



City of Grand Island

Tuesday, December 8, 2020

Council Session

Item G-6

#2020-321 - Approving Change Order #1 for Water Main Project 2020-W-2 (Greenwich Street) and Water Main Project 2020-W-3 (State Street)

Staff Contact: Tim Luchsinger, Stacy Nonhof

Council Agenda Memo

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

Meeting: December 8, 2020

Subject: Water Main Projects 2020-W-2 and 2020-W-3 Change Order #1

Presenter(s): Timothy Luchsinger, Utilities Director

Background

Water Main Projects 2020-W-2 and 2020-W-3 installed approximately 3,045 linear feet of 8” diameter ductile-iron water main. The Greenwich Street work improved domestic supply and increased fire protection to the area while the work on State Street resolved the growing number of water main breaks in that area.

Discussion

The original contract was awarded by City Council on February 25, 2020, in the amount of \$734,775.12 to Myers Construction of Broken Bow, Nebraska. The following scope alteration were encountered:

Additional items were required to complete the project due to encountering sanitary sewer construction differing from that of record. The water main had to be lowered beneath the sewer which required additional dewatering. The total cost for the additional items is \$12,410.61.

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 price. A significant portion of the reduced quantities is due to less pavement removed and replaced. This total is a deduct of \$19,524.31.

The original Engineer’s Estimate was \$760,000.00. The original contract was for \$734,775.12. The total changes to the contract amount to a deduct of \$7,113.70. This results in a final contract cost of \$727,661.42.

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

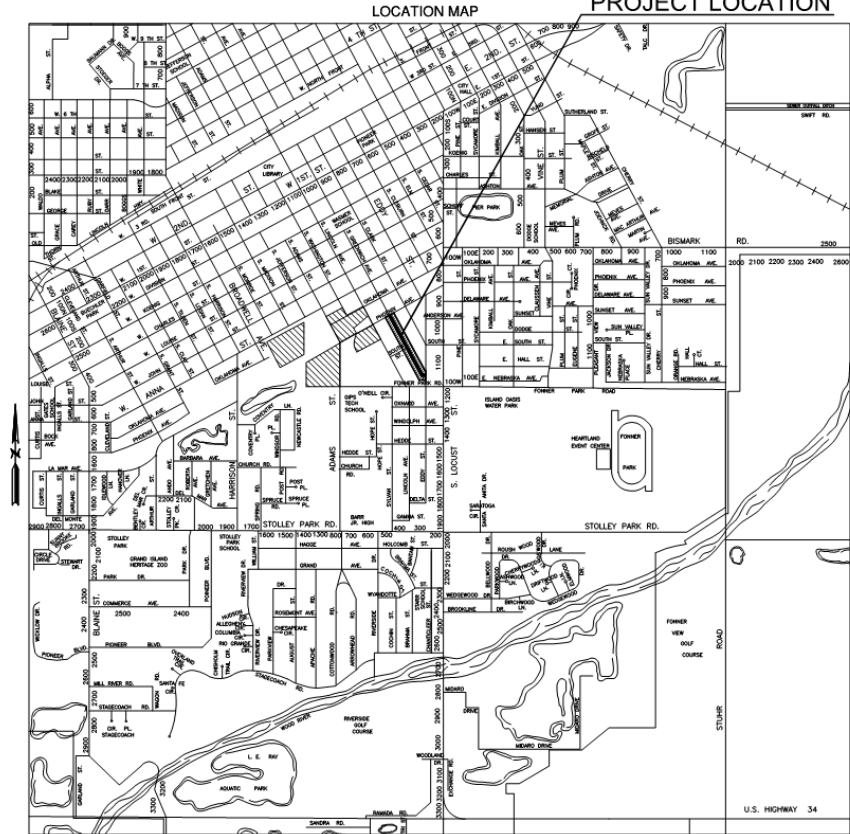
Recommendation

City Administration recommends that the Council approve Change Order #1 to the Water Main Projects 2020-W-2 and 2020-W-3 Contract in the deduct amount of \$7,113.70, for a final contract amount of \$727,661.42.

