



City of Grand Island

Tuesday, April 12, 2022

Council Session

Item G-14

**#2022-90 - Approving Certificate of Final Completion for
Wastewater Treatment Plant Paving Improvements; Project No.
2020-WWTP-1**

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

Council Agenda Memo

From: Keith Kurz PE, Assistant Public Works Director- Engineering

Meeting: April 12, 2022

Subject: Approving Certificate of Final Completion for Wastewater Treatment Plant Paving Improvements; Project No. 2020-WWTP-1

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

Background

Starostka Group Unlimited, Inc. of Grand Island, Nebraska was awarded a \$1,656,965.15 contract on November 10, 2020, via Resolution No. 2020-278, for Wastewater Treatment Plant Paving Improvements; Project No. 2020-WWTP-1.

This project improved paving and drainage within the plant and constructed a new main entrance driveway from Shady Bend Road. In addition to paving, existing perimeter fencing and gates were reconfigured to enclose the property. Lighting and additional piping with one combined outlet to the adjacent drainway for a localized dewatering system was also incorporated with this work.

Discussion

The project was completed in accordance with the terms, conditions, and stipulations of the contract, plans and specifications. Construction was completed on budget, for a total cost of \$1,655,626.43, with additional project costs of \$241,326.51 (detailed below), resulting in a total project cost of \$1,896,952.94.

Additional Costs-

Grand Island Public Works Department	Engineering	\$ 6,154.23
Grand Island Independent	Advertising	\$ 118.41
Olsson, Inc.	Engineering	\$ 235,053.87

Total Additional Costs= \$241,326.51

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve a resolution authorizing the Certificate of Final Completion.
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 Wastewater Treatment Plant Paving Improvements; Project No. 2020-WWTP-1.

Sample Motion

Move to approve the Certificate of Final Completion for Wastewater Treatment Plant Paving Improvements; Project No. 2020-WWTP-1.

ENGINEER'S CERTIFICATE OF FINAL COMPLETION

Wastewater Treatment Plant Paving Improvements;
Project No. 2020-WWTP-1

CITY OF GRAND ISLAND, NEBRASKA

April 12, 2022

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

This is to certify that Wastewater Treatment Plant Paving Improvements; Project No. 2020-WWTP-1 has been fully completed by Starostka Group Unlimited, Inc. of Grand Island, Nebraska under the contract awarded November 10, 2020. 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.

Base Bid-

Item No.	Description	Total Quantity	Unit	Unit Price	Total Cost
1	MOBILIZATION/ DEMOBILIZATION	1.00	LS	\$ 158,597.92	\$ 158,597.92
2	REMOVE & SALVAGE 20' GATE	0.00	EA	\$ 413.79	\$ 0.00
3	REMOVE & SALVAGE SLIDE GATE	1.00	EA	\$ 827.57	\$ 827.57
4	REMOVE CHAIN LINK FENCE	1,071.00	LF	\$ 3.83	\$ 4,101.93
5	REMOVE BARB WIRE FENCE	120.00	LF	\$ 1.68	\$ 201.60
6	REMOVE CULVERT PIPE	133.00	LF	\$ 14.91	\$ 1,983.03
7	REMOVE DUCKBILL VALVE	1.00	EA	\$ 298.68	\$ 298.68
8	REMOVE CONCRETE HEADWALL	1.00	EA	\$ 2,199.25	\$ 2,199.25
9	REMOVE CONCRETE FENCE POST BASES	26.00	EA	\$ 75.60	\$ 1,965.60
10	REMOVE CURB INLET	2.00	EA	\$ 438.06	\$ 876.12
11	REMOVE & SALVAGE WATER VALVE	1.00	EA	\$ 710.72	\$ 710.72
12	REMOVE CONCRETE PAVEMENT	1,894.00	SY	\$ 6.09	\$ 11,534.46
13	REMOVE CONCRETE DRIVE	118.00	SY	\$ 6.09	\$ 718.62
14	REMOVE CONCRETE SIDEWALK	119.00	SY	\$ 6.09	\$ 724.71
15	TREE REMOVAL/ CLEARING AND GRUBBING	1.00	LS	\$ 16,048.57	\$ 16,048.57
16	REMOVE & REPLACE 5" CONCRETE SIDEWALK	0.00	SY	\$ 67.08	\$ 0.00
17	36" RC STORM SEWER PIPE	54.00	LF	\$ 115.46	\$ 6,234.84
18	24" RC STORM SEWER PIPE	126.00	LF	\$ 70.98	\$ 8,943.48
19	24" RC ELLIPTICAL PIPE	40.00	LF	\$ 89.44	\$ 3,577.60
20	15" RC STORM SEWER PIPE	44.00	LF	\$ 70.45	\$ 3,099.80
21	8" PVC PIPE	442.00	LF	\$ 33.18	\$ 14,665.56
22	8" 90° D.I. BEND	4.00	EA	\$ 409.16	\$ 1,636.64
23	8" 22.5° D.I. BEND	2.00	EA	\$ 233.45	\$ 466.90

