



City of Grand Island

Tuesday, October 26, 2021

Council Session

Item G-16

#2021-297 - Approving Change Order No. 2 for JBS Trail Construction

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

Council Agenda Memo

From: Keith Kurz PE, Assistant Public Works Director
Todd McCoy, Parks & Recreation Director

Meeting: October 26, 2021

Subject: Approving Change Order No. 2 for JBS Trail Construction

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

Background

The Diamond Engineering Company of Grand Island, Nebraska was awarded a \$618,752.16 contract on July 27, 2021, via Resolution No. 2021-180, to build a new ten (10) foot wide concrete trail approximately one (1) mile extending from the existing trail east and ending at the JBS plant.

On August 24, 2021, via Resolution No. 2021-208, City Council approved Change Order No. 1 to the JBS Trail construction project to modify the pedestrian crossing system. Such change order decreased the original contract amount by \$15,952.00, resulting in a revised amount of \$602,800.16.

Discussion

Change Order No. 2 for the JBS Trail construction project will allow for reconstruction of the exiting culvert, which has deteriorated and is no longer serving its purpose. This culvert is under the proposed alignment of the JBS Trail. This project will also allow for the extension of the referenced culvert to fix extreme erosion near a pole that supports critical electrical transmission lines coming from Burdick Station power plant. Failure to do this could result in the support pole failing. Below are pictures of the existing culvert.





The costs associated with Change Order No. 2 follow:

Item No.	Item	Quantity	Unit Cost	Total Cost
CO2-1	Construct 84" RCP	160.00 LF	\$ 818.75	\$131,000.00
CO2-2	84" Concrete Flared End Section	1.00 EA	\$13,500.00	\$ 13,500.00
CO2-3	84" Concrete Collar	1.00 EA	\$ 4,500.00	\$ 4,500.00

CO2-4	NDOT Crushed Rock Bedding	32.00 CY	\$ 93.75	\$ 3,000.00
CO2-5	NDOT Concrete Slope Protection (4" Concrete w/ 6"x6"x42" Wire Mesh with 6" Lap at Center Depth)	393.00 SY	\$ 68.70	\$ 27,000.00
CO2-6	NDOT Rock Rip Rap, Type A	140.00 TN	\$ 125.00	\$ 17,500.00
CO2-7	Filter Fabric	206.00 SY	\$ 9.71	\$ 2,000.00
CO2-8	Dewatering	1.00 LS	\$ 24,000	\$ 24,000.00
CO2-9	Removals	1.00 LS	\$ 9,000.00	\$ 9,000.00

Total Change Order No. 2= \$231,500.00

The result of Change Order No. 2 is an overall contract increase of \$231,500.00, for an updated contract cost of \$834,300.16. The work involved in Change Order No. 2 will leave the project deadline unchanged. Funds for this additional work will come from the Public Works portion of the 400 fund.

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 Change Order No. 2 for the JBS Trail construction project with The Diamond Engineering Company of Grand Island, Nebraska, in the amount of \$231,500.00.

Sample Motion

Move to approve the resolution.



CHANGE ORDER NO. 2

PROJECT: JBS Trail
CONTRACTOR: The Diamond Engineering Company
AMOUNT OF CONTRACT: \$618,752.16
CONTRACT DATE: July 27, 2021

Reconstruct existing culvert, with quantity/cost adjustments of such detailed below.

Item No.	Item	Quantity	Unit Cost	Total Cost
CO2-1	Construct 84" RCP	160.00 LF	\$ 818.75	\$131,000.00
CO2-2	84" Concrete Flared End Section	1.00 EA	\$13,500.00	\$ 13,500.00
CO2-3	84" Concrete Collar	1.00 EA	\$ 4,500.00	\$ 4,500.00
CO2-4	NDOT Crushed Rock Bedding	32.00 CY	\$ 93.75	\$ 3,000.00
CO2-5	NDOT Concrete Slope Protection (4" Concrete w/ 6"x6"x42" Wire Mesh with 6" Lap at Center Depth)	393.00 SY	\$ 68.70	\$ 27,000.00
CO2-6	NDOT Rock Rip Rap, Type A	140.00 TN	\$ 125.00	\$ 17,500.00
CO2-7	Filter Fabric	206.00 SY	\$ 9.71	\$ 2,000.00
CO2-8	Dewatering	1.00 LS	\$ 24,000	\$ 24,000.00
CO2-9	Removals	1.00 LS	\$ 9,000.00	\$ 9,000.00

Total Change Order No. 2=

\$231,500.00

Original Contract Price..... \$ 618,752.16

Change Order No. 1..... \$ (15,952.00)

Net Increase/Decrease Resulting from this Change Order..... \$ 231,500.00

Revised Contract Price Including this Change Order..... \$

834,300.16

The Above Change Order Accepted:

The Diamond Engineering Company

By _____ Date _____

Approval Recommended:

By _____ Date _____
John Collins PE, Public Works Director/City Engineer

Approved for the City of Grand Island, Nebraska

By _____ Date _____
Mayor

Attest _____
City Clerk

RESOLUTION 2021-297

WHEREAS, on July 27, 2021, via Resolution No.2021-180 the City of Grand Island awarded The Diamond Engineering Company of Grand Island, Nebraska the bid in the amount of \$618,752.16 to build a new ten (10) foot wide concrete trail approximately one (1) mile extending from the existing trail east and ending at the JBS plant; and

WHEREAS, on August 24, 2021, via Resolution No. 2021-208, City Council approved Change Order No. 2, for a contract decrease of \$15,952.00, to the JBS Trail construction project; and

WHEREAS, it has been determined that further modifications are necessary to complete such project; and

WHEREAS, such modifications have been incorporated into Change Order No. 2; and

WHEREAS, the result of Change Order No. 2 is an overall contract increase of \$231,500.00, for an updated contract cost of \$834,300.16.

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. 2 between the City of Grand Island and The Diamond Engineering Company of Grand Island, Nebraska to provide the modifications.

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Adopted by the City Council of the City of Grand Island, Nebraska, October 26, 2021.

Roger G. Steele, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
October 22, 2021	☐ City Attorney