



City of Grand Island

Tuesday, June 26, 2018

Council Session

Item G-21

#2018-188 - Approving Change Order No. 3 for Sanitary Sewer Collection System Rehabilitation – Various Locations; Project No. 2017-S-2A

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

Council Agenda Memo

From: Keith Kurz PE, Assistant Public Works Director

Meeting: June 26, 2018

Subject: Approving Change Order No. 3 for Sanitary Sewer Collection System Rehabilitation – Various Locations; Project No. 2017-S-2A

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

Background

The Diamond Engineering Company of Grand Island, Nebraska was awarded a \$304,380.16 contract by the City Council on May 23, 2017, via Resolution No. 2017-151, for the Sanitary Sewer Collection System Rehabilitation – Various Locations; Project No. 2017-S-2A.

On August 22, 2017, via Resolution No. 2017-230, Grand Island City Council approved Change Order No. 1 in the amount of 44,632.63, which allowed for repair of Manhole No. 477; the base had fallen in and was severely deteriorated.

On April 24, 2018, via Resolution No. 2018-111, Grand Island City Council approved Change Order No. 2 to allow for an extension of the project completion date from April 20, 2018 to July 15, 2018, at no additional cost.

There are approximately 230 miles of gravity sewer within the City of Grand Island's collection system. The majority of this infrastructure is between 26 and 75 years old, and between 8 and 18 inches in diameter. The majority of the sanitary sewer rehabilitations are related to old clay tile pipe and or damaged / dilapidated manholes.

Discussion

At this time staff is requesting Change Order No. 3 to allow for rectifying of bid items to be incorporated into the referenced project, which will result in an overall contract increase of \$37,339.32. Such increase will result in a revised contract amount of \$386,352.11.

Item No.	Description	Quantity	Unit	Unit Price	Total Price
A5	Saw Cut Existing Pavement	+ 133.00	LF	\$ 4.18	\$ 555.94
A6	Remove Existing Pavement	+ 296.00	SY	\$ 15.01	\$ 4,442.96
A8	Remove Existing 10" Sanitary Sewer Pipe	- 34.00	LF	\$ 41.69	\$ (1,417.46)
A10	Sanitary Sewer Manhole	+ 2.00	EA	\$ 7,712.01	\$ 15,424.02
A11	Additional Manhole Depth	+ 8.20	VF	\$ 339.30	\$ 2,782.26
A12	Fiberglass Manhole	- 0.83	EA	\$ 9,896.55	\$ (8,201.99)
A13	8" OPVC (SDR 35) Sanitary Sewer Pipe	+ 48.00	LF	\$ 116.78	\$ 5,605.44
A14	10" PVC (SDR 35) Sanitary Sewer Pipe	+ 23.00	LF	\$ 66.14	\$ 1,521.22
A16	11" Portland Cement Concrete (PCC) Pavement	+ 256.00	SY	\$ 79.92	\$ 20,459.52
A17	Place Curb & Gutter	+ 77.00	LF	\$ 16.59	\$ 1,277.43
A18	4" PCC Median Surfacing	+ 110.00	SF	\$ 5.93	\$ 652.30
A19	4" Pavement Marking	- 50.00	LF	\$ 9.29	\$ (464.50)
A20	Temporary Shoring	- 406.00	LF	\$ 48.02	\$ (19,496.12)
B1	Mobilization/Demobilization	+ 0.15	LS	\$30,885.52	\$ 4,632.83
B3	Traffic Control	+ 0.15	LS	\$ 8,119.61	\$ 1,217.95
B4	Dewatering	+ 0.28	LS	\$22,796.45	\$ 6,419.48
B5	Saw Cut Existing Pavement	+ 28.00	LF	\$ 4.18	\$ 117.04
B6	Remove Existing Pavement	+ 1.00	SY	\$ 15.01	\$ 15.01
B7	Remove Existing 8" Sanitary Sewer Pipe	- 6.00	LF	\$ 41.69	\$ (250.14)
B8	8" PVC (SDR 35) Sanitary Sewer Pipe	- 6.00	LF	\$ 64.17	\$ (385.02)
B9	Fernco Flexible Coupling with Concrete Collar	+ 3.00	EA	\$ 337.79	\$ 1,013.37
B10	11" Portland Cement Concrete (PCC) Pavement	- 35.00	SY	\$ 80.68	\$ (2,823.80)
B11	Concrete Curb & Gutter	+ 1.00	LF	\$ 16.64	\$ 16.64
B12	4" Concrete Sidewalk	+ 204.00	SF	\$ 7.25	\$ 1,479.00
B13	Temporary Shoring	+ 9.00	LF	\$ 48.02	\$ 432.18
CO1-4	Remove Existing Pavement	+ 76.00	SY	\$ 15.01	\$ 1,140.76
CO1-6	Remove Existing 8" Sanitary Sewer Pipe	- 5.00	LF	\$ 41.69	\$ (208.45)
CO1-7	Remove Existing 15" Sanitary Sewer Pipe	- 20.50	LF	\$ 41.69	\$ (854.65)
CO1-10	8" PVC (SDR 35) Sanitary Sewer Pipe	- 5.00	LF	\$ 116.78	\$ (583.90)
CO1-11	15" PVC (SDR 35) Sanitary Sewer Pipe	- 20.50	LF	\$ 73.00	\$ (1,496.50)
CO1-13	11" Portland Cement Concrete (PCC) Pavement	+ 58.66	SY	\$ 79.92	\$ 4,688.11
CO1-14	4" Pavement Marking	- 40.00	LF	\$ 9.29	\$ (371.61)
Change Order No. 1 Total =					\$ 37,339.32

