



City of Grand Forks Staff Report



Committee of the Whole – January 28, 2019
City Council – February 4, 2019

Agenda Item: Bids for City Project No. 8001 – 2019 Sanitary Sewer Repairs, Project No. 8002 – 2019 Watermain Repairs, and Project No. 8003 – 2019 Storm Sewer Repairs

Submitted by: Engineering Department, David J Kuharenko, PE (Principal Civil Engineer)
Jonathan Olson, (Project Engineer)

Staff Recommended Action: Award contract to low bidder, United Crane & Excavation, in the amount of \$188,243.80 for City Projects No 8001 – 2019 Sanitary Sewer Repairs, Project No. 8002 – 2019 Watermain Repairs, and Project No. 8003 – 2019 Storm Sewer Repairs

Committee Recommended Action: Moved to City Council with a unanimous recommendation to approve

Council Action:

BACKGROUND:

Bids were received on January 22, 2019, with a low bid of \$188,243.80 submitted by United Crane & Excavation. The low bid was approximately 7% below the engineer's estimate of \$202,293.

The scope of this project is annual maintenance and emergency repairs of the sanitary sewer, storm sewer, and watermain networks. This project includes typical repair work items and time and material work items. This is done because the repairs have not been identified at budget time but need immediate attention once they are identified. The intent of this project 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.

ANALYSIS AND FINDINGS OF FACT:

- Bids were received on January 22, 2019.
- A total of 2 bids were received and 2 bids were opened.
- The bids received ranged from \$188,243.80 to \$230,807.00.
- The lowest bid received was from United Crane & Excavation in the amount of \$188,243.80.
- The Engineer's Estimate for this project is \$202,293.
- The lowest bid received was approximately 7% below the Engineer's Estimate.

SUPPORT MATERIALS:

- Abstract of Bids Received
- Copy of 2019 Budget Pages showing funding sources for these projects

Abstract of Bids Received
City Project No. 8001-02-03
Project Name – 2019 Sanitary Sewer, Watermain & Storm Sewer Repairs
Bid Opening 2:00 PM, January 22, 2019

Contractor		Acknowledge Addendum	Bid Bond	Contractors License	Non-Collusion Affidavit	Bid Form Signature	Base Bid
1	United Crane & Excavation Grand Forks, ND	N/A	✓	✓	✓	✓	\$188,243.80
2	Tony Anderson Construction Grand Forks, ND	N/A	✓	✓	✓	✓	\$230,807.00
3	Robinson Excavating Grand Forks, ND	N/A					No Bid
4	Taggart Contracting Inc. Newfolden, MN	N/A					No Bid
	<i>Engineer's Estimate</i>						\$202,293.00



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	
Budget Transactions								
<i>Level</i>	<i>Transaction</i>					<i>Number of Units</i>	<i>Cost Per Unit</i>	<i>Total Amount</i>
Adopted Budget	Stormwater Collection System Rehabilitation & Emergency Repairs					1.0000	110,000.00	110,000.00
<i>Adopted Budget Totals</i>								\$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	
Budget Transactions								
<i>Level</i>	<i>Transaction</i>					<i>Number of Units</i>	<i>Cost Per Unit</i>	<i>Total Amount</i>
Adopted Budget	3/4 Ton Extra Cab					1.0000	32,500.00	32,500.00
Adopted Budget	Tommy Lift, Safety Lights, Etc.					1.0000	12,500.00	12,500.00
<i>Adopted Budget Totals</i>								\$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	
Budget Transactions								
<i>Level</i>	<i>Transaction</i>					<i>Number of Units</i>	<i>Cost Per Unit</i>	<i>Total Amount</i>
Adopted Budget	Set aside for stormwater sewer cleaner truck					1.0000	25,000.00	25,000.00
Adopted Budget	Reserve for future pond maintenance					1.0000	50,000.00	50,000.00
Adopted Budget	Reserve for City share of new pond construction					1.0000	175,000.00	175,000.00
<i>Adopted Budget Totals</i>								\$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	