



City of Grand Island

Tuesday, June 28, 2016

Council Session

Item G-15

**#2016-158 - Approving Change Order No. 2 for Hall County SID
No. 2 Sanitary Sewer Improvements - 2014**

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

Council Agenda Memo

From: Terry Brown PE, Assistant Public Works Director

Meeting: June 28, 2016

Subject: Approving Change Order No. 2 for Hall County SID No. 2 Sanitary Sewer Improvements - 2014

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

Background

On May 12, 2015, by Resolution No. 2015-125, the City Council awarded the bid for construction of Sanitary Improvement District No. 2 to Myers Construction, Inc. of Broken Bow, Nebraska on May 12, 2015 in the amount of \$2,180,806.00.

On April 12, 2016, by Resolution No. 2016-83, the City Council approved Change Order No. 1 to such contract, in the amount of \$47,018.75, to address large amounts of unknown debris that was encountered on a portion of the project near Lift Station No. 25, which caused increased boring expenses, debris disposal, and additional work days. Change Order No. 1 resulted in a revised contract amount of \$2,227,824.75.

This project will continue the extension of sanitary sewer to the south side of Interstate 80 along US Highway 281.

Any changes to the contract require council approval.

Discussion

The City has been responsible for electrical service for the two (2) new lift stations to date. The northern lift station has a diesel generator as backup, while the southern lift station is backed up by a natural gas generator. Myers Construction, Inc. was able to schedule the work to convert the north lift station backup generator to natural gas in a more timely fashion than the gas company, therefore the City opted to have the contractor perform the work under the current contract.

This second change order will also rectify final quantities for the project. One notable overage is the quantity increase for the dual 4-inch force main due to a longer run required at the north end of the project. The US Highway 281 project stopped about 150 feet short due to a large concrete sign base, however directional drilling of the 4-inch

force main was able to get under the large concrete base when an open cut method for the US Highway 281 project was not practical.

Itemized costs are included in the Change Order No. 2 document from Olsson Associates.

In summary, an additional \$16,880.00 is requested to address the conversion of the northern lift station generator backup from diesel to natural gas, as well as rectify final quantity amounts. Such increase will result in a revised contract amount of \$2,244,704.75.

Funds are available in Account No. 53030055-85213-53002.

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. 2 for Hall County SID No. 2 Sanitary Sewer Improvements – 2014 with Myers Construction, Inc. of Broken Bow, Nebraska in the amount of \$16,880.00.

Sample Motion

Move to approve Change Order No. 2.

Date of Issuance: June 14, 2016 Effective Date: June 14, 2016

Project: Hall County SID #2 Sanitary Sewer Improvements – 2014 District 534	Owner: City of Grand Island	Owner's Contract No.:
Contract:		Date of Contract: May 27, 2015
Contractor: Myers Construction Inc.		Engineer's Project No.: 012-1867

The Contract Documents are modified as follows upon execution of this Change Order:

Description: Adjusting original quantities to final quantities and added Lift Station #26 gas service line

Attachments: (List documents supporting change):

Itemized break down is attached

CHANGE IN CONTRACT PRICE:

Original Contract Price:
\$ 2,180,806.00

Increase from previously approved Change Orders
No. 1 to No. 1:
\$ 47,018.75

Contract Price prior to this Change Order:
\$ 2,227,824.75

Increase of this Change Order:
\$ 16,880.00

Contract Price incorporating this Change Order:
\$ 2,244,704.75

CHANGE IN CONTRACT TIMES:

Original Working days Calendar days
Substantial completion (days or date): N/A
Ready for final payment (days or date): April 15, 2016

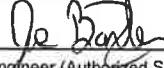
Increase from previously approved Change Orders
No. 1 to No. 1:
Substantial completion (days or date): N/A
Ready for final payment (days or date): May 15, 2016

Contract Times prior to this Change Order:
Substantial completion (days or date): N/A
Ready for final payment (days or date): May 15, 2016

Increase of this Change Order:
Substantial completion (days or date): N/A
Ready for final payment (days or date): June 3, 2016

Contract Times with all approved Change Orders:
Substantial completion (days or date): N/A
Ready for final payment (days or date): June 3, 2016

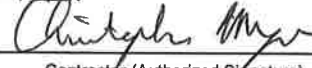
RECOMMENDED:

By: 
Engineer (Authorized Signature)
Date: 6/9/16

ACCEPTED:

By: _____
Owner (Authorized Signature)
Date: _____

ACCEPTED:

