



# City of Grand Island

Tuesday, August 22, 2017

Council Session

## Item G-13

**#2017-232 - Approving Certificate of Final Completion for  
Concrete Dewatering Pad; Project No. 2016-WWTP-1 at the  
Wastewater Treatment Plant**

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

# **Council Agenda Memo**

**From:** Marvin Strong PE, Wastewater Treatment Plant Engineer

**Meeting:** August 22, 2017

**Subject:** Approving Certificate of Final Completion for Concrete Dewatering Pad; Project No. 2016-WWTP-1 at the Wastewater Treatment Plant

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

## **Background**

Starostka Group Unlimited, Inc. of Grand Island, Nebraska was awarded a \$124,132.94 contract for Concrete Dewatering Pad; Project No. 2016-WWTP-1 on July 12, 2016.

The Concrete Dewatering Pad was constructed at the Wastewater Treatment Plant adjacent to the existing septic dumping station. This addition was planned due to a need within the community for an authorized dewatering site for gritty waste that comes from car wash sump pits, as well as routine cleaning of sanitary sewer and storm sewer. Additionally, a basin within the concrete pad structure houses a container dedicated to grease from fast food restaurants and related grease traps, which is also allowed to dewater on the concrete pad. The leachate is routed to the wastewater facility for proper treatment. The dried waste will be mulched and hauled to the landfill. This construction is permitted through the NDEQ as an addition to the existing wastewater treatment plant.

Work commenced on October 10, 2016 and was completed on May 12, 2017.

## **Discussion**

The project was completed in accordance with the terms, conditions, and stipulations of the contract, plans and specifications. Construction was completed with an underrun of \$568.92, for a total cost of \$123,564.02. Additional project costs are shown below.

### ***ADDITIONAL COSTS***

Amazon	Devcon & Matala Mat	\$ 604.68
A & D Millwright	Plate Fabrication	\$ 2,746.83
The Grand Island Independent	Advertising	\$ 91.22
McMaster Carr	Grating & Anchor	\$ 116.47
Safetysign.com	Signage	\$ 261.64

**Subtotal Additional District Costs = \$ 3,820.84**

Total project costs equate to \$127,384.86.

### **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 Concrete Dewatering Pad; Project No. 2016-WWTP-1.

### **Sample Motion**

Move to approve the resolution.