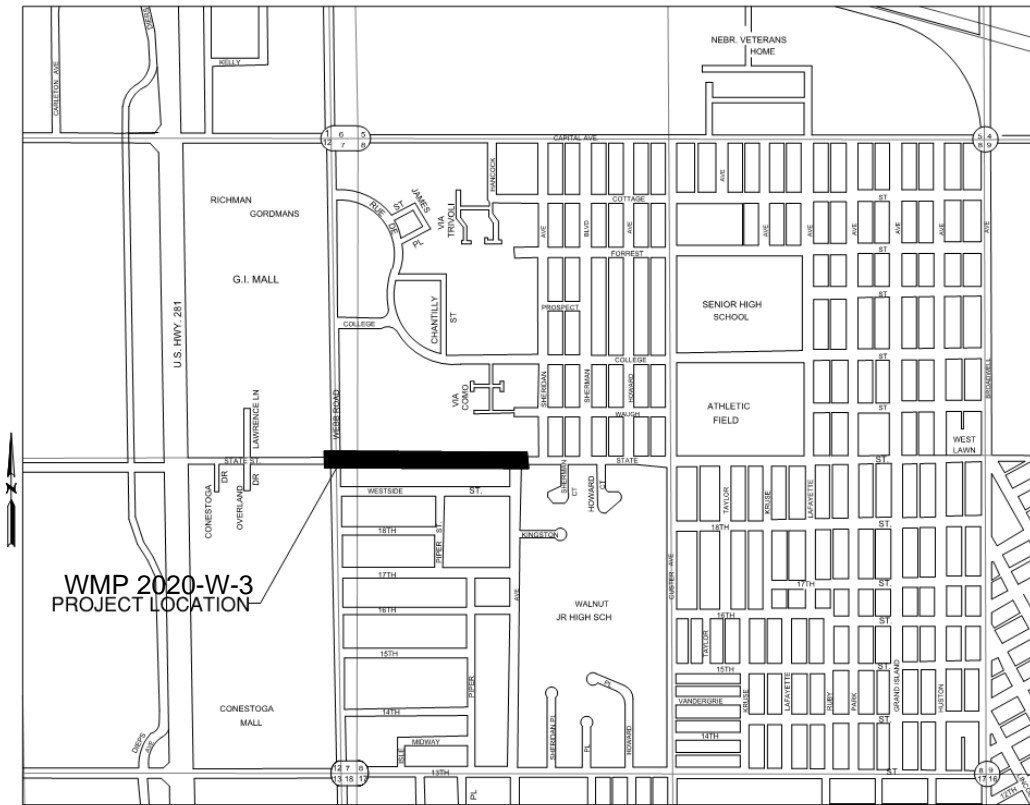
Sample Motion

Move to approve Change Order #1 with Myers Construction to the Water Main Projects 2020-W-2 and 2020-W-3 Contract in the deduct amount of \$7,113.70, for a final contract amount of \$727,661.42.

