



# City of Grand Island

Tuesday, January 14, 2020

Council Session

## Item G-11

**#2020-9 - Approving Change Order No. 5 for Lift Station No. 11  
Relocation– 2018; Project No. 2018-S-1**

Staff Contact: John Collins, P.E. - Public Works Director

# **Council Agenda Memo**

**From:** Keith Kurz PE, Assistant Public Works Director

**Meeting:** January 14, 2020

**Subject:** Approving Change Order No. 5 for Lift Station No. 11 Relocation– 2018; Project No. 2018-S-1

**Presenter(s):** John Collins PE, Public Works Director

## **Background**

Midlands Contracting, Inc. of Kearney, Nebraska was awarded a \$1,647,665.35 contract on March 27, 2018, via Resolution No. 2018-85, for Lift Station No. 11 Relocation – 2018; Project No. 2018-S-1.

On June 12, 2018, via Resolution No. 2018-160, City Council approved Change Order No. 1, which added pay items for directional drilling at the intersection of Custer Avenue & 13<sup>th</sup> Street and at the detention cell north of this area, as well as adjusted quantities for such work. This alternative was proposed by the contractor to save time and lessen the impact of street closures in the area. Change Order No. 1 resulted in a contract reduction of \$15,657.70, modifying the total contract agreement to \$1,632,007.65.

On July 10, 2018, via Resolution No. 2018-203, City Council approved Change Order No. 2, which established a new unit price for bedding the force main in native sand, resulting in a unit price reduction of \$1.97 over the originally bid granular bedding. Change Order No. 2 had no impact on the total contract agreement of \$1,632,007.65; quantities will be rectified once known.

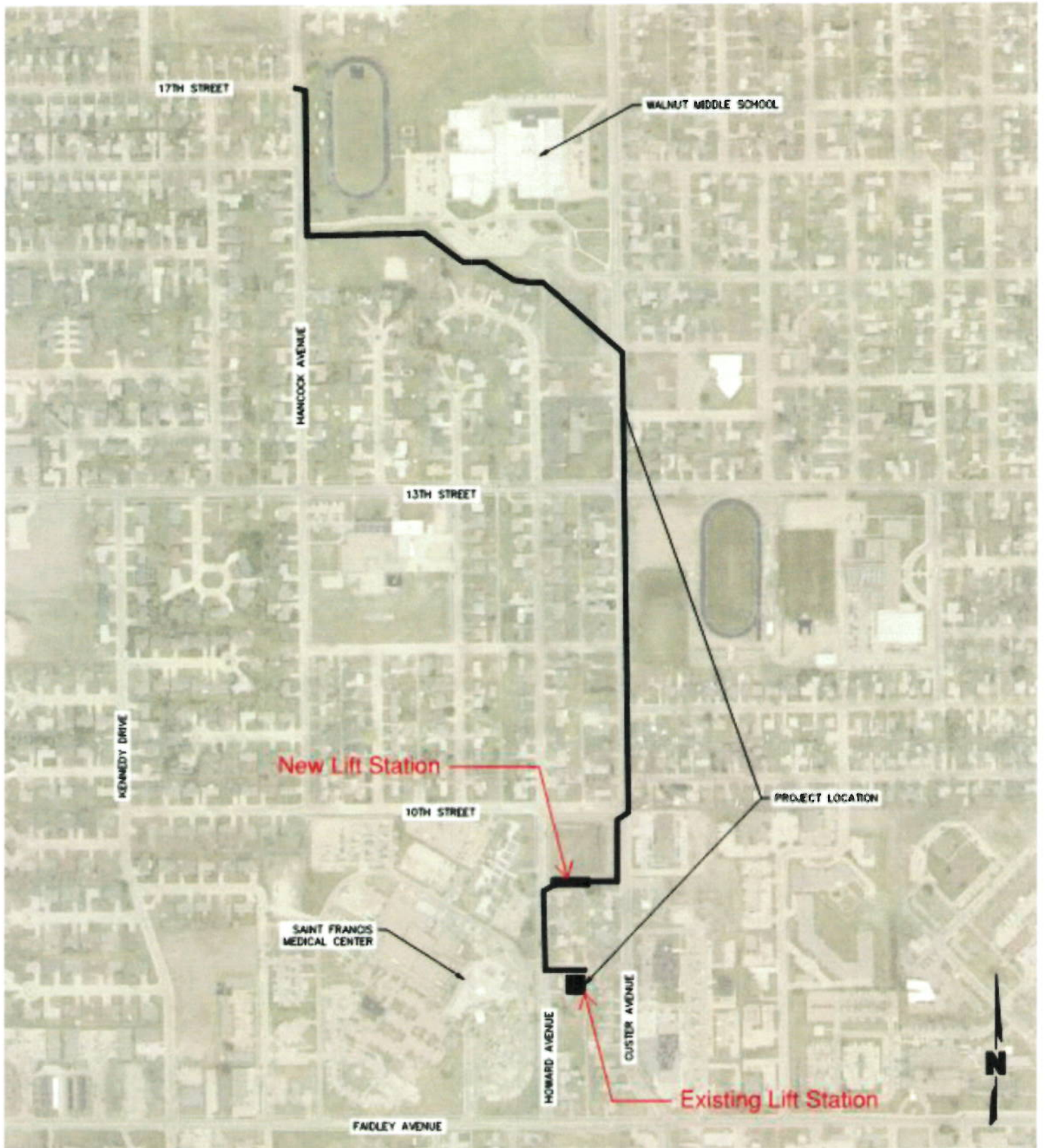
On September 11, 2018, via Resolution No. 2018-269, City Council approved Change Order No. 3, which allowed for the addition of an ADA ramp, abandonment of water service at Walnut Middle School, reconstruction of storm sewer inlet, pavement stripe on Custer Avenue, and traffic control credit on Custer Avenue. Change Order No. 3 increased the original contract amount by \$8,780.80, resulting in a total contract agreement of \$1,640,788.45.

