



City of Grand Island

Tuesday, August 11, 2015

Council Session

Item G-14

**#2015-213 - Approving Change Order No. 1 for South Blaine Street
Bridge Replacements; Project No. 2014-B-1**

Staff Contact: John Collins, P.E. - Public Works Director

Council Agenda Memo

From: Terry Brown PE, Assistant Public Works Director

Meeting: August 11, 2015

Subject: Approving Change Order No. 1 for South Blaine Street Bridge Replacements; Project No. 2014-B-1

Presenter(s): John Collins PE, Public Works Director

Background

The City Council awarded the bid, in the amount of \$384,983.95, for construction of South Blaine Street Bridge Replacements; Project No. 2014-B-1 to The Diamond Engineering Co. of Grand Island, Nebraska on January 13, 2015 by Resolution No. 2015-9.

Any changes to the contract require council approval.

Discussion

Several factors have delayed completion of the project; including inclement weather and scheduling conflicts; therefore The Diamond Engineering is requesting the final completion date be changed from August 1, 2015 to November 30, 2015.

After discussions regarding the existing condition of the asphalt roadway it has been determined that this area should be upgraded to concrete pavement with this bridge replacement. Taking action on this now will reduce costs by not having to address this work in the future, as well as preventing upcoming closures of this section of roadway. Such additional work will add \$40,994.72 to the original contract, for a revised total of \$425,978.67.

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 that the Council approve extending the completion date to November 30, 2015, as well as the additional work noted in Change Order No. 1 in the amount of \$40,994.72.

Sample Motion

Move to approve the resolution.

Project: Blaine Street Bridges Replacement (No. 2014-B-1)

Contractor:
The Diamond Engineering Co.
PO Box 1327
Grand Island, NE 68802-1327

CHANGE ORDER NO. 1
Date of Issuance: 8/4/2015
Contract Date: 1/13/2015

Item No.	Description	Quantities	Units	Unit Price	Total Cost
CO1-1	Remove Pavement	760.00	SY	\$6.64	\$ 5,046.40
CO1-2	Build 7" P.C. Concrete Pavement	800.00	SY	\$46.56	\$ 37,248.00
CO1-3	Reduction of Contract Price for Remove Pavement	220.00	SY	-\$0.17	\$ (37.40)
CO1-4	Reduction of Contract Price for Build 7" P.C. Concrete Pavement	628.00	SY	-\$2.01	\$ (1,262.28)

TOTAL - CHANGE ORDER NO. 1 **\$ 40,994.72**

Contractor Price Prior to This Change Order **\$ 384,983.95**

Net Increase/Decrease Resulting from this Change Order **\$ 40,994.72**

Revised Contract Price Including this Change Order **\$ 425,978.67**

1) DESCRIPTION OF CHANGE(S) TO BE MADE

1. Remove the existing asphalt surfacing between Sta. 103+15 to Sta. 106+15. The removal of this area includes all costs of disposal, hauling, etc. that is already established as a payment method within the contract documents.

2. Build 7" P.C. Concrete Pavement from Sta. 103+15 to Sta. 106+15. This pay items includes all costs for subgrade work, concrete placement, finishing, etc. that is already established as a payment method within the contract documents.

3. Deduct original contract unit prices for pavement removal and build 7" P.C. Concrete Pavement per the direction of Diamond Engineering.

4. The first sentence within the Contract Documents Special Provision Section SP1.09 'Schedule & Calendar/Working Day Allowances' shall be removed and replaced with the following: "All contract work, except final seeding and erosion control, shall be completed by November 30, 2015. Final seeding and any remaining erosion control shall be finished first thing in the spring upon acceptable conditions to plant. Liquidated damages shall commence in the spring if final seeding and erosion control is not completed within 21 calendar days of acceptable planting weather."

2) REASONS FOR ORDERING CHANGE

1. & 2. The existing condition of the roadway between Sta. 103+15 to Sta. 106+15 was discussed during the pre-construction meeting. It was determined that it would be beneficial to consider paving this existing asphalt pavement to an ultimate 24' concrete pavement section now to reduce costs and delays in the future. During the original design this was taken into consideration but the funding was not available to complete the work. This extra work will now be considered to potentially save money from having to complete the construction in the future.

3. The Contractor indicated and approved the new unit item costs to be applied to the original contract items. This results in a net deduction for the original bid items.

4. Abnormal weather conditions has caused higher water tables within the area and limited the availability of the Contractor to complete the work per the Contract. An extension to the Contract final completion date will allow the Contractor to complete the work within the original designated 119 calendar days. Spring construction of the any remaining seeding and erosion control would be a worse case condition and allows for ideal growing conditions for the grass.

Approval Recommended:

By _____
John Collins, Public Works Director

Date _____

The Above Change Order Accepted:

Contractor

By _____

Date _____

Approved for the City of Grand Island:

By _____
Jeremy L. Jensen, Mayor

Attest _____

RaNae Edwards, City Clerk

Date _____

RESOLUTION 2015-213

WHEREAS, on January 13, 2015, by Resolution 2015-9, the City Council of the City of Grand Island approved the bid of The Diamond Engineering Co. of Grand Island, Nebraska for construction of South Blaine Street Bridge Replacements; Project No. 2014-B-1; and

WHEREAS, the completion of such project has been delayed due to several factors; and

WHEREAS, The Diamond Engineering Company has requested an extension from August 1, 2015 to November 30, 2015 in order to complete the project; and

WHEREAS, additional work is necessary to address the existing condition of the asphalt roadway with an upgrade to concrete pavement; and

WHEREAS, such additional work will add \$40,994.72 to the original contract, for a revised total of \$425,978.67; and

WEREAS, the Public Works Department supports such contract extension and additional roadway work.

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 Co. of Grand Island, Nebraska to provide the modifications of South Blaine Street Bridge Replacements; Project No. 2014-B-1.

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Adopted by the City Council of the City of Grand Island, Nebraska, August 11, 2015.

Jeremy L. Jensen, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☒ _____
August 7, 2015	☒ City Attorney