By: 
Contractor (Authorized Signature)
Date: 6-9-16

Approved by Funding Agency (if applicable): _____

Date: _____

Myers Construction, Inc.
 79849 Hwy 2
 Broken Bow NE 68822

Proposal

Proposal Date: 5/31/2016
 Proposal #: 1082
 Project:

Bill To:
 City of Grand Island

Description	Est. Hours/Qty.	Rate	Total
Lift Station #26 natural gas service to generator. Quote includes all equipment, material, labor and testing	1	6,500.00	6,500.00
NE Sales Tax		5.50%	0.00
Total			\$6,500.00

Hall County SID #2 Sanitary Sewer Improvements
Grand Island, NE
Change Order #2 Final

No.	Description	Unit	Original Quantity	Revised Quantity	Original Unit Price	Original Extension	Revised Extension	Add / Deduct
BASE BID SECTION								
1	Mobilization / Demobilization	LS	1	1	\$ 94,000.00	\$ 94,000.00	\$ 94,000.00	\$ -
2	8" Force Main	LF	402	426	\$ 86.00	\$ 34,572.00	\$ 36,636.00	\$ 2,064.00
3	4" Force Main	LF	2,059	2,361	\$ 46.00	\$ 94,714.00	\$ 108,606.00	\$ 13,892.00
4	4" Directionally Drilled Force Main (Two(2) Together)	LF	1,675	1,675	\$ 72.00	\$ 120,600.00	\$ 120,600.00	\$ -
5	4" Directionally Drilled Force Main (Single)	LF	2,966	2,966	\$ 46.00	\$ 136,436.00	\$ 136,436.00	\$ -
6	10" Gravity Sewer Line	LF	16	27	\$ 200.00	\$ 3,200.00	\$ 5,400.00	\$ 2,200.00
7	8" Gravity Sewer Line	LF	821	821	\$ 64.00	\$ 52,544.00	\$ 52,544.00	\$ -
8	6" Gravity Sewer Line	LF	233	233	\$ 54.00	\$ 12,582.00	\$ 12,582.00	\$ -
9	4" Gravity Sewer Line	LF	36	52	\$ 38.00	\$ 1,368.00	\$ 1,976.00	\$ 608.00
10	Trenchless Crossing w/22"x0.438" WT Steel Casing	LF	396	396	\$ 527.00	\$ 208,692.00	\$ 208,692.00	\$ -
11	Trenchless Crossing w/16"x0.313" WT Steel Casing	LF	258	258	\$ 302.00	\$ 77,916.00	\$ 77,916.00	\$ -
12	4" Diameter Manhole-Type 2 (6' Deep or Less)	EA	7	7	\$ 5,600.00	\$ 39,200.00	\$ 39,200.00	\$ -
13	4" Diameter Drop Manhole-Type 2 (6' Deep or Less)	EA	1	1	\$ 9,840.00	\$ 9,840.00	\$ 9,840.00	\$ -
14	Addit. Manhole Depth	VF	15.64	17.64	\$ 400.00	\$ 6,256.00	\$ 7,056.00	\$ 800.00
15	Air Release Structure (Two(2) Force Mains)	EA	3	3	\$ 14,876.00	\$ 44,628.00	\$ 44,628.00	\$ -
16	Air Release Structure (One(1) Force Main)	EA	1	1	\$ 9,430.00	\$ 9,430.00	\$ 9,430.00	\$ -
17	D.I. Fittings	LB	1,355	1,355	\$ 5.60	\$ 7,588.00	\$ 7,588.00	\$ -
18	Connection to Existing Sewer	EA	5	6	\$ 1,500.00	\$ 7,500.00	\$ 9,000.00	\$ 1,500.00
19	Build Lift Station #25	LS	1	1	\$ 398,512.00	\$ 398,512.00	\$ 398,512.00	\$ -
20	Build Lift Station #26	LS	1	1	\$ 403,684.00	\$ 403,684.00	\$ 403,684.00	\$ -
21	Tracer Wire Test Box	EA	7	10	\$ 310.00	\$ 2,170.00	\$ 3,100.00	\$ 930.00
22	Dewatering	LS	1	1	\$ 242,333.00	\$ 242,333.00	\$ 242,333.00	\$ -
23	North Wastewater Treatment Plant Abandonment	LS	1	1	\$ 27,500.00	\$ 27,500.00	\$ 27,500.00	\$ -
24	East Lift Station Abandonment	LS	1	1	\$ 14,860.00	\$ 14,860.00	\$ 14,860.00	\$ -
25	South Wastewater Treatment Plant Abandonment	LS	1	1	\$ 21,790.00	\$ 21,790.00	\$ 21,790.00	\$ -
26	Remove 6" Concrete Pavement	SY	46	13	\$ 10.00	\$ 460.00	\$ 130.00	\$ (330.00)
27	Place 6" Concrete Pavement	SY	331	317	\$ 64.00	\$ 21,184.00	\$ 20,288.00	\$ (896.00)
28	Remove 6" Asphalt Pavement	SY	388	234	\$ 8.00	\$ 3,104.00	\$ 1,872.00	\$ (1,232.00)
29	Place 6" Concrete Pavement w/ Integral Curb & Gutter	SY	258	286	\$ 66.00	\$ 17,028.00	\$ 18,876.00	\$ 1,848.00
30	Remove & Replace 12" Concrete Landing Pad	SY	5	5	\$ 112.00	\$ 560.00	\$ 560.00	\$ -
31	Remove Existing Sanitary Sewer Manhole	EA	1	1	\$ 2,400.00	\$ 2,400.00	\$ 2,400.00	\$ -
32	Remove Existing 12" CM Storm Sewer Pipe	LF	28	28	\$ 20.00	\$ 560.00	\$ 560.00	\$ -
33	Place 12" CM Storm Sewer Pipe	LF	20	25	\$ 84.00	\$ 1,680.00	\$ 2,100.00	\$ 420.00
34	Build Curb Inlet	EA	1	1	\$ 5,600.00	\$ 5,600.00	\$ 5,600.00	\$ -
35	White Rock Surfacing	TN	325	325	\$ 48.00	\$ 15,600.00	\$ 15,600.00	\$ -
36	Landscape Rock	TN	3	0	\$ 52.00	\$ 156.00	\$ -	\$ (156.00)
37	Replace Chain Link Fence	LF	161	50	\$ 48.00	\$ 7,728.00	\$ 2,400.00	\$ (5,328.00)
38	Remove & Replace Barb Wire Fence	LF	60	200	\$ 8.00	\$ 480.00	\$ 1,600.00	\$ 1,120.00
39	Bollards	EA	10	5	\$ 120.00	\$ 1,200.00	\$ 600.00	\$ (600.00)
40	Seeding (Type 1)	AC	0.18	0.30	\$ 4,500.00	\$ 810.00	\$ 1,350.00	\$ 540.00
41	Seeding (Type 2)	AC	1.57	1.57	\$ 3,300.00	\$ 5,181.00	\$ 5,181.00	\$ -
42	Tree Removal/Cleaning & Grubbing	LS	1	1	\$ 1,160.00	\$ 1,160.00	\$ 1,160.00	\$ -
43	Erosion Control	LS	1	0.60	\$ 17,500.00	\$ 10,500.00	\$ 10,500.00	\$ (7,000.00)
44	Striping	LS	1	1	\$ 6,500.00	\$ 6,500.00	\$ 6,500.00	\$ -
45	Change Order #1	LS	1	1	\$ 47,018.75	\$ 47,018.75	\$ 47,018.75	\$ -
46	Lift Station #26 Gas Service	LS	0	1	\$ 6,500.00	\$ -	\$ 6,500.00	\$ 6,500.00
						\$2,227,824.75	\$2,244,704.75	\$16,880.00

