



City of Grand Island

Tuesday, June 23, 2020

Council Session

Item G-7

#2020-143 - Approving Certificate of Final Completion 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: June 23, 2020

Subject: Approving Certificate of Final Completion 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 & 13th 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 contact 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.

On January 14, 2020, via Resolution No. 2020-9, City Council approved Change Order No. 5, which extended the completion date from December 1, 2019 to May 1, 2020 to allow for seeding to take place in Spring 2020; as well rectify quantities. Such change order resulted in an increase of \$680.18 to the original contract, resulting in a revised contract amount of \$1,641,468.63.

Lift Station No. 11, which was located on 8th Street between Custer Avenue and Howard Avenue at 2511 W 8th 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

The project was completed in accordance with the terms, conditions, and stipulations of the contract, plans and specifications. Construction was completed for a total cost of \$1,641,468.63. Additional project costs are shown below.

ADDITIONAL COSTS

B2 Environmental, Inc.	Asbestos Testing	\$ 300.00
Grand Island Independent	Advertising	\$ 218.70
City of Grand Island- PW Engineering	Engineering Services	\$ 3,414.22
Hall Co Register of Deeds	Filing Fees	\$ 40.00
Toms Tree Service	Tree Removal	\$ 600.00
Olsson, Inc.	Engineering Services	\$ 260,047.00
		\$ 264,619.92

Total project cost is \$1,906,088.55.

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 the Certificate of Final Completion for Lift Station No. 11 Relocation- 2018; Project No. 2018-S-1.

Sample Motion

Move to approve the Certificate of Final Completion.

ENGINEER'S CERTIFICATE OF FINAL COMPLETION

Lift Station No. 11 Relocation- 2018; Project No. 2018-S-1
 CITY OF GRAND ISLAND, NEBRASKA
 June 23, 2020

TO THE MEMBERS OF THE COUNCIL
 CITY OF GRAND ISLAND
 GRAND ISLAND, NEBRASKA

This is to certify that Lift Station No. 11 Relocation- 2018; Project No. 2018-S-1 has been fully completed by Midlands Contracting, Inc. of Kearney, Nebraska under the contract awarded March 27, 2018. The work has been completed in accordance with the terms, conditions, and stipulations of said contract and complies with the contract, the plans and specifications. The work is hereby accepted for the City of Grand Island, Nebraska, by me as Public Works Director in accordance with the provisions of Section 16-650 R.R.S., 1943.

Item No.	Description	Total Quantity	Unit	Unit Price	Total Cost
Base Bid-					
1	Mobilization / Demobilization	1.00	LS	\$ 40,000.00	\$ 40,000.00
2	6-Inch Force Main, PVC	450.00	LF	\$ 25.00	\$ 11,250.00
3	18-Inch Gravity Sewer Line	426.00	LF	\$ 102.00	\$ 43,452.00
4	12-Inch Gravity Sewer Line	59.00	LF	\$ 53.00	\$ 3,127.00
5	10-Inch Gravity Sewer Line	269.00	LF	\$ 82.00	\$ 22,058.00
6	4-Inch Gravity Sewer Line	8.00	LF	\$ 46.00	\$ 368.00
7	4 Foot Diameter Manhole, Type 1 (16' Depth)	7.00	EA	\$ 8,130.00	\$ 56,910.00
8	4 Foot Diameter Drop Manhole, Type 1 (16' Depth)	1.00	EA	\$ 12,650.00	\$ 12,650.00
9	4 Foot Diameter Manhole, Type 3	1.00	EA	\$ 5,400.00	\$ 5,400.00
10	Additional Manhole Depth (Type 1)	13.53	VF	\$ 300.00	\$ 4,059.00
11	Air Release Structure	2.00	EA	\$ 6,000.00	\$ 12,000.00
12	10" x 4" Sanitary Sewer Connection	1.00	EA	\$ 190.00	\$ 190.00
13	D.I. Fittings	1,200.00	LB	\$ 5.35	\$ 6,420.00
14	Connection to Existing Sewer	4.00	EA	\$ 1,915.00	\$ 7,660.00
15	Connection to Existing Sewer Manhole (Drop Connection)	1.00	EA	\$ 4,325.00	\$ 4,325.00
16	Build Lift Station No. 29	1.00	LS	\$ 422,000.00	\$ 422,000.00
17	Build Electrical Building	1.00	LS	\$ 197,000.00	\$ 197,000.00
18	1-Inch Water Service Connection	1.00	EA	\$ 900.00	\$ 900.00
19	1-Inch Water Service Curb Stop w/ Box	1.00	EA	\$ 545.00	\$ 545.00
20	1-Inch Water Service Tubing (Type K Cu.)	110.00	LF	\$ 20.00	\$ 2,200.00
21	Existing Lift Station No. 11 Abandonment	1.00	LS	\$ 17,000.00	\$ 17,000.00
22	Tracer Wire Test Box	12.00	EA	\$ 285.00	\$ 3,420.00
23	Dewatering	1.00	LS	\$ 135,000.00	\$ 135,000.00
24	Bypass Pumping	1.00	LS	\$ 6,600.00	\$ 6,600.00
25	Abandon Existing Manhole	3.00	EA	\$ 670.00	\$ 2,010.00
26	Remove Existing Sanitary Sewer Manhole	3.00	EA	\$ 1,400.00	\$ 4,200.00
27	Abandon Sewer Line 18-Inch and Less (Grout Fill)	296.00	LF	\$ 15.00	\$ 4,440.00
28	Remove Sanitary Sewer Line 18-Inch and Less	495.00	LF	\$ 9.00	\$ 4,455.00
29	Plug Existing Sewer Line (12-Inch or Less)	1.00	EA	\$ 135.00	\$ 135.00
30	Remove Pavement	6,741.00	SY	\$ 8.00	\$ 53,928.00
31	Remove Walk	100.12	SY	\$ 5.15	\$ 515.62

