



City of Grand Forks
Staff Report

Committee of the Whole – November 25, 2019
City Council – December 2, 2019

APPROVED & ACCEPTED
by City Council

12/02/2019

Candice Stjern
Candice Stjern
Acting City Auditor

Agenda Item: Change Order No. 1 for City Project No. 8003 – 2019 Storm Sewer Repair

Submitted by: Engineering Department, David Kuharenko, PE (Assistant City Engineer)
Jonathan D. Olson (Project Engineer)

Staff Recommended Action: **Approve Change Order No. 1 in the amount of \$72,049 and approve any necessary budget amendment for Project No. 8003 – 2019 Storm Sewer Repair, And Retain City Engineer’s authority to approve future Change Orders for this project within 15% of the original bid excluding the amount of this Change Order.**

Committee Recommended Action:

Moved to City Council with the recommendation to approve. Motion carried unanimously.

Council Action: Approved unanimously on consent agenda

BACKGROUND:

Projects 8001-8003 make up the sanitary sewer, watermain and storm sewer repair contract awarded to United Crane and Excavation. The purpose of this change order is to increase the contract amount for project 8003, 2019 Storm Sewer Repairs, in order to pay for additional maintenance and emergency repairs on the City storm sewer system.

The scope of this project is annual maintenance and emergency repairs of the sanitary sewer, watermain and storm sewer networks. These projects include typical repair work items and time and material work items. This is done due to needed repairs being unknown at budget time, but needing immediate attention once they are identified. The intent of these projects is to have a contractor available to perform the repairs as problems arise. Various accounts are utilized to pay for the repairs, usually by the public works utilities.

This project was considered at a previous Council/Committee meeting on February 4, 2019, when Council awarded the contract to United Crane & Excavation.

ANALYSIS AND FINDINGS OF FACT:

- The original bid amount for this project was \$101,492.
- The original total contract amount for Projects 8001-8003, Sanitary/Watermain/Storm Repairs was \$188,243.80.
- Previous change orders on projects 8001 and 8002 have increased the total contract amount to \$189,317.80.
- Attached Change Order #1 is in the amount of \$72,049 which will bring the total Change Order amount to \$73,123, 39% of the original bid amount
- Since Change Order #1 will exceed the City Engineer's approval authority, approval of Change Order #1 will require City Council action
- To eliminate the need to bring future minor Change Orders to City Council for approval, it is recommended that this Change Order not be considered in the future when calculating the City Engineer's 15% approval authority.

SUPPORT MATERIALS:

- Change Order #1 (2 pages)
- Copy of 2019 Budget Pages showing funding sources for these projects (3 pages)

Contract Change Order

Change Order Number: 1
 Project No: 8003-01
 Date: 11/19/19

Applicant's Name: UNITED CRANE & EXCAVATION
 Address: P O BOX 12846
 City-State-Zip: GRAND FORKS, ND 58208-2846

Contract for: 2019 STORM SEWER REPAIRS

The following changes are hereby made to the contract documents:

Bid Item No	Quantity	Cost/Unit	Change in Amount
2102 E02 01 SY (CHG) REMOVE PAVEMENT			
Contract Amounts	40.00	13.00	
Change Amounts	333.00	.00	4,329.00
2102 E03 01 LF (CHG) REMOVE CURB & GUTTER			
Contract Amounts	60.00	11.00	
Change Amounts	210.00	.00	2,310.00
2102 E07 01 SF (CHG) REMOVE SIDEWALK			
Contract Amounts	300.00	7.00	
Change Amounts	350.00	.00	2,450.00
2301 E02 08 SY (CHG) CONCRETE PAVEMENT-30 HOUR (8")			
Contract Amounts	40.00	130.00	
Change Amounts	333.00	.00	43,290.00
2504 E01 10 SF (CHG) 4" CONCRETE SIDEWALK			
Contract Amounts	210.00	13.00	
Change Amounts	350.00	.00	4,550.00
2506 E02 01 LF (CHG) CONCRETE CURB & GUTTER			
Contract Amounts	40.00	72.00	
Change Amounts	210.00	.00	15,120.00
Total Change in Contract Price:			72,049.00

Reason for Change Order:

UNEXPECTED SINKHOLE REPAIRS AT 24TH AVE S & S 10TH STREET AND 2100 BLOCK OF 32ND AVE. SOUTH.

