



# City of Grand Island

Tuesday, December 07, 2010

Council Session

## Item G7

**#2010-344 - Approving Change Order #1 - Transfer House Fire Protection Upgrade - Platte Generating Station**

Staff Contact: Gary R. Mader

# **Council Agenda Memo**

**From:** Gary R. Mader, Utilities Director  
Dale Shotkoski, City Attorney

**Meeting:** December 7, 2010

**Subject:** Change Order #1 - Transfer House Fire Protection Upgrade

**Item #'s:** G-7

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

## **Background**

The coal conveyors at the Platte Generating Station are used to unload coal from rail cars and transfer the coal to either on-site storage areas or in plant storage silos. The conveyors are essential to plant operation and are protected from fire by automatic sprinkler systems. The systems were part of the original design scope when the plant was constructed in 1982. Included in the systems are automatic water supply valves and electronic fire detection and activation systems. The original automatic valves are obsolete and parts used to repair the fire valves in the transfer house are no longer available from the manufacturer. The fire protection control panels have electronic circuit boards that have failed and repairs have been made by plant technical staff, but these circuit boards are also obsolete and replacement boards are no longer available. These components are vital for the proper operation of the fire protection for the coal handling system.

Specifications to replace the old, obsolete valves and electronic systems were developed by plant engineering staff. The specifications also provided for relocating several of the existing components from dirty areas to cleaner areas to lessen maintenance costs and improve reliability. The specifications were reviewed and approved by Factory Mutual, the Department's insurance carrier. The specifications were issued for bids and the contract was awarded by Council to the low responsive bidder, Nebraska Fire Sprinkler of Alda, Nebraska, for \$79,800 on March 9, 2010.

## **Discussion**

Completion of the transfer house fire protection upgrade required moving an existing filter to service the new valves, which was not part of the original contract. The filter was covered by insulation and was found as the project progressed. Relocation required additional labor and materials by the contractor. Also during the course of construction, it was determined that the new fire panel servicing the tripper floor should be moved to a location that would not require use of an explosion proof enclosure and would provide for improved maintenance access to the panel. Nebraska Fire Sprinkler proposed to perform these items at an additional cost of \$6,580.00 for a final contract cost of \$86,380.00. Plant engineering staff reviewed the proposed change order and evaluates the increased costs as fair and reasonable.

## **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 Transfer House Fire Protection Upgrade at the Platte Generating Station for an addition to the contract price of \$6,580.00 to Nebraska Fire Sprinkler Corporation.

## **Sample Motion**

Move to approve award of the bid of \$6,580.00 from Nebraska Fire Sprinkler Corporation for the Transfer House Fire Protection Upgrade Change Order as submitted.

City of Grand Island  
Utilities Department  
General Work Contract - Change Order

EWO 6081

### Transfer House Fire Protection Upgrade

Comments: This additional work was identified after the contract work started.

**Contract: Nebraska Fire Sprinkler Corporation**

**\$79,800.00**

<u>Change Order Request</u>	<u>Description</u>	<u>Amount</u>
001	Move existing strainer to new area	\$3,125.00
002	Relocate fire panel outside of explosive area	\$3,455.00
003		
004		
005		
006		
007		
008		
009		
010		
011		
012		
013		
014		
015		
017		
018		
019		
020		
021		
023		
024		
028		
029		
030		
	Total	\$6,580.00



TO: Nebraska Fire Sprinkler Corporation  
118 Apollo Avenue  
PO Box 186  
Alda NE 68810

PROJECT: Transfer House Fire Protection Upgrade  
Platte Generating Station

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

1 Additional payment per the attached spreadsheet.

ADD: \$6,580.00

The Original Contract Sum \$79,800.00

Previous Change Order Amounts \$ .00

The Contract Sum is Increased by this Change Order \$ 6,580.00

The Contract Sum is Decreased by this Change Order \$ .00

The Total Modified Contract Sum to Date \$86,380.00

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: Nebraska Fire Sprinkler Corporation

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

RESOLUTION 2010-344

WHEREAS, Nebraska Fire Sprinkler Corporation of Alda, Nebraska was awarded the contract for Transfer House Fire Protection Upgrade at the March 9, 2010 City Council meeting; and

WHEREAS, the specifications provided for relocating several of the existing components from dirty areas to cleaner areas to lessen maintenance costs and improve reliability; and

WHEREAS, completion of the transfer house fire protection upgrade required moving an existing filter to service new valves, which was not part of the original contract; and

WHEREAS, it was determined during the course of construction that the new fire panel servicing the tripper floor should be moved to a location that would not require use of an explosion proof enclosure and would provide for improved maintenance access to the panel; and

WHEREAS, Nebraska Fire Sprinkler Corporation proposed to perform these items at an additional cost of \$6,580.00, for a final contract cost of \$86,380.00.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that Change Order #1 with Nebraska Fire Sprinkler Corporation resulting in an additional cost of \$6,580.00 for a final contract price of \$86,380.00, is hereby approved.

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Adopted by the City Council of the City of Grand Island, Nebraska, December 7, 2010.

\_\_\_\_\_  
Jay Vavricek, Mayor

Attest:

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

Approved as to Form	☐ _____
December 2, 2010	☐ City Attorney