



City of Grand Island

Tuesday, November 12, 2013

Council Session

Item G-20

**#2013-365 - Approving Change Order No. 3 for 5th Street Sanitary
Sewer Improvements; Project No. 2012-S-3**

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

Council Agenda Memo

From: Marvin Strong PE, Wastewater Plant Engineer

Meeting: November 12, 2013

Subject: Approving Change Order No. 3 for 5th Street Sanitary Sewer Improvements; Project No. 2012-S-3

Item #'s: G-20

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

Background

On October 4, 2012 the Engineering Division of the Public Works Department advertised for bids for the 5th Street Sanitary Sewer Improvements; Project No. 2012-S-3.

The completed project provides a new interceptor sewer line added along the south side of 5th Street from Eddy Street to the Vine Street. The sewer line size will be a twenty-one (21) inch line with an approximate length of thirty seven hundred (3,700) feet.

The existing 15-inch vitrified clay sewer line that is located in the alley between 4th Street and 5th Street from Eddy Street to Vine Street will be rehabilitated with a combination of spot repairs and the installation of a Cured In Place Pipe (CIPP) liner.

On August 28, 2012, Resolution 2012-360, City Council awarded, Project 2012-S-3, 5th Street Sanitary Sewer Improvements to The Van Kirk Brothers Contracting of Sutton, Nebraska, in the amount of \$1,734,105.93.

Community Development Block Grant has allocated revitalization funds to a portion of the project in the amount of \$499,638.70.

On July 23, 2013, Resolution 2013-241, City Council approved Change Order No. 1 for a construction time extension of forty-five (45) days in bid section "A", and construction time extension of thirty-one (31) days in bid section "B".

On August 27, 2013, Resolution 2013-282, City Council approved Change Order No. 2 to balance the construction bid unit quantity measurements based on the actual field measurements from final installed work for bid section "B", resulting in a cost reduction of \$(162,005.32).

Discussion

Change Order No. 3 provides for actual quantities placed within bid section “A” of this project, resulting in an increase of \$92,432.21 for a revised contract amount of \$1,664,532.82. The increase is due primarily to additional pavement removal and replacement. A summary of this change order is attached for your reference.

Public Works staff and the consulting engineer Olsson Associates have reviewed such changes and believe them to be necessary for a quality project.

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, in the amount of \$92,432.21, with The Van Kirk Brothers of Sutton, Nebraska for 5th Street Sanitary Sewer Improvements, Project 2012-S-3.

Sample Motion

Move to approve the resolution.

Change Order

No. 3 (Final)

Date of Issuance: October 23, 2013

Effective Date: October 23, 2013

Project: 5th Street Sanitary Sewer
Improvements

Owner: City of Grand Island,
Nebraska

Owner's Contract No.: 2012-S-3

Contract: 5th Street Sanitary Sewer Improvements

Date of Contract:

Contractor: Van Kirk Bros. Contracting, 1200 W Ash, PO Box 585, Sutton, NE
68979

Engineer's Project No.: 011-2347

The Contract Documents are modified as follows upon execution of this Change Order:

Description: Final quantities

Attachments (list documents supporting change):

See attached

CHANGE IN CONTRACT PRICE:

Original Contract Price:

\$1,734,105.93

Decrease from previously approved Change Orders No. 1 to No.2:

\$-162,005.32

Contract Price prior to this Change Order:

\$1,572,100.61

Increase of this Change Order:

\$92,432.21

Contract Price incorporating this Change Order:

\$1,664,532.82

CHANGE IN CONTRACT TIMES:

Original Contract Times:

☐ Working days

☒ Calendar days

Substantial completion (days or date): N/A

Ready for final payment (date): Bid Section "A" - August 15, 2013

Bid Section "B" - June 30, 2013

Increase from previously approved Change Orders

No. N/A to No. 2:

Substantial completion (days): N/A

Ready for final payment (days): Bid Section "A" - September 30, 2013

Bid Section "B" - August 12, 2013

Contract Times prior to this Change Order:

Substantial completion (days or date): N/A

Ready for final payment (date): Bid Section "A" - September 30, 2013

Bid Section "B" - August 12, 2013

Increase of this Change Order:

Substantial completion (days or date): N/A

Ready for final payment (date): Bid Section "A" - October 23, 2013

Bid Section "B" - N/A

Contract Times with all approved Change Orders:

Substantial completion (days or date): N/A

Ready for final payment (date): Bid Section "A" - October 23, 2013

Bid Section "B" - August 12, 2013

RECOMMENDED: OLSSON ASSOCIATES

By: 

Engineer (Authorized Signature)

Date: 10/23/13

Approved by Funding Agency (if applicable):

ACCEPTED: CITY OF GRAND ISLAND,
NEBRASKA

By: 

Owner (Authorized Signature)

Date: 11/5/2013

ACCEPTED: VAN KIRK BROS. CONTRACTING

By: 

Contractor (Authorized Signature)

Date: 10/29/13

Date: _____

EJCDC C-941 Change Order

Prepared by the Engineers Joint Contract Documents Committee and endorsed by the Construction Specifications Institute.

