



City of Grand Island

Tuesday, January 14, 2020

Council Session

Item G-16

#2020-14 - Approving Change Order No. 2 for Downtown Sanitary Sewer Rehabilitation- 2019; Project No. 2019-S-1

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

Council Agenda Memo

From: Keith Kurz PE, Assistant Public Works Director

Meeting: January 14, 2020

Subject: Approving Change Order No. 2 for Downtown Sanitary Sewer Rehabilitation- 2019; Project No. 2019-S-1

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

Background

Municipal Pipe Tool Co., LLC of Hudson, Iowa was awarded a \$634,409.00 contract on April 23, 2019, via Resolution No. 2019-143, for Downtown Sanitary Sewer Rehabilitation- 2019; Project No. 2019-S-1.

On November 12, 2019, via Resolution No. 2019-342, City Council approved Change Order No. 1 in the amount of \$19,290.00 to allow an increase to the pre-liner footage and additional pay items for 12" pre-liner and mortar plugging for pipe transition to minimize risk of failure on this project. Change Order No. 1 resulted in a revised contract amount of \$653,699.00.

Public Works is taking a proactive approach in rehabilitating sanitary sewer in the downtown area to avoid failures. Cured in Place Pipe (CIPP) lining with manhole rehabilitation will be the focus of this project to reinforce structural integrity of the collection system. Existing pipe segments are within constricted alleyways of the project boundary, which is Clark Street to the west, South Front Street to the north, Plum Street to the east, and First Street to the south. Additional failing pieces in the area may be assessed to determine the best rehabilitation method. Segments are mostly 8-inch pipe, with total length of approximately 13,000 linear feet.

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 for old clay tile pipe and or damaged / dilapidated manholes.

Discussion

Change Order No. 2 to the referenced project is being requested to address reinstatement of an unknown service at the time of design, add a transition liner to a line that was found to be in bad repair which is adjacent to pipes included in the original project, additional

bypass pumping and traffic control, as well as rectifying quantities on a few pay items; detailed on the attached change order.

In order to complete this work Change Order No. 2 is necessary, which will result in a contract increase of \$47,341.00, for a revised contract amount of \$701,040.00.

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 Downtown Sanitary Sewer Rehabilitation- 2019; Project No. 2019-S-1 with Municipal Pipe Tool Co., Inc. of Hudson, Iowa.

Sample Motion

Move to approve the resolution.



CHANGE ORDER NO. 2

PROJECT: Downtown Sanitary Sewer Rehabilitation- 2019; Project No. 2019S-1

CONTRACTOR: Municipal Pipe Tool Co., Inc.

AMOUNT OF CONTRACT: \$634,409.00

CONTRACT DATE: April 29, 2019

To address reinstatement of an unknown service at the time of design, add a transition liner to a line that was found to be in bad repair which is adjacent to pipes included in the original project, additional bypass pumping and traffic control, as well as rectifying quantities on a few pay items; detailed below.

<i>Item No.</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Total Price</i>
14	Manhole 365 Excavation	- 1.00	LS	\$ 15,000.00	\$ (15,000.00)
AB-10	Remove and Replace Manhole Flat Lid	- 2.00	EA	\$ 3,500.00	\$ (7,000.00)
AB-11	Remove and Replace 6" Concrete	- 50.00	SY	\$ 105.00	\$ (5,250.00)
CO2-1	Reinstatement of Missed Service	+ 1.00	LS	\$ 712.50	\$ 712.50
CO2-2	Manhole 368 Rehabilitation Credit (Item #15)	- 1.00	LS	\$ 1,382.00	\$ (1,382.00)
CO2-3	30" to 21" CIPP Transition Liner	+ 1.00	LS	\$ 2,500.00	\$ 2,500.00
CO2-4	CIPP Line 24" Sewer Line Between MH #198 and MH #195	+ 1.00	LS	\$ 55,760.50	\$ 55,760.50
CO2-5	Additional Bypass Pumping and Traffic Control	+ 1.00	LS	\$ 17,000.00	\$ 17,000.00
Change Order No. 2 Total =					\$ 47,341.00

Contract Price Prior to this Change Order.....	\$ 634,409.00
Net Increase Resulting from Change Order No. 1.....	\$ 19,290.00
Net Increase Resulting from this Change Order.....	\$ 47,341.00
Revised Contract Price Including this Change Order.....	\$
701,040.00	

The Above Change Order Accepted:

Municipal Pipe Tool Co., LLC.

By _____ Date _____

Approval Recommended:

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

Date _____

Approved for the City of Grand Island, Nebraska

By _____
Mayor

Date _____

Attest _____
City Clerk

RESOLUTION 2020-14

WHEREAS, on April 23, 2019, via Resolution No.2019-143, the City of Grand Island awarded Municipal Pipe Tool Co., Inc. of Hudson, Iowa the bid in the amount of \$634,409.00 for Downtown Sanitary Sewer Rehabilitation- 2019; Project No. 2019-S-1; and

WHEREAS, on November 12, 2019, via Resolution No. 2019-342, City Council approved Change Order No. 1 in the amount of \$19,290.00 to allow an increase to the pre-liner footage and additional pay items for 12" pre-liner and mortar plugging for pipe transition to minimize risk of failure on this project, resulting in a revised contract amount of \$653,699.00; and

WHEREAS, it has been determined that an unknown service needs to be reinstated, a transition liner needs to be added, additional bypass pumping and traffic control are necessary, as well as rectifying quantities on a few pay items; and

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

WHEREAS, the result of such modifications will increase the contract amount by \$47,341.00 for a revised contract price of \$701,040.00.

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. 2 in the amount of \$47,341.00 between the City of Grand Island and Municipal Pipe Tool Co., Inc. of Hudson, Iowa to provide the modifications.

Adopted by the City Council of the City of Grand Island, Nebraska, January 14, 2020.

Roger G. Steele, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
January 10, 2020	☐ City Attorney