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. 3 for the Sanitary Sewer Collection System Rehabilitation – Various Locations; Project No. 2017-S-2A with The Diamond Engineering Company of Grand Island, Nebraska.

Sample Motion

Move to approve the resolution.



CHANGE ORDER NO. 3

PROJECT: Sanitary Sewer Collection System Rehabilitation – Various Locations; Project No. 2017-S-2A

CONTRACTOR: The Diamond Engineering Company

AMOUNT OF CONTRACT: \$304,380.16

CONTRACT DATE: May 23, 2017

To allow for rectifying quantities of bid items to be incorporated into referenced project.

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CO1-14	4" Pavement Marking	- 40.00	LF	\$ 9.29	\$ (371.61)
Change Order No. 1 Total =					\$ 37,339.32

Contract Price Prior to this Change Order.....	\$304,380.16
Change Order No. 1 Net Increase.....	\$ 44,632.63
Change Order No. 2 Net Neutral.....	\$ 0.00
Change Order No. 3 Net Increase.....	\$ 37,339.32
Revised Contract Price Including Change Order No. 3.....	\$ 386,352.11

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 2018-188

WHEREAS, on May 23, 2017, via Resolution No.2017-151, the City of Grand Island awarded The Diamond Engineering Company of Grand Island, Nebraska the bid in the amount of \$304,380.16 for Sanitary Sewer Collection System Rehabilitation – Various Locations; Project No. 2017-S-2A; and

WHEREAS, on August 22, 2017, via Resolution No. 2017-230, Grand Island City Council approved Change Order No. 1 in the amount of 44,632.63, which allowed for repair of Manhole No. 477; the base had fallen in and was severely deteriorated; and

WHEREAS, on April 24, 2018, via Resolution No. 2018-111, Grand Island City Council approved Change Order No. 2 at no additional cost to allow for an extension of the project completion date from April 20, 2018 to July 15, 2018; and

WHEREAS, it is necessary to rectify quantities of bid items to be incorporated into the referenced project, which will result in an overall contract increase of \$37,339.32, for a revised contract amount of \$386,352.11 to complete such project; and

WHEREAS, such modifications have been incorporated into Change Order No. 3.

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. 3, in the amount of \$37,339.32, 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, June 26, 2018.

Jeremy L. Jensen, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
June 22, 2018	☐ City Attorney