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Item No.	Description	Item	Plan Quantities	Bid Price	Original Total Cost	Adjusted Quantities	Total Actual Cost	Total Net Increase/Decrease
UNIT PRICE BID								
BID SECTION "A"								
C1.01	Mobilization / Demobilization	LS	1	\$84,500.00	\$84,500.00	1	\$84,500.00	\$0.00
C1.02	21" PVC Sanitary Sewer Line, SDR 26	LF	3787	\$135.00	\$511,245.00	3787	\$511,245.00	\$0.00
C1.03	48" Dia. Precast Manhole – Type 2 (5' Depth)	EA	11	\$3,221.00	\$35,431.00	11	\$35,431.00	\$0.00
C1.04	Additional Manhole Depth, Type 2	VF	120	\$310.00	\$37,246.50	120	\$37,200.00	-\$46.50
C1.05	Construct Structure #1	LS	1	\$8,500.00	\$8,500.00	1	\$8,500.00	\$0.00
C1.06	Remove and Replace Pavement	SY	9893	\$48.50	\$479,810.50	11632.32	\$564,167.52	\$84,357.02
C1.07	Abandon Existing Sanitary Sewer Manhole	EA	1	\$600.00	\$600.00	1	\$600.00	\$0.00
C1.08	1" Water Service Connection	EA	15	\$550.00	\$8,250.00	16	\$8,800.00	\$550.00
C1.09	1" Curb Stop w/Box	EA	15	\$325.00	\$4,875.00	16	\$5,200.00	\$325.00
C1.10	1" Water Service Tubing. Type "K Cu.	LF	733	\$16.31	\$11,955.23	450	\$7,339.50	-\$4,615.73
C1.11	Remove and Replace 24" R.C. Storm Sewer F	LF	42	\$51.00	\$2,142.00	30	\$1,530.00	-\$612.00
C1.12	Remove and Replace 21" R.C. Storm Sewer F	LF	23	\$50.00	\$1,150.00	0	\$0.00	-\$1,150.00
C1.13	Remove and Replace 18" R.C. Storm Sewer F	LF	66	\$47.00	\$3,102.00	16	\$752.00	-\$2,350.00
C1.14	Remove and Replace 12" R.C. Storm Sewer F	LF	376	\$35.00	\$13,160.00	398	\$13,930.00	\$770.00
C1.15	Traffic Control	LS	1	\$32,500.00	\$32,500.00	1	\$32,500.00	\$0.00
New Pay Items								
C1.16	Relocate Water Meter	LS	0	\$1,500.00	\$0.00	1	\$1,500.00	\$1,500.00
C1.17	Remove and Replace Driveway	SY	0	\$47.50	\$0.00	95.84	\$4,552.40	\$4,552.40
C1.18	Remove and Replace sidewalk	SF	0	\$5.50	\$0.00	218	\$1,199.00	\$1,199.00
C1.19	Additional Traffic Control	LS	0	\$7,953.02	\$0.00	1	\$7,953.02	\$7,953.02
TOTAL BID SECTION "A"					\$1,234,467.23		\$1,326,899.44	\$92,432.21

RESOLUTION 2013 365

WHEREAS, On August 28, 2012, Resolution 2012-360, City Council awarded, Project 2012-S-3, 5th Street Sanitary Sewer Improvements to The Van Kirk Brothers Contracting of Sutton, Nebraska, in the amount of \$1,734,105.93; and

WHEREAS, On July 23, 2013, Resolution 2013-241, City Council approved Change Order No. 1 incorporating additional construction calendar days into the contract; and

WHEREAS, on August 27, 2013, by Resolution No. 2013-282, City Council approved Change Order No. 2 to balance the construction bid unit quantity measurements based on the actual field measurements from final installed work for bid section "B", resulting in a cost reduction of \$(162,005.32); and

WHEREAS, Change Order No. 3 is necessary to provide for actual quantities placed within bid section "A" of such project, resulting in an increase of \$92,432.21 for a revised contract amount of \$1,664,532.82; and

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that Change Order No. 3, in the amount of \$92,432.21 for 5th Street Sanitary Sewer Improvements; Project No. 2012-S-3 with The Van Kirk Brothers Contracting of Sutton, Nebraska is hereby approved for a revised contract amount of \$1,664,532.82.

BE IT FURTHER RESOLVED, that the Mayor is hereby authorized and directed to execute Change Order No. 3 on behalf of the City of Grand Island.

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Adopted by the City Council of the City of Grand Island, Nebraska, November 12, 2013.

Jay Vavricek, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
August 27, 2013	☐ City Attorney