On June 11, 2019, via Resolution No. 2019-189, City Council approved Change Order No. 4, which extended the completion date to December 1, 2019, as the original contract stated “The contractor is to also have all work completed within 14 months of commencement of construction.” Work began on Lift Station No. 11 Relocation- 2018; Project No. 2018-S-1 on June 12, 2018, which put the completion date at August 12,

2019. Due to the unworkable winter and spring weather conditions it was requested to give the contractor a four (4) month credit on the completion date, which put such date at December 1, 2019. There was no impact on the total contract amount.

Lift Station No. 11, located on 8<sup>th</sup> Street between Custer Avenue and Howard Avenue at 2511 W 8<sup>th</sup> Street, was in need of upgrade. The hospital contributed debris and rags that clogged the previous pumps, the wet well did not have sufficient capacity, and there was no space for a stand-by generator. A new submersible, duplex style lift station, with a grinder pump on the influent, and a stand-by generator was constructed at a larger, nearby location.

A new 6-inch force main was re-routed from the South Interceptor to the North Interceptor. Lift Station No. 11 contributes an average of 100-150 thousand gallons per day to the South Interceptor. The Lift Station No. 11 upgrade & re-route alleviated some capacity issues in the South Interceptor by re-routing Lift Station No. 11 force main to the North Interceptor.



## **Discussion**

Change Order No. 5 to the referenced project is being requested to extend the completion date to May 1, 2020, to allow for seeding to take place in Spring 2020; as well as rectify quantities, which are detailed on the attached Change Order No. 5 and will increase the overall contract price by \$680.18, resulting in a revised contract amount of \$1,641,468.63.

## **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 No. 5 for Lift Station No. 11 Relocation – 2018; Project No. 2018-S-1 with Midlands Contracting, Inc. of Kearney, Nebraska.

## **Sample Motion**

Move to approve the resolution.