Contract Change Order

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Address: P O BOX 12846
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Contract for: 2019 STORM SEWER REPAIRS

The following changes are hereby made to the contract documents:

Change to Contract Price

	Original Contract Price:	101,492.00
	Total Change Due to Previous Change Orders:	.00
	Current Contract Price Adjusted by Previous Change Orders:	101,492.00
	Net Change in Contract Price Due to this Change Order:	72,049.00
	New Contract Price Including this Change Order:	173,541.00

Current Completion Date: 9/30/2019

Contractor's Signature Date

Mayor's Signature Date

Field Engineer Date



Wastewater - Collections

Budget Year 2019

G/L Account	Account Description	2016 Amended Budget	2016 Actual Amount	2017 Amended Budget	2017 Actual Amount	2018 Adopted Budget	2019 Adopted Budget	
Fund 5200 - Wastewater								
	<i>Capital Outlay</i>							
5200.100.5210 600.0010	Land Acquisition	.00	.00	1,254.00	1,254.00	.00	.00	
5200.100.5210 650.0010	Work In Progress	144,658.00	118,161.24	736,851.00	715,194.58	130,000.00	190,000.00	
	Budget Transactions							
	<i>Level</i>					<i>Number of Units</i>	<i>Cost Per Unit</i>	<i>Total Amount</i>
	Adopted Budget					1.0000	70,000.00	70,000.00
	Adopted Budget					1.0000	120,000.00	120,000.00
						Adopted Budget Totals		\$190,000.00
5200.100.5210 700.0050	Gen Equipment N.O.C.	6,000.00	1,756.52	2,000.00	1,556.84	6,000.00	6,000.00	
5200.100.5210 700.0120	Trucks & Mounted Equipmt	30,000.00	30,000.00	.00	.00	30,000.00	.00	
	<i>Capital Outlay Totals</i>	\$180,658.00	\$149,917.76	\$740,105.00	\$718,005.42	\$166,000.00	\$196,000.00	
	<i>Non-Current Outlay</i>							
5200.100.5210 996.0000	Non-Current Outlays	25,000.00	.00	25,000.00	.00	25,000.00	30,000.00	
	Comments							
	<i>Level</i>							
	Department Requested						cost of replacing vectors has gone up	
	Budget Transactions							
	<i>Level</i>					<i>Number of Units</i>	<i>Cost Per Unit</i>	<i>Total Amount</i>
	Adopted Budget					1.0000	30,000.00	30,000.00
						Adopted Budget Totals		\$30,000.00
	<i>Non-Current Outlay Totals</i>	\$25,000.00	\$0.00	\$25,000.00	\$0.00	\$25,000.00	\$30,000.00	
Sub Department 5210 - Collection System	Totals	\$547,893.00	\$463,998.02	\$1,156,716.00	\$1,072,129.33	\$564,477.00	\$634,749.00	



Water - Transmission

Budget Year 2019

G/L Account	Account Description	2016 Amended Budget	2016 Actual Amount	2017 Amended Budget	2017 Actual Amount	2018 Adopted Budget	2019 Adopted Budget
Fund 5300 - Waterworks							
5300.100.5340 460.0240	Real Estate Tax	1,500.00	604.00	1,500.00	612.00	1,500.00	1,500.00
5300.100.5340 470.0040	Contingency	20,000.00	(184.05)	2,000.00	(479.66)	15,000.00	15,000.00
<i>Other Operating Expenses Totals</i>		\$102,210.00	\$9,816.04	\$257,618.00	\$92,622.77	\$36,000.00	\$34,100.00
<i>Operating Transfers Out</i>							
5300.100.5340 900.0010	Operating Transfers Out	.00	.00	.00	62,250.00	23,084.00	75,000.00
<i>Budget Transactions</i>							
<i>Level</i>	<i>Transaction</i>				<i>Number of Units</i>	<i>Cost Per Unit</i>	<i>Total Amount</i>
Adopted Budget	Trs to Fund 4919 for Watermain Upsizing Prj #7864				1.0000	75,000.00	75,000.00
<i>Operating Transfers Out Totals</i>		\$0.00	\$0.00	\$0.00	\$62,250.00	\$23,084.00	\$75,000.00
<i>Capital Outlay</i>							
5300.100.5340 650.0010	Work In Progress	523,105.00	527,434.82	565,334.00	502,873.04	651,980.00	948,980.00
<i>Comments</i>							
<i>Level</i>	<i>Comment</i>						
Department Requested	Watermain Rehab on University Ave. requesting to do prior to the Street Overlay planned on University Ave. in 2020 This is the estimated amount as it still needs to be designed to refine the Engineers estimate.						
<i>Budget Transactions</i>							
<i>Level</i>	<i>Transaction</i>				<i>Number of Units</i>	<i>Cost Per Unit</i>	<i>Total Amount</i>
Adopted Budget	Water Main Replacement- University Ave				1.0000	650,000.00	650,000.00
Adopted Budget	Mixers at 7 Million Gallon Reservoir				1.0000	20,000.00	20,000.00
Adopted Budget	Water Main Repairs & Service Leak Repairs				1.0000	20,000.00	20,000.00
Adopted Budget	Residual Pond Rip Rap				1.0000	156,980.00	156,980.00
Adopted Budget	VFD Installation 7 Million Gallon Reservoir				1.0000	60,000.00	60,000.00
Adopted Budget	Upgrade 200 to 400 IDU on linkages for comm at Water Towers				6.0000	7,000.00	42,000.00
<i>Adopted Budget Totals</i>							\$948,980.00
5300.100.5340 700.0030	Communication & Elec	6,055.00	6,054.06	5,000.00	.00	5,000.00	5,000.00
5300.100.5340 700.0040	Furniture & Fixtures	1,200.00	.00	1,200.00	.00	1,200.00	1,200.00
5300.100.5340 700.0050	Gen Equipment N.O.C.	20,000.00	4,111.70	26,500.00	16,147.56	26,500.00	20,000.00
<i>Budget Transactions</i>							
<i>Level</i>	<i>Transaction</i>				<i>Number of Units</i>	<i>Cost Per Unit</i>	<i>Total Amount</i>
Adopted Budget	WD Misc. Equipment				1.0000	20,000.00	20,000.00
<i>Adopted Budget Totals</i>							\$20,000.00



