



# City of Grand Island

Tuesday, June 23, 2009

Council Session

## Item G9

**#2009-144 - Approving Change Order #1 - Cooling Tower Piping Modifications - Burdick Power Plant**

Staff Contact: Gary R. Mader; Wesley Nespor

# Council Agenda Memo

**From:** Gary R. Mader, Utilities Director  
Wesley Nespor, Asst. City Attorney/Purchasing

**Meeting:** June 23, 2009

**Subject:** Change Order #1 - Judds Brothers Construction Company – Burdick Cooling Tower Piping Modifications

**Item #'s:** G-9

**Presenter(s):** Gary R. Mader, Utilities Director

## Background

In the fall of last year, a contract was awarded for the replacement of the cooling tower on the #3 electric generating unit at the Burdick Station Power Plant. The construction of the new cooling tower is completed, with performance testing to be completed during the upcoming summer. The replacement cooling tower is a counter flow tower, which has a different inlet piping arrangement, requiring changes to the existing piping. Judds Brothers Construction Company of Lincoln, Nebraska was awarded the contract for the Burdick Cooling Tower Piping Modifications on January 13, 2009, in the amount of \$266,125.00.

## Discussion

During Judds Brothers Construction Company's excavation work, unsuitable materials were found in the underlying soil which prevented the soil from being reused. This area was at one time a sand pit, that was later filled with broken concrete, re-bar and other debris. The area was excavated, rough fill disposed of, and clean fill hauled in and placed to provide firm support for the new piping. Also, an inspection of existing piping found a number of problems not known at the time the original repair specifications were developed. The problems included a cracked drain pipe and support cradle and a debris filled recirculation supply line. The attached spreadsheet outlines the additional work performed by Judds Brothers Construction Company. This work was not included in the original specifications and was required to complete the project. The change to the contract is an increase of \$14,910.02, for a final contract cost of \$281,035.02.

Utility engineering staff has reviewed the proposed Change Order and finds it accurate and reasonable for the extra work performed.

### **Alternatives**

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

### **Recommendation**

City Administration recommends authorizing Change Order #1 to the Burdick Cooling Tower Piping Modifications Contract at the C.W. Burdick Station Power Plant for an addition to the contract price of \$14,910.02.

### **Sample Motion**

Move to approve Change Order #1 to the contract for Burdick Cooling Tower Piping Modifications with Judds Brothers Construction Company.

***Change Order #1***

**TO:** Judds Brothers Construction Co.  
 3835 North 68th Street  
 Lincoln, NE 68505

**PROJECT:** Burdick Cooling Tower Piping Modification

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

- 1 Additional payment per the attached spreadsheet.

ADD:           \$14,910.02

<b>The original Contract Sum</b>	<u>\$ 266,125.00</u>
<b>Previous Change Order Amounts</b>	<u>\$ -</u>
<b>The Contract Sum is increased by this Change Order</b>	<u>\$ 14,910.02</u>
<b>The Contract Sum is decreased by this Change Order</b>	<u>\$</u>
<b>The total modified Contract Sum to date</b>	<u>\$ 281,035.02</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: JUDDS BROTHERS CONSTRUCTION COMPANY**

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

Date \_\_\_\_\_

**Burdick Cooling Tower Piping Modifications-Judd Brothers Construction Co.**

Comments: This work was identified after the Burdick Cooling Tower piping modifications began.

**Current Contract: \$266,125.00**

<u>Change Order Request</u>	<u>Description</u>	<u>Amount</u>
001	Burdick Tower - unsuitable material	\$ 12,844.46
002	Burdick Tower - Demo pipe cradle	\$ 1,011.50
003	Burdick Tower - Clean existing pipe	\$ 793.10
010		\$ <b>14,649.06</b>
011	7% tax on materials	\$ 260.96
012	<b>Total</b>	\$ <b>14,910.02</b>
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	Total	\$14,910.02

R E S O L U T I O N 2009-144

WHEREAS, the City Electric Department invited sealed bids for Burdick Cooling Tower Piping Modifications; and

WHEREAS, on December 30, 2008, bids were received, opened and reviewed; and

WHEREAS, Judds Brothers Construction Company of Lincoln, Nebraska submitted a bid in accordance with the terms of the advertisement of bids and plans and specifications and all other statutory requirements contained therein, such bid being in the amount of \$266,125; and

WHEREAS, after excavation work began, unsuitable materials were found in the underlying soil which prevented the soil from being reused, and clean fill was hauled in and placed to provide firm support for the new piping; and

WHEREAS, old piping and supports needed to be repaired or modified for equipment installation to accommodate the new.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that Change Order #1 for Judds Brothers Construction Company of Lincoln, Nebraska, in the amount of \$14,910.02, for a total contract cost of \$281,035.02, for Cooling Piping Modifications at Burdick Station, is hereby approved.

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Adopted by the City Council of the City of Grand Island, Nebraska, June 23, 2009.

\_\_\_\_\_  
Margaret Hornady, Mayor

Attest:

\_\_\_\_\_  
RaNae Edwards, City Clerk

Approved as to Form	☐ _____
June 19, 2009	☐ City Attorney