**CHANGE ORDER NO. 5**

**PROJECT:** Lift Station No. 11 Relocation – 2018; Project No. 2018-S-1

**CONTRACTOR:** Midlands Contracting, Inc.

**AMOUNT OF CONTRACT:** \$1,647,665.35

**CONTRACT DATE:** April 4, 2018

Contract Price Prior to this Change Order.....	\$ 1,647,665.35
Change Order No. 1.....	\$ (15,657.70)
Change Order No. 2.....	\$ 0.00
Change Order No. 3.....	\$ 8,780.80
Change Order No. 4.....	\$ 0.00
Net Change Resulting from Change Order No. 5.....	\$ 680.18

No.	Description	Unit	Original Quantity	Revised Quantity	Original Unit Price	Original Extension	Revised Extension	Add / Deduct
<b>BASE BID SECTION</b>								
1	Mobilization / Demobilization	LS	1	1	\$ 40,000.00	\$40,000.00	\$40,000.00	\$ -
2	6-Inch Force Main	LF	3,935	450	\$ 25.00	\$98,375.00	\$11,250.00	\$(87,125.00)
3	18-Inch Gravity Sewer Line	LF	423	426	\$ 102.00	\$43,146.00	\$43,452.00	\$ 306.00
4	12-Inch Gravity Sewer Line	LF	59	59	\$ 53.00	\$ 3,127.00	\$ 3,127.00	\$ -
5	10-Inch Gravity Sewer Line	LF	303	269	\$ 82.00	\$24,846.00	\$22,058.00	\$ (2,788.00)
6	4-inch Gravity Sewer Line	LF	8	8	\$ 46.00	\$ 368.00	\$ 368.00	\$ -
7	4 Foot Diameter Manhole, Type 1 (16' Depth)	EA	7	7	\$ 8,130.00	\$56,910.00	\$56,910.00	\$ -
8	4 Foot Diameter Drop Manhole, Type 1 (16' Depth)	EA	1	1	\$ 12,650.00	\$12,650.00	\$12,650.00	\$ -
9	4 Foot Diameter Manhole, Type 3	EA	1	1	\$ 5,400.00	\$ 5,400.00	\$ 5,400.00	\$ -
10	Additional Manhole Depth (Type 1)	VF	13.53	13.53	\$ 300.00	\$ 4,059.00	\$ 4,059.00	\$ -
11	Air Release Structure	EA	1	2	\$ 6,000.00	\$ 6,000.00	\$12,000.00	\$ 6,000.00
12	10" x 4" Sanitary Sewer Connection	EA	1	1	\$ 190.00	\$ 190.00	\$ 190.00	\$ -
13	DI Fittings	LB	1,350	1,200	\$ 5.35	\$ 7,222.50	\$ 6,420.00	\$ (802.50)
14	Connection to Existing Sewer	EA	4	4	\$ 1,915.00	\$ 7,660.00	\$ 7,660.00	\$ -
15	Connection to Existing Sewer Manhole (Drop Connection)	EA	1	1	\$ 4,325.00	\$ 4,325.00	\$ 4,325.00	\$ -
16	Build Lift Station No. 29	LS	1	1	\$422,000.00	\$422,000.00	\$422,000.00	\$ -
17	Build Electrical Building	LS	1	1	\$197,000.00	\$197,000.00	\$197,000.00	\$ -
18	1-Inch Water Service Connection	EA	1	1	\$ 900.00	\$ 900.00	\$ 900.00	\$ -
19	1-Inch Curb Stop w/Box	EA	1	1	\$ 545.00	\$ 545.00	\$ 545.00	\$ -