Stormwater - Collection

Budget Year 2019

G/L Account	Account Description	2016 Amended Budget	2016 Actual Amount	2017 Amended Budget	2017 Actual Amount	2018 Adopted Budget	2019 Adopted Budget	
Fund 5400 - Stormwater								
	<i>Operating Transfers Out</i>							
5400.100.5410 900.0010	Operating Transfers Out	.00	.00	113,710.00	113,631.53	.00	.00	
	<i>Operating Transfers Out Totals</i>	\$0.00	\$0.00	\$113,710.00	\$113,631.53	\$0.00	\$0.00	
	<i>Capital Outlay</i>							
5400.100.5410 600.0010	Land Acquisition	1,500.00	1,500.00	.00	.00	.00	.00	
5400.100.5410 650.0010	Work In Progress	107,300.00	108,231.37	143,343.00	153,696.61	110,000.00	110,000.00	
	<i>Budget Transactions</i>							
	<i>Level</i>					<i>Number of Units</i>	<i>Cost Per Unit</i>	<i>Total Amount</i>
	Adopted Budget					1.0000	110,000.00	110,000.00
								Adopted Budget Totals
								\$110,000.00
5400.100.5410 700.0050	Gen Equipment N.O.C.	2,000.00	1,871.45	2,000.00	1,808.13	2,000.00	2,000.00	
5400.100.5410 700.0120	Trucks & Mounted Equipmt	.00	.00	.00	.00	.00	45,000.00	
	<i>Budget Transactions</i>							
	<i>Level</i>					<i>Number of Units</i>	<i>Cost Per Unit</i>	<i>Total Amount</i>
	Adopted Budget					1.0000	32,500.00	32,500.00
								Adopted Budget Totals
								\$45,000.00
	<i>Capital Outlay Totals</i>	\$110,800.00	\$111,602.82	\$145,343.00	\$155,504.74	\$112,000.00	\$157,000.00	
	<i>Non-Current Outlay</i>							
5400.100.5410 996.0000	Non-Current Outlays	25,000.00	.00	25,000.00	.00	25,000.00	250,000.00	
	<i>Budget Transactions</i>							
	<i>Level</i>					<i>Number of Units</i>	<i>Cost Per Unit</i>	<i>Total Amount</i>
	Adopted Budget					1.0000	25,000.00	25,000.00
	Adopted Budget					1.0000	50,000.00	50,000.00
	Adopted Budget					1.0000	175,000.00	175,000.00
								Adopted Budget Totals
								\$250,000.00
	<i>Non-Current Outlay Totals</i>	\$25,000.00	\$0.00	\$25,000.00	\$0.00	\$25,000.00	\$250,000.00	
Sub Department 5410 - Collection System	Totals	\$315,219.00	\$276,685.18	\$467,577.00	\$441,239.42	\$310,464.00	\$592,917.00	