



City of Grand Island

Tuesday, January 8, 2019

Council Session

Item G-20

**#2019-16 - Approving Change Order #1 - Water Main Project
2018-W-3 - Golden Age Subdivision**

Staff Contact: Tim Luchsinger, Stacy Nonhof

Council Agenda Memo

From: Timothy Luchsinger, Utilities Director
Stacy Nonhof, Assistant City Attorney

Meeting: January 8, 2019

Subject: Water Main Project 2018-W-3 – Change Order #1

Presenter(s): Timothy Luchsinger, Utilities Director

Background

Water Main Project 2018-W-3 installed approximately 1,740 linear feet of new City water main within Golden Age Subdivision. The project supplemented the existing 4” and 6” diameter water lines with new 10”, 8” and 6” ductile iron pipe. The work provided increased capacity and fire protection for the area.

Discussion

The original contract was awarded by Council on February 13, 2018, in the amount of \$199,795.07 to Van Kirk Brothers Contracting of Sutton, Nebraska. The following Scope alterations were encountered:

Additional items were required to complete the project due to rubble encountered when excavating; utility sizes differing from sizes of record; and poor condition of existing infrastructure. The total additional cost for this work is \$2,661.00.

During the process of constructing the water main, materials were added or deducted to complete the work. Unit prices were provided in the Contract and specified that the contractor be paid on the basis of actual quantity installed, times the Contract’s unit price. A significant portion of the quantity overage is due to additional pavement and sidewalk repair for replacing deteriorating existing hard surfacing. This total is \$7,555.43.

The original Engineer’s estimate was \$410,000.00. The original contract was for \$199,795.07. The total changes to the contract amount to \$10,216.43. This results in a final contract cost of \$210,011.50.

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 #1 to the Water Main Project 2018-W-3 Contract in the amount of \$10,216.43, for a final contract amount of \$210,011.50.

Sample Motion

Move to approve Change Order #1 with Van Kirk Brothers Contracting to the Water Main Project 2018-W-3 Contract in the amount of \$10,216.43, for a final contract amount of \$210,011.50.

*Working Together for a
Better Tomorrow, Today.*

CHANGE ORDER #1

NAME OF PROJECT: Water Main Project 2018-W-3 Golden Age Subdivision

CONTRACTOR: Van Kirk Bros. Contracting
 1200 W. Ash St.
 Sutton, NE 68979

OWNER: City of Grand Island, NE

THE FOLLOWING MODIFICATIONS TO THE CONTRACT ARE HEREBY ORDERED:

ITEM	DESCRIPTION	BID			INSTALLED		
		QUANTITY	UNIT	Unit Price \$	QUANTITY	UNIT	\$ +/-
D.1.01	10" S.J. D.I. PIPE	1022.00	LF	\$44.50	1022.50	LF	\$22.25
D.1.02	8" S.J. D.I. PIPE	379.00	LF	\$40.00	379.60	LF	\$24.00
D.1.03	6" S.J. D.I. PIPE	373.50	LF	\$38.00	328.30	LF	-\$1,717.60
D.1.04	4" S.J. D.I. PIPE	6.00	LF	\$45.00	9.20	LF	\$144.00
D.1.09	10"X45° M.J. BEND	7.00	EA	\$325.00	9.00	EA	\$650.00
D.1.12	10" RETAINER GLAND	1.00	EA	\$90.00	5.00	EA	\$360.00
D.1.13	10" SOLID SLEEVE	1.00	EA	\$315.00	0.00	EA	-\$315.00
D.1.17	8" RETAINER GLAND	1.00	EA	\$75.00	0.00	EA	-\$75.00
D.1.18	8" SOLID SLEEVE	1.00	EA	\$260.00	0.00	EA	-\$260.00
D.1.19	6"X6" TAPPING SLEEVE	4.00	EA	\$1,680.00	2.00	EA	-\$3,360.00
D.1.22	6"X45° M.J. BEND	6.00	EA	\$200.00	4.00	EA	-\$400.00
D.1.23	6" FOSTER ADAPTOR	1.00	EA	\$200.00	0.00	EA	-\$200.00
D.1.24	6" RETAINER GLAND	10.00	EA	\$55.00	21.00	EA	\$605.00
D.1.25	6" SOLID SLEEVE	1.00	EA	\$205.00	3.00	EA	\$410.00
D.1.27	6" OFFSET FITTING	1.00	EA	\$260.00	4.00	EA	\$780.00
D.1.28	4"X4" TAPPING SLEEVE	1.00	EA	\$1,535.00	2.00	EA	\$1,535.00
D.1.31	6" R.S. GATE TAPPING VALVE	4.00	EA	\$1,100.00	2.00	EA	-\$2,200.00
D.1.33	4" R.S. GATE TAPPING VALVE	1.00	EA	\$835.00	2.00	EA	\$835.00
D.1.34	VALVE BOX	16.00	EA	\$245.00	15.00	EA	-\$245.00
D.1.35	FIRE HYDRANT	7.00	EA	\$325.00	6.00	EA	-\$325.00
D.1.36	POLYWRAP	1780.50	LF	\$1.80	1739.50	LF	-\$73.80
D.1.38	THRUST BLOCK	35.00	EA	\$60.00	38.00	EA	\$180.00
D.1.41	REMOVE EXISTING VALVE	2.00	EA	\$100.00	3.00	EA	\$100.00
D.1.43	REMOVE EXISTING WATER MAIN	13.70	LF	\$15.00	18.90	LF	\$78.00
D.1.45	SAW CUT	850.60	LF	\$3.40	1030.80	LF	\$612.68
D.1.46	REMOVE EXISTING ROADWAY	633.70	SY	\$6.25	688.80	SY	\$344.37
D.1.47	REPLACE EXISTING ROADWAY	652.30	SY	\$64.00	692.20	SY	\$2,553.60