20	1-Inch Copper Service Tubing	LF	110	110	\$ 20.00	\$ 2,200.00	\$ 2,200.00	\$ -
21	Existing Lift Station No. 11 Abandonment	LS	1	1	\$ 17,000.00	\$ 17,000.00	\$ 17,000.00	\$ -
22	Tracer Wire Test Box	EA	12	12	\$ 285.00	\$ 3,420.00	\$ 3,420.00	\$ -
23	Dewatering	LS	1	1	\$135,000.00	\$135,000.00	\$135,000.00	\$ -
24	Bypass Pumping	LS	1	1	\$ 6,600.00	\$ 6,600.00	\$ 6,600.00	\$ -
25	Abandon Existing Manhole	EA	3	3	\$ 670.00	\$ 2,010.00	\$ 2,010.00	\$ -
26	Remove Existing Sanitary Sewer Manhole	EA	4	3	\$ 1,400.00	\$ 5,600.00	\$ 4,200.00	\$ (1,400.00)
27	Abandon Sewer Line 18" and less (Grout Fill)	LF	296	296	\$ 15.00	\$ 4,440.00	\$ 4,440.00	\$ -
28	Remove Sanitary Sewer Line 18" and Less	LF	495	495	\$ 9.00	\$ 4,455.00	\$ 4,455.00	\$ -
29	Plug Existing Sewer (12" or Less)	EA	1	1	\$ 135.00	\$ 135.00	\$ 135.00	\$ -
30	Remove Pavement	SY	6,736	6,741	\$ 8.00	\$ 53,888.00	\$ 53,928.00	\$ 40.00
31	Remove Walk	SY	71	100.12	\$ 5.15	\$ 365.65	\$ 515.62	\$ 149.97
32	Place 8-inch Concrete Pavement	SY	6,665	6,670	\$ 46.35	\$308,922.75	\$309,154.50	\$ 231.75
33	Place 6-inch Concrete Pavement	SY	316	362	\$ 51.50	\$ 16,274.00	\$ 18,643.00	\$ 2,369.00
34	Place 4-Inch Concrete Walk	SY	71	91.22	\$ 51.25	\$ 3,638.75	\$ 4,675.03	\$ 1,036.28
35	Remove Concrete Low Flow Liner	SY	0	0	\$ 5.15	\$ -	\$ -	\$ -
36	Place Concrete Low Flow Liner	SY	0	0	\$ 46.35	\$ -	\$ -	\$ -
37	Concrete Header	LF	34	17	\$ 21.00	\$ 714.00	\$ 357.00	\$ (357.00)
38	Gravel Surfacing	TN	8	8	\$ 26.00	\$ 208.00	\$ 208.00	\$ -
39	Bollards	EA	4	4	\$ 550.00	\$ 2,200.00	\$ 2,200.00	\$ -
40	Seeding (Type 1)	AC	0.90	0.66	\$ 9,000.00	\$ 8,100.00	\$ 5,940.00	\$ (2,160.00)
41	Sodding	AC	0.90	0.90	\$ 26,920.00	\$ 24,228.00	\$ 24,228.00	\$ -
42	Sprinkler Repair (North Detention Cell / Walnut School)	LS	1	1	\$ 17,025.00	\$ 17,025.00	\$ 17,025.00	\$ -
43	Sprinkler Repair (South Detention Cell)	LS	1	1	\$ 3,605.00	\$ 3,605.00	\$ 3,605.00	\$ -
44	Traffic Control	LS	1	1	\$ 40,500.00	\$ 40,500.00	\$ 40,500.00	\$ -
45	Erosion Control	LS	1	1	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ -
46	Remove Existing Cable Wire Fence	LF	146	146	\$ 2.50	\$ 365.00	\$ 365.00	\$ -
47	Clearing / Grubbing / Tree Removal	LS	1	1	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ -
48	Temporary Access Road	LS	1	1	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ -
49	Directional Drilling Mobilization	LS	1	1	\$ 1,650.00	\$ 1,650.00	\$ 1,650.00	\$ -
50	6" Directional Drilling (13th Street)	LF	100	120	\$ 52.50	\$ 5,250.00	\$ 6,300.00	\$ 1,050.00
51	6" Directional Drilling (North Detention Cell)	LF	395	637	\$ 37.00	\$ 14,615.00	\$ 23,569.00	\$ 8,954.00
52	Dewater Credit	LF	300	300	\$ (18.75)	\$ (5,625.00)	\$ (5,625.00)	\$ -
2A	6-Inch Force Main w/Native Bedding	LF	0	3,223	\$ 23.03	\$ -	\$ 74,225.69	\$ 74,225.69
53	Construct ADA Ramp	SF	80	80	\$ 23.26	\$ 1,860.80	\$ 1,860.80	\$ -

