



City of Grand Island

Tuesday, December 17, 2002

Council Session

Item G16

#2002-384 - Approving Change Order #1 for Electrical & Control Equipment Installation with Capital Electric

Background:

Major inspection and overhaul outages are planned at Platte Generating Station (PGS) on a five-year rotation. In between these outages, the plant sees nearly continuous operation. Short outages are scheduled when needed to fix what breaks. But because PGS is by far our lowest cost source of electric power, every effort is made to keep that plant on-line. A five-year overhaul was done this fall.

The generator's original control and excitation systems were replaced during this outage. These 25-year-old systems were obsolete and no longer supported by the manufacturer. Specifications were prepared and bids received for this major equipment replacement.

Capital Electric of Kansas City, Missouri was awarded the contract for the installation of these systems on August 27, 2002 in the amount of \$133,500.00.

Discussion:

During the course of the replacement project, additional work, not included in the original specifications, was performed by the contractor at the direction of plant engineering staff. Original equipment junction boxes were replaced with larger units. To accommodate the new equipment, extra wire and conduit was needed to reach some components. DC circuit breakers needed to be switched around, and a new relay power supply was added. These changes were needed to provide a clean installation for the new generator control and excitation system.

Recommendation:

The Utilities Department recommends authorizing this Change Order #1 to the Electrical & Control Equipment Installation Contract at the Platte Generating Station for an addition to the contract price of \$2,450.00. The revised contract amount is \$135,950.00.

Fiscal Effects:

An additional cost of \$2,450.00 from Electric Enterprise Fund 520. There are sufficient funds available.

Alternatives:

None recommended. See attached RESOLUTION.

Staff Contact: Gary Mader;Dale Shotkoski



CHANGE ORDER # 1

TO: Capital Electric Construction Company
ATTN: Mr. Darren Snyder
1428 W 9th Street
P.O. Box 410079
Kansas City, MO 64141

Project: ELECTRICAL & CONTROL EQUIPMENT INSTALLATION - PLATTE GENERATING STATION

You are hereby directed to make the following change in your contract:

1. Additional payment to remove and replace J-boxes, run extra wire and conduit to the relay cabinets, change breakers in the DC panel and add a power supply for the new relays.

ADD: \$2,450.00 and/or DELETE: \$

The original Contract Sum	\$ <u>133,500.00</u>
Previous Change Order Amounts	\$ <u>.00</u>
The Contract Sum is increased by this Change Order	\$ <u>2,450.00</u>
The total modified Contract Sum to date	\$ <u>135,950.00</u>

Approval and acceptance of this Change Order acknowledges understanding and agreement that the cost and time adjustments included represent the complete values arising out of and/or incidental to the Work described therein.

APPROVED: **CITY OF GRAND ISLAND**

By: _____ Date _____

Attest: _____
Approved as to Form, City Attorney

ACCEPTED: **CAPITAL ELECTRIC CONSTRUCTION COMPANY**

By: _____ Date _____

RESOLUTION 2002-384

WHEREAS, on August 27, 2002, by Resolution 2002-255, the City Council for the City of Grand Island awarded the bid for electrical and control equipment installation at Platte Generating Station to Capital Electric of Kansas City, Missouri; and

WHEREAS, it has been determined that modifications to the work to be performed by Capital Electric are necessary; and

WHEREAS, such modifications have been incorporated into Change Order No. 1; and

WHEREAS, the result of such modifications will increase the contract amount by \$2,450.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the Mayor be, and hereby is, authorized and directed to execute Change Order No. 1, between the City of Grand Island and Capital Electric of Kansas City, Missouri to provide the following modifications:

	<u>Amount</u>
Additional payment to remove and replace J-boxes, run extra wire and conduit to the relay cabinets, change breakers in the DC panel and add a power supply for the new relays	\$ 2,450.00

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Adopted by the City Council of the City of Grand Island, Nebraska on December 17, 2002

RaNae Edwards, City Clerk

Approved as to Form	?
December 12, 2002	? City Attorney