park. This will provide capacity for new load growth and improve reliability to the Research Park and surrounding areas. Approval of Contract Change Order No. 3 is required to extend a new feeder to support future load growth in the ISU Research Park area.

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