WMP 2020-W-2
PROJECT LOCATION



LOCATION MAP



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CHANGE ORDER #1

NAME OF PROJECT: Water Main Projects 2020-W-2 and 2020-W-3

CONTRACTOR: Myers Construction
 79849 Hwy 2
 Broken Bow, NE 68822

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	8" R.J. D.I. PIPE	3,042.30	LF	\$88.76	3,045.60	LF	\$292.91
D.1.02	6" S.J. D.I. PIPE	137.90	LF	\$85.80	119.10	LF	-\$1,613.04
D.1.03	8 MIL. POLYWRAP	3,180.20	LF	\$2.00	3,164.70	LF	-\$31.00
D.1.11	8"X45° M.J. BEND	9.00	EA	\$366.64	10.00	EA	\$366.64
D.1.13	8" SOLID SLEEVE	4.00	EA	\$1,720.00	2.00	EA	-\$3,440.00
D.1.16	8" RETAINER GLAND	55.00	EA	\$117.96	60.00	EA	\$589.80
D.1.18	6"X45° M.J. BEND	3.00	EA	\$272.08	0.00	EA	-\$816.24
D.1.22	6" RETAINER GLAND	18.00	EA	\$78.52	16.00	EA	-\$157.04
D.1.23	6" M.J. PLUG	2.00	EA	\$149.70	1.00	EA	-\$149.70
D.1.33	THRUST BLOCK	9.00	EA	\$565.00	7.00	EA	-\$1,130.00
D.1.37	1" TYPE K COPPER PIPING	725.00	LF	\$30.24	750.70	LF	\$777.17
D.1.40	TEMP. 1" WATER SERVICE (COMPLETE)	1.00	EA	\$3,150.00	0.00	EA	-\$3,150.00
D.1.45	REMOVE AND DISPOSE OF EXIST. WATER MAIN	10.20	LF	\$50.00	9.90	LF	-\$15.00
D.1.46	REMOVE AND DISPOSE OF ABAND. FORCE MAIN SEWER	35.00	LF	\$55.00	0.00	LF	-\$1,925.00
D.1.47	REMOVE ROADWAY	1,173.60	SY	\$7.00	1,080.40	SY	-\$652.40
D.1.48	REPLACE ROADWAY	1,173.60	SY	\$63.53	1,097.30	SY	-\$4,847.34
D.1.49	REMOVE ASPH. ISLAND	36.50	SY	\$30.00	16.90	SY	-\$588.00
D.1.50	REPLACE ASPH. ISLAND	36.50	SY	\$92.00	0.00	SY	-\$3,358.00
D.1.51	REMOVE DRIVEWAY	14.90	SY	\$7.00	12.20	SY	-\$18.90
D.1.52	REPLACE DRIVEWAY	14.90	SY	\$63.53	12.20	SY	-\$171.53
D.1.53	REMOVE SIDEWALK	835.30	SF	\$3.00	1,116.80	SF	844.50
D.1.54	REPLACE SIDEWALK	835.30	SF	\$7.16	1,116.80	SF	\$2,015.54
D.1.55	REMOVE CURB	623.60	LF	\$7.00	523.60	LF	-\$700.00
D.1.56	REPLACE CURB	623.60	LF	\$28.00	523.60	LF	-\$2,800.00
D.1.58	SOD	3,257.00	SF	\$1.04	4,365.00	SF	\$1,152.32

SUBTOTAL D.1.01-D.1.59 (DEDUCT): (\$19,524.31)

-	ADDITIONAL DEWATERING	-	-	\$12,410.61	1.00	LS	\$12,410.61
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SUBTOTAL ADDITIONAL ITEMS: \$12,410.61

THIS CHANGE ORDER DEDUCT AMOUNT:
ORIGINAL CONTRACT AMOUNT:
REVISED CONTRACT AMOUNT (including this Change Order)

(\$ 7,113.70)
\$ 734,775.12
\$ 727,661.42

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 reduced quantities is due to less pavement removal and replacement required. Additional dewatering was necessary due to existing sewer configuration differing from that of record, requiring the water main to be at a lower elevation. This change order amounts to an overall deduct in the contract amount.

Contractor: *Perry D. Myers*
Myers Construction

Date: 11-25-2020

Owner: _____
City of Grand Island, NE

Date: _____

RESOLUTION 2020-321

WHEREAS, Water Main Projects 2020-W-2 and 2020-W-3 installed approximately 3,045 linear feet of 8” diameter ductile iron water main. The Greenwich Street work improved domestic supply and increased fire protection to the area, the State Street work resolved the growing number of water main breaks in that area; and

WHEREAS, the original contract was awarded by Council on February 25, 2020, in the amount of \$734,775.12 to Myers Construction of Broken Bow, Nebraska; and

WHEREAS, during the process of constructing the water mains, materials were added or deducted to complete the work and 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; and

WHEREAS, a significant portion of the reduced quantities is due to less pavement removed and replaced which contributed to the reduced project cost in the amount of \$19,524.31; and

WHEREAS, the water main had to be lowered beneath the sewer which required additional dewatering, resulting in an additional cost of \$12,410.61; and

WHEREAS, the original contract amount was \$734,775.12, and the total changes to the contract amount to a deduct of \$7,113.70, resulting in a final contract cost of \$727,661.42.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that Change Order #1 for the construction of Water Main Projects 2020-W-2 and 2020-W-3 in the amount of a deduct of \$7,113.70 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, December 8, 2020.

Roger G. Steele, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
December 4, 2020	☐ City Attorney