54	Abandon 2" Water Service at Walnut Middle School	LS	1	1	\$ 3,895.00	\$ 3,895.00	\$ 3,895.00	\$ -
55	Reconstruct Storm Sewer Inlet	EA	1	1	\$ 2,150.00	\$ 2,150.00	\$ 2,150.00	\$ -
56	Custer Street Pavement Striping	LS	1	1	\$ 1,875.00	\$ 1,875.00	\$ 1,875.00	\$ -
57	Traffic Control Credit (Custer Avenue)	LS	1	1	\$ (1,000.00)	\$ (1,000.00)	\$ (1,000.00)	\$ -
	New Pay Item							
58	Existing Manhole Modification	EA	0	1	\$ 950.00	\$ -	\$ 950.00	\$ 950.00
	<b>Total Base Bid Section</b>					<b>\$1,640,788.45</b>	<b>\$1,641,468.63</b>	<b>\$680.18</b>

Revised Contract Price Including this Change Order..... \$ 1,641,468.63

Notice to Proceed Date..... April 5, 2018  
Original Completion Date..... August 15, 2019  
Change Order No. 4 Revised Completion Date..... December 1, 2019  
Change Order No. 5 Revised Completion Date..... May 1, 2020

**The Above Change Order Accepted:**

Midlands Contracting, Inc.

By \_\_\_\_\_ Date \_\_\_\_\_

**Approval Recommended:**

By \_\_\_\_\_ Date \_\_\_\_\_  
John Collins PE, Public Works Director/City Engineer

**Approved for the City of Grand Island, Nebraska**

By \_\_\_\_\_ Date \_\_\_\_\_

Attest \_\_\_\_\_  
City Clerk



RESOLUTION 2020-9

WHEREAS, on March 27, 2018, via Resolution No.2018-85, the City of Grand Island awarded Midlands Contracting, Inc. of Kearney, Nebraska the bid in the amount of \$1,647,665.35 for Lift Station No. 11 Relocation – 2018; Project No. 2018-S-1; and

WHEREAS, on June 12, 2018, via Resolution No. 2018-160, City Council approved Change Order No. 1, which added pay items for directional drilling at the intersection of Custer Avenue & 13<sup>th</sup> Street and at the detention cell north of this area, as well as adjusted quantities for such work for a contract reduction of \$15,657.70; and

WHEREAS, on July 10, 2018, via Resolution No. 2018-203, City Council approved Change Order No. 2, which established a new unit price for bedding the force main in native sand, resulting in a unit price reduction of \$1.97 over originally bid granular bedding; and

WHEREAS, on September 11, 2019, via Resolution No. 2018-269, City Council approved Change Order No. 3 in the amount of \$8,780.80 to allow for the addition of an ADA ramp, abandonment of water service at Walnut Middle School, reconstruction of storm sewer inlet, pavement stripe on Custer Avenue, and traffic control credit on Custer Avenue; and

WHEREAS, on June 11, 2019, via Resolution No. 2019-189, City Council approved Change Order No. 4, at no additional cost, to extend the completion date From August 12, 2019 to December 1, 2019; and

WHEREAS, it has been requested to extend the completion date from December 1, 2019 to May 1, 2020 to allow for seeding to take place in Spring 2020; as well as rectify quantities; and

WHEREAS, such modifications have been incorporated into Change Order No. 5; and

WHEREAS, Change Order No.5 will increase the contract amount by \$680.18, resulting in a revised contract amount of \$1,641,468.63.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the Mayor be, and hereby is, authorized and directed to execute Change Order No. 5 for a contract increase amount of \$680.18, resulting in a revised contract amount of \$1,641,468.63 between the City of Grand Island and Midlands Contracting, Inc. of Kearney, Nebraska to provide the modifications.

- - -

Adopted by the City Council of the City of Grand Island, Nebraska, January 14, 2020.

\_\_\_\_\_  
Roger G. Steele, Mayor

Attest:

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

Approved as to Form	☐ _____
January 10, 2020	☐ City Attorney