



# City of Grand Island

Tuesday, December 09, 2003

## Council Session

### Item G25

#### **#2003-361 - Approving Change Order #1 - Capital Electric for Cooling Tower Variable Frequency Drives - Platte Generating Station**

***Background:***

*To increase reliability and operating efficiency, the Utilities Department installed new motor control centers equipped with Variable Frequency Drives (VFD) for the cooling tower fans at Platte Generating Station. Capital Electric of Kansas City, MO was awarded the installation contract for this project on October 7, 2003 in the amount of \$71,310.91. The next lowest bid amount was \$153,400.00.*

***Discussion:***

*Additional wiring and cable tray were necessary to complete the project and resulted in an addition to the original bid in the amount of \$9,910.71. Where applicable, these additional costs were based on unit option pricing set forth in the contract.*

*Installation of additional instrumentation cable: \$2,742.20 - Installation of MCC heater circuits: \$1,158.46 -*

*Addition / modification to VFD cabinets for vibration switches: \$1,915.41 - Installation of 36" cable tray for VFD cable ductbank: \$4,094.64.*

*The attached Change Order #1 authorizes this addition to the original contract for a final contract price of \$88,221.62.*

***Recommendation:***

*The Utilities Department recommends authorizing these change orders to the Cooling Tower VFD Installation Contract - Platte Generating Station by a net addition of \$9,910.71.*

***Fiscal Effects:***

*An addition of \$9,910.71 to this project. The cost remains under the project estimate. Sufficient funds are available in Electric Enterprise Fund 520.*

***Alternatives::***

*None recommended.*

**Staff Contact: Gary R. Mader; Dale Shotkoski**

## CHANGE ORDER NO. 1

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TO: Capital Electric Construction Company Inc.  
1428 W. 9<sup>th</sup> St.  
Kansas City, MO 64101

PROJECT: Platte Generating Station Cooling Tower VFD Installation – Contract Change

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

Capital CO #1	Installation of additional instrumentation cable	\$2742.20
Capital CO #2	Installation of MCC heater circuits	\$1158.46
Capital CO #3	Addition / modification to VFD cabinets for vibration switches	\$1915.41
Capital CO #5	Installation of 36" cable tray for VFD cable ductbank	<u>\$4094.64</u>
		\$9910.71

ADD: \$ 9,910.71                      and/or                      DELETE:       \$ 0.00

The original Contract Sum	\$	71,310.91
Previous Change Order Amounts:	\$	0.00
The Contract Sum is increased by the Change Order # 1	\$	9,910.71
The Contract Sum is decreased by the Change Order # 1	\$	<u>0.00</u>
The total modified Contract sum to date	\$	81,221.62

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 herein. Additional claims will not be considered.

APPROVED: CITY OF GRAND ISLAND

By: \_\_\_\_\_  
Mayor

Date: \_\_\_\_\_

Attest: \_\_\_\_\_

\_\_\_\_\_  
Approved as to Form, City Attorney

ACCEPTED: Capital Electric Construction Company Inc.

By: \_\_\_\_\_

Date: \_\_\_\_\_

Title: \_\_\_\_\_

RESOLUTION 2003-361

WHEREAS, on September 9, 2003, by Resolution 2003-256, the City of Grand Island awarded the bid for Motor Control Equipment Installation 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 \$9,910.71 for a revised contract price of \$88,221.62.

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>
Installation of additional instrumentation cable .....	2,742.20
Installation of MCC heater circuits.....	1,158.46
Addition/modification of VFD cabinets for vibration switches .....	1,915.41
Installation of 36" cable tray for VFD cable ductbank .....	4,094.64

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Adopted by the City Council of the City of Grand Island, Nebraska, December 9, 2003.

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RaNae Edwards, City Clerk

Approved as to Form	☐ _____
December 4, 2003	☐ City Attorney