



City of Grand Island

Tuesday, November 12, 2019

Council Session

Item G-23

**#2019-342 - Approving Change Order No. 1 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: June 12, 2018

Subject: Approving Change Order No. 1 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.

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. 1 to the referenced project is being requested to increase the pre-liner footage and add pay items for 12" pre-liner and mortar plugging for pipe transition, which will minimize risk of failure on this project. This additional work will increase the success rate on install of lining, as upon televising the sanitary sewer mains in preparation of lining, the contractor discovered larger voids in the pipe which could impact the lining process.

In order to complete this work Change Order No. 1 is necessary, which will result in a contract increase of \$19,290.00, resulting in a revised contract amount of \$653,699.00.

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. 1 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. 1

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

Increase the pre-liner footage and add pay items for 12" pre-liner and mortar plugging for pipe transition, which will minimize risk of failure on this project. This additional work will increase the success rate on install of lining, as upon televising the sanitary sewer mains in preparation of lining, the contractor discovered larger voids in the pipe which could impact the lining process.

<i>Item No.</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Total Price</i>
6	15-Inch Pre-Liner	+ 380.00	LF	\$ 5.00	\$ 1,900.00
7	8-Inch Pre-Liner	+ 2,990.00	LF	\$ 5.00	\$ 14,950.00
CO1-1	12-Inch Pre-Liner	+ 288.00	LF	\$ 5.00	\$ 1,440.00
CO1-2	Mortar Plugging for Pipe Transition	+ 2.00	EA	\$ 500.00	\$ 1,000.00
Change Order No. 1 Total =					\$ 19,290.00

Contract Price Prior to this Change Order..... \$ 634,409.00

Net Increase Resulting from this Change Order..... \$ 19,290.00

Revised Contract Price Including this Change Order..... \$ 653,699.00

The Above Change Order Accepted:

Municipal Pipe Tool Co., Inc.

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 2019-342

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, it has been determined that an increase to the pre-liner footage and additional pay items for 12" pre-liner and mortar plugging for pipe transition are necessary to minimize risk of failure on this project; and

WHEREAS, this additional work will make for a higher quality product for the City, as upon televising the sanitary sewer mains larger voids than thought to exist were discovered ; 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 \$19,290.00 for a revised contract price of \$653,699.00.

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 in the amount of \$19,290.00 between the City of Grand Island and Municipal Pipe Tool Co., Inc. of Hudson, Iowa to provide the modifications.

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Adopted by the City Council of the City of Grand Island, Nebraska, November 12, 2019.

Roger G. Steele, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
November 8, 2019	☐ City Attorney