32	Place 8-Inch Concrete Pavement	6,670.00	SY	\$ 46.35	\$ 309,154.50
33	Place 6-Inch Concrete Pavement	362.00	SY	\$ 51.50	\$ 18,643.00
34	Place 4-Inch Concrete Walk	91.22	SY	\$ 51.25	\$ 4,675.03
35	Remove Concrete Low Flow Liner	0.00	SY	\$ 5.15	\$ -
36	Place Concrete Low Flow Liner	0.00	SY	\$ 46.35	\$ -
37	Concrete Header	17.00	LF	\$ 21.00	\$ 357.00
38	Gravel Surfacing	8.00	TN	\$ 26.00	\$ 208.00
39	Bollards	4.00	EA	\$ 550.00	\$ 2,200.00
40	Seeding (Type 1)	0.66	AC	\$ 9,000.00	\$ 5,940.00
41	Sodding	0.90	AC	\$ 26,920.00	\$ 24,228.00
42	Sprinkler Repair (North Detention Cell / Walnut School)	1.00	LS	\$ 17,025.00	\$ 17,025.00
43	Sprinkler Repair (South Detention Cell)	1.00	LS	\$ 3,605.00	\$ 3,605.00
44	Traffic Control	1.00	LS	\$ 40,500.00	\$ 40,500.00
45	Erosion Control	1.00	LS	\$ 15,000.00	\$ 15,000.00
46	Remove Cable Wire Fence	146.00	LF	\$ 2.50	\$ 365.00
47	Clearing / Grubbing / Tree Removal	1.00	LS	\$ 2,000.00	\$ 2,000.00
48	Temporary Access Road	1.00	LS	\$ 3,500.00	\$ 3,500.00
Total Base Bid=					\$ 1,531,618.14

Change Order No. 1-					
CO1-1	Directional Drilling Mobilization	1.00	LS	\$ 1,650.00	\$ 1,650.00
CO1-2	6-Inch Directional Drilling (13th Street)	120.00	LF	\$ 52.50	\$ 6,300.00
CO1-3	6-Inch Directional Drilling (North Detention Cell)	637.00	LF	\$ 37.00	\$ 23,569.00
CO1-4	Dewatering Credit	-300.00	LS	\$ 18.75	\$ (5,625.00)
Total Change Order No. 1=					\$ 25,894.00

Change Order No. 2-					
CO2-1	6-Inch Force Main w/ Native Bedding (sand)	3,223.00	LF	\$ 23.03	\$ 74,225.69
Total Change Order No. 2=					\$ 74,225.69

Change Order No. 3-					
CO3-1	Construct ADA Ramp	80.00	SF	\$ 23.26	\$ 1,860.80
CO3-2	Abandon 2" Water Service at Walnut Middle School	1.00	LS	\$ 3,895.00	\$ 3,895.00
CO3-3	Reconstruct Storm Sewer Inlet	1.00	EA	\$ 2,150.00	\$ 2,150.00
CO3-4	Custer Street Pavement Striping	1.00	LS	\$ 1,875.00	\$ 1,875.00
CO3-5	Traffic Control Credit (Custer Avenue)	1.00	LS	\$ (1,000.00)	\$ (1,000.00)
Total Change Order No. 3=					\$ 8,780.80

Change Order No. 5-					
CO5-1	Existing Manhole Modification	1.00	EA	\$ 950.00	\$ 950.00
Total Change Order No. 2=					\$ 950.00

Grand Total Lift Station No. 11=					\$ 1,641,468.63
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Additional Costs:

B2 Environmental, Inc.	Asbestos Testing	\$ 300.00
Grand Island Independent	Advertising	\$ 218.70
City of Grand Island- PW Engineering	Engineering Services	\$ 3,414.22
Hall Co Register of Deeds	Filing Fees	\$ 40.00
Toms Tree Service	Tree Removal	\$ 600.00
Olsson, Inc.	Engineering Services	\$ 260,047.00
		\$ 264,619.92

Total Project Cost=	\$1,906,088.55
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I hereby recommend that the Engineer's Certificate of Final Completion for Lift Station No. 11 Relocation-2018; Project No. 2018-S-1 be approved.

John Collins – City Engineer/Public Works Director

Roger G. Steele – Mayor

RESOLUTION 2020-143

WHEREAS, the City Engineering/Public Works Director for the City of Grand Island issued a Certificate of Final Completion for Lift Station No. 11 Relocation- 2018; Project No. 2018-S-1 certifying that Midlands Contracting, Inc. of Kearney, Nebraska, under contract, has completed such project for the total construction amount of \$1,641,468.63; and

WHEREAS, the City Engineer/Public Works Director recommends the acceptance of the project; and

WHEREAS, additional project costs equate to \$264,619.92, as shown

ADDITIONAL COSTS

B2 Environmental, Inc.	Asbestos Testing	\$ 300.00
Grand Island Independent	Advertising	\$ 218.70
City of Grand Island- PW Engineering	Engineering Services	\$ 3,414.22
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Olsson, Inc.	Engineering Services	\$ 260,047.00
		\$ 264,619.92

WHEREAS, the Mayor concurs with the recommendation of the City Engineer/Public Works Director, and

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the Certificate of Final Completion for Lift Station No. 11 Relocation- 2018; Project No. 2018-S-1, in the amount of \$1,906,088.55 is hereby confirmed.

Adopted by the City Council of the City of Grand Island, Nebraska, June 23, 2020.

Roger G. Steele, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form ☐ _____
June 18, 2020 ☐ City Attorney