



City of Grand Island

Tuesday, December 23, 2003

Council Session

Item G19

#2003-394 - Approving Change Order #1 for Kimball Reservoir Rehabilitation and Pine Street Reservoir Demolition - Utilities Dept.

Background:

The City water system includes four storage reservoirs serving pumping stations for transmission and distribution. Two of these reservoirs are over 60 years old. The Pine Street Reservoir, built in the '20's, was abandoned several years ago due to structural failure. The much larger Kimball Reservoir, built in the '30's, remains in service but is in need of major repair. Inspections of this reservoir have indicated structural damage, to approximately one quarter of the roof area. Our consultant for this project, CH2MHill, performed the engineering analysis and developed contract specifications for repair. Improvements for personnel access and overflow control were also designed to bring Kimball Reservoir into compliance with current standards. The construction contract for improvements to, and rehabilitation of, the Kimball Street Reservoir; and demolition of the Pine Street Reservoir, was awarded to Diamond Engineering in the amount of \$712,930.00. That work was begun in early December, and needs to be completed during the low water demand winter season.

Discussion:

The Kimball roof is comprised of a concrete deck with insulation panels and a rubber membrane weather seal. The original contract specified that the roofing system be replaced only in the area of repair, about one fourth of the total roof area. Now that construction has been started, inspection of the rest of the roof indicates that all of the insulation panels are saturated with water and need to be replaced. Diamond Engineering has provided a proposal for a complete roof replacement for an additional \$53,125.00. Change Order # 1 provides for the addition of complete roof repair, for a final contract price of \$766,055.00.

Recommendation:

The proposed Change Order has been reviewed by Utility Staff and our engineering consultants, CH2MHill. The Utilities Department recommends authorizing Change Order # 1 to the Kimball Reservoir Rehabilitation and Pine Street Reservoir Demolition Contract.

Fiscal Effects:

An addition of \$ 53,125.00 to this project. There are sufficient funds available in Water Enterprise Fund 525.

Alternatives:

None recommended.

Staff Contact: Gary R. Mader; Dale Shotkoski

***Working Together for a
Better Tomorrow, Today.***

TO: The Diamond Engineering Co.
ATTN: Mr. Chris Mitchell
1521 Anna Street
P.O. Box 1327
Grand Island, NE 68802

CHANGE ORDER NO. 1

PROJECT: Kimball Reservoir Rehabilitation and Pine Street Reservoir Demolition – Utilities Dept. – Contract Change Order

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

Additional compensation for complete roof replacement of \$53,125.00.

ADD: \$53,125.00

and DELETE: \$

The original Contract Sum	\$	712,930.00
Previous Change Order Amounts:	\$	0.00
The Contract Sum is increased by the Change Order # 1	\$	53,125.00
The Contract Sum is decreased by the Change Order # 1	\$	<u>0.00</u>
The total modified Contract sum to date	\$	766,055.00

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 herein. Additional claims will not be considered.

APPROVED: CITY OF GRAND ISLAND

By: _____
Mayor

Date: _____

Attest: _____

Approved as to Form, City Attorney

ACCEPTED: The Diamond Engineering Company

By: _____

Date: _____

Title: _____

RESOLUTION 2003-394

WHEREAS, on August 26, 2003, by Resolution 2003-238, the City of Grand Island awarded the bid for Kimball Reservoir Rehabilitation and Pine Street Reservoir Demolition to the Diamond Engineering Company of Grand Island, Nebraska; and

WHEREAS, it has been determined that modifications to the work to be performed by Diamond Engineering Company 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 \$53,125.00 for a revised contract price of \$766,055.00.

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 the Diamond Engineering Company of Grand Island, Nebraska to provide the modifications set out as follows:

Complete roof replacement 53,125.00

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Adopted by the City Council of the City of Grand Island, Nebraska, December 23, 2003.

RaNae Edwards, City Clerk

Approved as to Form ☐ _____
December 19, 2003 ☐ City Attorney