



City of Grand Island

Tuesday, November 22, 2022

Council Session

Item G-7

**#2022-328 - Approving Change Order No. 1 for Lift Station No. 28
Equalization Tank; Project No. 2022-S-3**

Staff Contact: Keith Kurz PE, Interim Public Works Director

Council Agenda Memo

From: Keith Kurz PE, Interim Public Works Director

Meeting: November 22, 2022

Subject: Approving Change Order No. 1 for Lift Station No. 28 Equalization Tank; Project No. 2022-S-3

Presenter(s): Keith Kurz PE, Interim Public Works Director

Background

SKM Turnkey Construction, LLC of Grand Island, Nebraska was awarded a \$2,045,489.30 contract on July 12, 2022, via Resolution No. 2022-179, for Lift Station No. 28 Equalization Tank; Project No. 2022-S-3.

Lift Station No. 28 Equalization Tank; Project No. 2022-S-3 is for the construction of a new sanitary sewer pump station and buffer tank that will extend the useful life of existing Lift Station No. 28 by effectively improving its peak capacity. Lift Station No. 28 is located northeast of the intersection of Husker Highway/James Road. Based on a 2021 update to the 2014 Wastewater Collection System Master Plan, the pipes directly upstream of Lift Station No. 28 will surcharge in peak capacity events in the near future. Several options were evaluated to solve this problem, with the most effective treatment being to install an extra pump station and a storage tank to essentially increase peak pump capacity by pumping the additional flow into a storage tank and discharging stored wastewater when downstream system capacity allows. Along with a new pump station and storage tank, a control system will be required to control operations. Associated paving, sidewalk, traffic control and all other items needed to complete the project are included.

Discussion

Change Order No. 1 to the referenced project is being requested to rectify quantities, upsize the valve manhole, remove existing jib crane, modify the proposed wash down system to fit the site conditions, add additional storm sewer to remedy existing field condition, and other miscellaneous fittings required now that work is underway. Change Order No. 1 will result in a contract increase of \$31,245.07, resulting in a revised contract amount of \$2,076,734.37.

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 resolution authorizing the execution of Change Order No. 1 and increasing the total contract amount for Lift Station No. 28 Equalization Tank; Project No. 2022-S-3 with SKM Turnkey Construction, LLC of Grand Island, Nebraska.

Sample Motion

Move to approve the resolution.



CHANGE ORDER NO. 1

PROJECT: Lift Station No. 28 Equalization Tank; Project No. 2022-S-3
CONTRACTOR: SKM Turnkey Construction, LLC
AMOUNT OF CONTRACT: \$2,045,489.30
CONTRACT DATE: July 14, 2022

Rectify quantities and update bid items.

<i>Item No.</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Total Price</i>
3	Remove Dewatering Well	-0.38	LS	\$ 10,518.00	\$ (4,018.00)
19	Install 48" Valve Manhole	-3.00	EA	\$ 13,558.00	\$ (40,674.00)
27	Install Drop Connection in Existing Manhole	-0.32	LS	\$ 14,119.00	\$ (4,514.00)
29	Install Water Well	+0.07	LS	\$ 23,306.00	\$ 1,708.00
30	Install 8" Chain Link Fence	-656.00	LF	\$ 61.80	\$ (40,540.80)
35	Install Area Inlet	+0.72	EA	\$ 9,833.00	\$ 7,079.00
40	Sandblast and Recoat All Valve Vault Piping	-0.21	LS	\$ 24,656.00	\$ (5,062.00)
42	Electrical Work	-0.03	LS	\$ 228,455.00	\$ (5,864.00)
ALT C	Install 400,000 Gallon Welded Steel Tank	+0.02	LS	\$1,134,484.00	\$ 21,941.00
CO1-1	Install 60" Valve Manhole	+3.00	EA	\$ 15,440.17	\$ 46,320.51
CO1-2	Existing JB Crane and Foundation Removal	+1.00	LS	\$ 10,650.00	\$ 10,650.00
CO1-3	Install 6" Chain Link Fence	+656.00	LF	\$ 55.06	\$ 36,119.36
CO1-4	Import and Install Crushed Concrete	+150.00	TON	\$ 54.00	\$ 8,100.00
Change Order No. 1 Total =					\$ 31,245.07

Contract Price Prior to this Change Order..... \$ 2,045,489.30
 Increase Resulting from this Change Order..... \$ 31,245.07
 Revised Contract Price Including this Change Order..... \$ 2,076,734.37

The Above Change Order Accepted:

SKM Turnkey Construction, LLC

By _____ Date _____

Approval Recommended:

By _____ Date _____
 Keith Kurz PE, Interim Public Works Director/City Engineer

Approved for the City of Grand Island, Nebraska

By _____
Mayor

Date _____

Attest _____
City Clerk

RESOLUTION 2022-328

WHEREAS, on July 12, 2022, via Resolution No.2022-179, the City of Grand Island awarded SKM Turnkey Construction, LLC of Grand Island, Nebraska the bid in the amount of \$2,045,489.30 for Lift Station No. 28 Equalization Tank; Project No. 2022-S-3; and

WHEREAS, it is necessary to rectify quantities and update bid items to implement the addition of an extra pump station, storage tank, control system, and all appurtenances thereto, in order to increase peak pump capacity and avoid future surcharges in the system during peak capacity events; and

WHEREAS, such modifications have been incorporated into Change Order No. 1 at a cost of \$31,245.07; and

WHEREAS, approval of Change Order No. 1 as recommended by staff requires an increase in the total contract amount to \$2,076,734.37.

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. 1 in the amount of \$31,245.07 and increase the amount of the contract between the City of Grand Island and SKM Turnkey Construction, LLC of Grand Island, Nebraska to a total contract price of \$2,076,734.37 for Lift Station No. 28 Equalization Tank; Project No. 2022-S-3.

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Adopted by the City Council of the City of Grand Island, Nebraska, November 22, 2022.

Roger G. Steele, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
November 18, 2022	☐ City Attorney