		BID			INSTALLED		
ITEM	DESCRIPTION	QUANTITY	UNIT	Unit Price \$	QUANTITY	UNIT	\$ +/-
D.1.48	REMOVE DRIVEWAY	22.80	SY	\$6.75	39.80	SY	\$114.75
D.1.49	REPLACE DRIVEWAY	22.80	SY	\$55.00	39.80	SY	\$935.00
D.1.50	REMOVE SIDEWALK	896.10	SF	\$0.60	1617.70	SF	\$432.96
D.1.51	REPLACE SIDEWALK	896.10	SF	\$5.75	1617.70	SF	\$4,149.20
D.1.52	REMOVE CURB AND GUTTER SECTION	90.40	LF	\$6.00	100.40	LF	\$60.00
D.1.53	REMOVE INTEGRAL CURB	253.00	LF	\$1.00	337.00	LF	\$84.00
D.1.54	REPLACE INTEGRAL CURB	343.40	LF	\$3.90	446.20	LF	\$400.92
D.1.55	DETECTABLE WARNING PLATE	1.00	EA	\$250.00	7.00	EA	\$1,500.00
D.1.57	SEEDING	0.75	AC	\$3,000.00	0.69	AC	<u>-\$183.90</u>

SUBTOTAL D.1.01-D.1.57:

\$ 7,555.43

-	EXCAVATE, LOAD, HAUL & DISPOSE RUBBLE	-	-	\$1,146.00	1.00	LS	\$1,146.00
-	4" FOSTER ADAPTOR	-	-	\$180.00	2.00	EA	\$360.00
-	4"X45° M.J. BEND	-	-	\$188.00	2.00	EA	\$376.00
-	4" RETAINER GLAND	-	-	\$46.00	4.00	EA	\$184.00
-	REMOVE BROKEN VALVE	-	-	\$400.00	1.00	EA	\$400.00
-	6"X4" REDUCER	-	-	\$195.00	1.00	EA	<u>\$195.00</u>

SUBTOTAL ADDITIONAL ITEMS:

\$ 2,661.00

THIS CHANGE ORDER AMOUNT:

\$ 10,216.43

ORIGINAL CONTRACT AMOUNT:

\$ 199,795.07

REVISED CONTRACT AMOUNT (including this Change Order)

\$ 210,011.50

REASONS FOR MODIFICATIONS:

During the process of constructing the contract, materials were added or deducted to complete the work. Unit prices were provided in the Contract and specified that the contractor be paid on the basis of actual quantity installed, times the Contract's unit prices. A significant portion of the quantity overage is due to additional pavement and sidewalk repair required for replacing deteriorating existing hard surfacing. The additional items listed were required due to rubble encountered when excavating, utility sizes differing from sizes of record, and poor condition of existing infrastructure.

Contractor: 
Van Kirk Bros. Contracting

Date: Dec 18, 2018

Owner: _____
City of Grand Island, NE

Date: _____

RESOLUTION 2019-16

WHEREAS, Water Main Project 2018-W-3 installed approximately 1,740 linear feet of new City water main within Golden Age Subdivision to provide increased capacity and fire protection for the area; and

WHEREAS, the original contract was awarded by City Council on February 13, 2018, in the amount of \$199,795.07 to Van Kirk Brothers Contracting of Sutton, Nebraska; and

WHEREAS, additional items were required to complete the project due to rubble encountered when excavating, utility sizes differing from sizes of record, and poor condition of existing infrastructure and the cost of this work is \$2,661.00; and

WHEREAS, during the process of constructing the water main, materials were added or deducted to complete the project and a significant portion of the quantity overage was due to additional pavement and sidewalk repair for replacing deteriorating existing hard surfacing. This total is \$7,555.43 for a total cost change of \$10,216.43.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that Change Order #1 in the amount of \$10,216.43, for the construction of Water Main Project 2018-W-3 is approved and the Mayor is hereby authorized to sign the Change Order on behalf of the City of Grand Island.

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Adopted by the City Council of the City of Grand Island, Nebraska, January 8, 2019.

Roger G. Steele, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
January 4, 2019	☐ City Attorney