



City of Grand Island

Tuesday, December 18, 2007

Council Session

Item G15

**#2007-324 - Approving Change Order #1 with Midwest Tower -
Cooling Tower Rebuild, Platte Generating Station**

Staff Contact: Gary R. Mader; Wesley Nespor

Council Agenda Memo

From: Gary R. Mader, Utilities Director

Meeting: December 18, 2007

Subject: Approving Change Order #1 – Midwest Towers, Inc.
Cooling Tower Rebuild Contract

Item #'s: G-15

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

Background

The cooling tower at Platte Generating Station is a wood framed structure that receives warm water from the turbine condenser, cools it and returns it to the turbine. Prior to the overhaul, specifications were drafted and bids taken to do major replacement of portions of the cooling tower, particularly the wooden fan deck and hot water distribution decks. Most replacement materials are now of plastic or fiberglass rather than the original wooden construction. Midwest Towers, Inc., a firm specializing in cooling tower construction and repair, was the low bidder for the project. The repair contract was awarded at the June 26, 2007 Council Meeting in the amount of \$409,094.00.

Discussion

When the decking of the hot water basin was removed for replacement, serious deterioration was found in the underlying structural members. The contractor on site was directed to make repairs to the structure in order to meet the outage completion schedule.

- Hot water basin supporting joists were replaced at a cost of \$3,925.12. The original treated lumber 4" x 8" joists were found to be seriously deteriorated and were replaced with fiberglass joists.
- Hot water basin longitudinal support joists were also replaced at a cost of \$2,776.45.
- The water basin distribution header valves did not close properly. The valves were disassembled and inspected, and the valve seats needed to be replaced. Valve repair cost was \$3,853.31.

The total cost of the additional repair work required to complete the repair of the cooling tower was \$10,554.88, for a final contract price of \$419,648.88.

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 Cooling Tower Rebuild Contract at the Platte Generating Station for an addition to the contract price of \$10,554.88.

Sample Motion

Move to approve Change Order #1 in the amount of \$10,554.88 to the Cooling Tower Rebuild Contract with Midwest Towers, Inc.



*Working Together for a
Better Tomorrow. Today.*

Change Order #1

TO: Midwest Towers, Inc.
P.O. box 1465
Highway 19 East
Chickasha, OK 73023

PROJECT: Cooling Tower Rebuild Contract Change Order - Platte Generating Station

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

- 1 Additional payment per the attached spreadsheet.

ADD: \$10,554.88

The original Contract Sum	<u>\$409,094.00</u>
Previous Change Order Amounts	<u>\$0.00</u>
The Contract Sum is increased by this Change Order	<u>\$10,554.88</u>
The Contract Sum is decreased by this Change Order	<u>\$</u>
The total modified Contract Sum to date	<u>\$419,648.88</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: MIDWEST TOWERS, INC.

By: _____

Date _____

RESOLUTION 2007-324

WHEREAS, the Grand Island City Council approved a contract with Midwest Towers of Blue Springs, Missouri, for the Cooling Tower Rebuild at the Platte Generating Station in the amount of \$409,094.00; and

WHEREAS, due to unforeseen deterioration in the underlying structural members, additional repair work is necessary to complete the repair of the cooling tower; and

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

WHEREAS, the result of such modification will increase the contract amount by \$10,554.88 for a revised contract price of \$419,648.88.

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 Midwest Towers of Blue Springs, Missouri to provide the modifications set out as follows:

Replace Hot Water Basin Supporting Joists.....	\$3,925.12
Replace Hot Water Basin Longitudinal Support Joists.....	2,776.45
Replace Valve Seats	<u>3,853.31</u>
Total.....	\$10,554.88

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Adopted by the City Council of the City of Grand Island, Nebraska, December 18, 2007.

Margaret Hornady, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
December 13, 2007	☐ City Attorney