RESOLUTION 2016-158

WHEREAS, on May 12, 2015, by Resolution 2015-125, the City Council of the City of Grand Island approved the bid of Myers Construction, Inc. of Broken Bow, Nebraska for construction of Hall County SID No. 2 Sanitary Sewer Improvements – 2014, in the amount of \$2,180,806.00; and

WHEREAS, on April 12, 2016, by Resolution No. 2016-83, the City Council of the City of Grand Island approved Change Order No. 1 to such contract in the amount of \$47,018.75, to address large amounts of unknown debris that was encountered on a portion of the project near Lift Station No. 25, which caused increased boring expenses, debris disposal, and additional work days; and

WHEREAS, to address the conversion of the northern lift station generator backup from diesel to natural gas, as well as rectify final quantity amounts Change Order No. 2 in the amount of \$16,880.00 is requested; and

WEREAS, the Public Works Department supports such change order.

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. 2 in the amount of \$16,880.00.00 between the City of Grand Island and Myers Construction, Inc. of Broken Bow, Nebraska to provide the modifications of Hall County SID No. 2 Sanitary Sewer Improvements - 2014.

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Adopted by the City Council of the City of Grand Island, Nebraska, June 28, 2016.

Jeremy L. Jensen, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☒ _____
June 24, 2016	☒ City Attorney