**ENGINEER'S CERTIFICATE OF FINAL COMPLETION**

Concrete Dewatering Pad; Project No. 2016-WWTP-1

CITY OF GRAND ISLAND, NEBRASKA

August 22, 2017

TO THE MEMBERS OF THE COUNCIL

CITY OF GRAND ISLAND

GRAND ISLAND, NEBRASKA

This is to certify that Concrete Dewatering Pad; Project No. 2016-WWTP-1 has been fully completed by Starostka Group Unlimited, Inc. of Grand Island, Nebraska under the contract dated July 12, 2017. 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
<b>Base Bid Section</b>					
1	TYPE NP-1A WATER HYDRANT	1.00	EA	\$ 1,077.39	\$ 1,077.39
2	TYPE NP-2A WATER HYDRANT	1.00	EA	\$ 3,781.69	\$ 3,781.69
3	REMOVE 1.25" NATURAL GAS	42.00	LF	\$ 17.94	\$ 753.48
4	RELOCATE 1.25" NATURAL GAS	46.00	LF	\$ 64.66	\$ 2,974.36
5	8" MUD VALVE-INSTALL	1.00	EA	\$ 255.58	\$ 255.58
6	8" PVC, SANITARY SEWER	44.30	LF	\$ 117.71	\$ 5,214.55
7	CHAIN POST	1.00	LS	\$ 2,083.16	\$ 2,083.16
8	MISC. METALS, VALVE PIT- INSTALL	1.00	LS	\$ 744.21	\$ 744.21
9	TYPE 1, WALL PENetration	1.00	EA	\$ 5,158.17	\$ 4,399.17
10	MILL CONCRETE CURB	58.30	LF	\$ 13.98	\$ 815.03
11	REMOVE / DISPOSE LANDSCAPE CURB	67.00	LF	\$ 11.88	\$ 795.96
12	SALVAGE 6" LANDSCAPE ROCK	48.30	SY	\$ 10.11	\$ 488.31
13	SALVAGE FENCING W/ FABRIC	51.00	LF	\$ 19.37	\$ 987.87
14	INSTALL TYPE 1, SIGNAGE	2.00	EA	\$ 171.83	\$ 343.66
15	8" CONCRETE PAVEMENT	168.90	SY	\$ 70.31	\$ 11,875.36
16	6" CONCRETE CURB	125.90	LF	\$ 26.85	\$ 3,380.42
17	4" CONCRETE SIDEWALK	47.40	LF	\$ 35.61	\$ 1,687.91
18	CONCRETE DEWATERING PAD STRUCTURE	1.00	LS	\$40,109.82	\$ 40,109.82
19	DEWATERING	1.00	LS	\$31,609.67	\$ 31,609.67
20	REMOVE / DISPOSE 8" CONCRETE PAVEMENT	44.50	SY	\$ 23.44	\$ 1,043.08
<b>Total Base Bid Section =</b>					<b>\$ 114,420.71</b>
<b>ADD ALTERNATIVES FOR CONCRETE DEWATERING PAD</b>					
1.01	SUPPLEMENT LANDSCAPING ROCK	35.00	SY	\$ 29.65	\$ 1,037.75
1.02	CONCRETE LANDSCAPE CURB	118.00	LF	\$ 25.83	\$ 3,047.94
1.03	6' FABRIC LINED CHAIN LINK FENCE	106.00	LF	\$ 42.90	\$ 4,547.40
1.04	4' FABRIC LINED CHAIN LINK FENCE	5.00	LF	\$ 30.55	\$ 152.75
1.05	4' X 5' GATED ENTRANCE	1.00	EA	\$ 357.50	\$ 357.50
<b>Total Add Alternatives Bid Section =</b>					<b>\$ 9,143.34</b>
<b>Construction Grand Total =</b>					<b>\$ 123,564.02</b>

**Additional Costs:**

Amazon	Devcon & Matala Mat	\$ 604.68
A & D Millwright	Plate Fabrication	\$ 2,746.83
The Grand Island Independent	Advertising	\$ 91.22
McMaster Carr	Grating & Anchor	\$ 116.47
Safetysign.com	Signage	\$ 261.64

Additional Costs = \$ 3,820.84

<b>Grand Total =</b>	<b>\$ 127,384.86</b>
----------------------	----------------------

I hereby recommend that the Engineer's Certificate of Final Completion for Concrete Dewatering Pad; Project No. 2016-WWTP-1 be approved.

\_\_\_\_\_  
John Collins – City Engineer/Public Works Director

\_\_\_\_\_  
Jeremy L. Jensen – Mayor

## RESOLUTION 2017-232

WHEREAS, the City Engineering/Public Works Director for the City of Grand Island issued a Certificate of Final Completion for Concrete Dewatering Pad; Project No. 2016-WWTP-1, certifying that Starostka Group Unlimited, Inc. of Grand Island, Nebraska, under contract, has completed such project for the total construction amount of \$123,564.02; and

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

WHEREAS, additional project costs equate to \$3,820.84, as shown

### ***ADDITIONAL COSTS***

Amazon	Devcon & Matala Mat	\$ 604.68
A & D Millwright	Plate Fabrication	\$ 2,746.83
The Grand Island Independent	Advertising	\$ 91.22
McMaster Carr	Grating & Anchor	\$ 116.47
Safetysign.com	Signage	\$ 261.64

**Subtotal Additional District Costs = \$ 3,820.84**

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, the Certificate of Final Completion for Concrete Dewatering Pad; Project No. 2016-WWTP-1 in the amount of \$127,384.86 is hereby confirmed.

- - -

Adopted by the City Council of the City of Grand Island, Nebraska, August 22, 2017.

\_\_\_\_\_  
Jeremy L. Jensen, Mayor

Attest:

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

Approved as to Form	☐ _____
August 18, 2017	☐ City Attorney