



# City of Grand Island

Tuesday, June 26, 2018

Council Session

## Item G-16

**#2018-183 - Approving Change Order #1 for Water Main Project  
2018-W-1 - 17th Street between Broadwell Avenue and Elm Street**

Staff Contact: Tim Luchsinger, Stacy Nonhof

# **Council Agenda Memo**

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

**Meeting:** June 26, 2018

**Subject:** Change Order #1 – Water Main Project 2018-W-1  
17<sup>th</sup> Street between Broadwell Avenue and Elm Street

**Presenter(s):** Timothy Luchsinger, Utilities Director

## **Background**

Water Main Project 2018-W-1 was created to replace an existing 100-year-old 6” water main within 17<sup>th</sup> Street. The project involved the installation of a 10” diameter water main, water service connections, pavement removal and restoration and drainage improvements within 17<sup>th</sup> Street between Broadwell Avenue and Elm Street. The completed work resolved maintenance issues, provided proper clearances between the water main and storm sewer, improved domestic supply, supplemented fire protection and completed a 10” water main loop in the area.

## **Discussion**

The original contract was awarded by City Council on December 12, 2017, in the amount of \$368,123.84, to Myers Construction, Inc., of Broken Bow, Nebraska. The contract amount needs to be modified due to adjustments in actual quantities installed versus estimated quantities for the project.

During construction, an unknown fiber-optic vault that serves the north part of Grand Island was discovered at the Southwest corner of 17<sup>th</sup> Street and Elm Street. The buried obstacle occupies the entire turf area between the edge of the street pavement and property line. The obstruction required changing the water main alignment, moving out into the parking lane of 17<sup>th</sup> Street. The relocation increased the amount of roadway and curb removal and replacements.

The 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. Because of the increased amount of work needed to complete the project, the contract needs to be increased by \$26,474.49, for a total contract amount of \$394,598.33.

## **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 with Myers Construction, in the amount of \$26,474.49, for a final contract amount of \$394,598.33.

## **Sample Motion**

Move to approve Change Order #1 with Myers Construction, Inc., in the amount of \$26,474.49, for a total contract amount of \$394,598.33.

**CHANGE ORDER # 1**
**NAME OF PROJECT:** Water Main Project 2018-W-1 – 17<sup>th</sup> Street – Broadwell to Elm

**CONTRACTOR:** Myers Construction, Inc.  
 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	UNIT	Unit Price \$	INSTALLED	UNIT	\$ +/-
		QUANTITY			QUANTITY		
D.1.01	10" R.J. D.I. PIPE TRENCHLESSLY INSTALLED	1153.3	LF	\$85.80	1150.3	LF	-\$257.40
D.1.02	8" S.J. D.I. PIPE	8.0	LF	\$60.00	14.6	LF	\$396.00
D.1.03	8 MIL V-BIO POLYWRAP	1161.3	LF	\$2.00	1164.9	LF	\$7.20
D.1.05	10"x45°M.J. BEND	12.0	EA	\$420.00	10.0	EA	-\$840.00
D.1.10	10" SOLID SLEEVE	2.0	EA	\$326.00	4.0	EA	\$652.00
D.1.11	10" M.J. CAP	1.0	EA	\$320.00	0.0	EA	-\$320.00
D.1.14	8" RETAINER GLAND	10.0	EA	\$54.00	14.0	EA	\$216.00
D.1.15	8" SOLID SLEEVE	1.0	EA	\$268.00	3.0	EA	\$536.00
D.1.31	2" TYPE "K" COPPER PIPING	58.0	LF	\$34.00	46.0	LF	-\$408.00
D.1.34	1" TYPE "K" COPPER PIPING	1499.0	LF	\$26.00	1556.8	LF	\$1,502.80
D.1.36	15" R.C. PIPE	7.0	LF	\$65.00	4.7	LF	-\$149.50
D.1.39	REMOVE EXISTING WATER MAIN	13.0	LF	\$18.00	18.2	LF	\$93.60
D.1.43	SAW CUT	769.1	LF	\$3.00	1150.7	LF	\$1,144.80
D.1.44	REMOVE ASPH./CONC. ROADWAY	644.5	SY	\$7.00	886.8	SY	\$1,696.10
D.1.45	REPLACE ASPH./CONC. ROADWAY	644.5	SY	\$84.00	886.8	SY	\$20,353.20
D.1.46	REMOVE ASPH./CONC. DRIVEWAY	108.0	SY	\$7.00	103.5	SY	-\$31.50
D.1.47	REPLACE ASPH./CONC. DRIVEWAY	108.0	SY	\$84.00	103.5	SY	-\$378.00
D.1.48	REMOVE CONCRETE SIDEWALK	482.0	SF	\$0.55	463.8	SF	-\$10.01
D.1.49	REPLACE CONCRETE SIDEWALK	482.0	SF	\$8.00	511.8	SF	\$238.40
D.1.51	REPLACE BRICK SIDEWALK	11.6	SF	\$14.00	0.0	SF	-\$162.40
D.1.52	REMOVE EXISTING CURB	457.8	LF	\$4.00	669.0	LF	\$844.80
D.1.53	REPLACE 6" INTEGRAL CURB	457.8	LF	\$28.00	669.0	LF	\$5,913.60
D.1.54	SODDING	7,232.0	SF	\$1.60	4,380.0	SF	<u>-\$4,563.20</u>

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

\$ 26,474.49  
\$ 368,123.84  
**\$ 394,598.33**

**REASONS FOR MODIFICATIONS:**

During the process of constructing the project materials were added or deducted to complete the work. The pavement overruns were due to an unknown buried fiber optic vault that serves the North part of Grand Island. The obstacle required a change in water main alignment, increasing the amount of roadway and curb removal and replacement. 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.

**Contractor:**   
Myers Construction Inc.

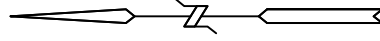
**Date:** 6-11-2018

**Owner:** City of Grand Island, NE

**Date:** \_\_\_\_\_







Water Main Project  
 2018-W-1

RESOLUTION 2018-183

WHEREAS, at the December 12, 2017 Council meeting, Council awarded the contract for Water Main Project 2018-W-1 – 17<sup>th</sup> Street from Broadwell Avenue to Elm Street to Myers Construction, Inc., of Broken Bow, Nebraska, in the amount of \$368,123.84; and

WHEREAS, during construction, an unknown fiber-optic vault that serves the north part of Grand Island was discovered at the southwest corner of 17<sup>th</sup> and Elm Streets; and

WHEREAS, the obstruction required changing the water main alignment, moving it out into the parking lane of 17<sup>th</sup> Street; and

WHEREAS, as a result of the needed relocation, the amount of roadway and curb removal replacements increased; and

WHEREAS; Change Order #1 in the amount of \$26,474.49 was prepared, resulting in a final contract amount of \$394,598.33.

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 \$26,474.49 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, June 26, 2018.

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Jeremy L. Jensen, Mayor

Attest:

\_\_\_\_\_  
RaNae Edwards, City Clerk

Approved as to Form	☐ _____
June 22, 2018	☐ City Attorney