24	36" DUCKBILL VALVE	1.00	EA	\$ 17,081.89	\$ 17,081.89
25	24" DUCKBILL VALVE	2.00	EA	\$ 9,950.62	\$ 19,901.24
26	8" DUCKBILL VALVE	1.00	EA	\$ 1,624.62	\$ 1,624.62
27	WELL CONNECTION	2.00	EA	\$ 15,055.54	\$ 30,111.08
28	24" RC FES	1.00	EA	\$ 870.24	\$ 870.24
29	24" RC ELLIPTICAL FES	2.00	EA	\$ 714.63	\$ 1,429.26
30	5'X4' CURB INLET	3.00	EA	\$ 4,832.52	\$ 14,497.56
31	3'X3' AREA INLET	1.00	EA	\$ 6,775.04	\$ 6,775.04
32	CONCRETE HEADWALL	1.00	EA	\$ 4,273.79	\$ 4,273.79
33	INSTALL SALVAGED SLIDE GATE	1.00	EA	\$ 2,054.74	\$ 2,054.74
34	6" PVC WATER MAIN	391.00	LF	\$ 28.93	\$ 11,311.63
35	3" HDPE WATER MAIN	59.00	LF	\$ 61.28	\$ 3,615.52
36	2" HDPE WATER SERVICE PIPE	362.00	LF	\$ 32.08	\$ 11,612.96
37	1.5" PVC CONDUIT	60.00	LF	\$ 20.88	\$ 1,252.80
38	1.5" HDPE WATER SERVICE PIPE	87.00	LF	\$ 33.06	\$ 2,876.22
39	1" HDPE WATER SERVICE PIPE	15.00	LF	\$ 33.78	\$ 506.70
40	6" M.J. GATE VALVE W/ BOX	3.00	EA	\$ 855.57	\$ 2,566.71
41	3" M.J. GATE VALVE W/ BOX	4.00	EA	\$ 726.00	\$ 2,904.00
42	2" CURB STOP W/ BOX	4.00	EA	\$ 356.80	\$ 1,427.20
43	1.5" CURB STOP W/ BOX	2.00	EA	\$ 77.72	\$ 155.44
44	1" CURB STOP W/ BOX	0.00	EA	\$ 243.12	\$ 0.00
45	2" SERVICE TAP	1.00	EA	\$ 1,232.76	\$ 1,232.76
46	1.5" SERVICE TAP	3.00	EA	\$ 744.14	\$ 2,232.42
47	1" SERVICE TAP	0.00	EA	\$ 834.22	\$ 0.00
48	6" M.J. TEE	2.00	EA	\$ 380.33	\$ 760.66
49	6"X3" M.J. TEE	3.00	EA	\$ 328.12	\$ 984.36
50	2" HDPE TEE	2.00	EA	\$ 141.61	\$ 283.22
51	6" M.J. SLEEVE	2.00	EA	\$ 842.41	\$ 1,684.82
52	6" M.J. CAP	4.00	EA	\$ 236.04	\$ 944.16
53	4" M.J. CAP	2.00	EA	\$ 208.42	\$ 416.84
54	3" M.J. CAP	0.00	EA	\$ 194.67	\$ 0.00
55	2" HDPE CAP	2.00	EA	\$ 239.75	\$ 479.50
56	1.5" PVC CAP	0.00	EA	\$ 32.75	\$ 0.00
57	1.5" M.J. CAP	0.00	EA	\$ 126.02	\$ 0.00
58	1" HDPE CAP	0.00	EA	\$ 224.51	\$ 0.00
59	8"X6" M.J. REDUCER	1.00	EA	\$ 149.41	\$ 149.41
60	1.5"X2" HDPE REDUCER	3.00	EA	\$ 96.59	\$ 289.77
61	1.5" 90° HDPE BEND	4.00	EA	\$ 95.38	\$ 381.52
62	1.5" YARD HYDRANT	2.00	EA	\$ 1,603.19	\$ 3,206.38
63	ADJUST VALVE TO GRADE	4.00	EA	\$ 77.79	\$ 311.16
64	CONNECT TO EXISTING MANHOLE	1.00	EA	\$ 1,266.67	\$ 1,266.67
65	GRAVEL SURFACING	6.00	TN	\$ 25.56	\$ 153.36
66	TRACER WIRE TEST BOX	6.00	EA	\$ 107.25	\$ 643.50

67	CONNECT TO EXISTING WATER SERVICE	7.00	EA	\$ 805.08	\$ 5,635.56
68	INSTALL SALVAGED 20' SLIDE GATE	0.00	EA	\$ 594.39	\$ 0.00
69	30' DOUBLE SWING GATE	1.00	EA	\$ 1,997.16	\$ 1,997.16
70	28' SLIDE GATE	1.00	EA	\$ 4,903.73	\$ 4,903.73
71	4' WALK GATE	2.00	EA	\$ 451.74	\$ 903.48
72	6' CHAIN LINK FENCE	2,624.00	LF	\$ 27.22	\$ 71,425.28
73	SHEET PILING	199.00	LF	\$ 1,509.04	\$ 300,298.96
74	8" CONCRETE PAVEMENT W/ 6" INTEGRAL CURB & GUTTER	242.00	SY	\$ 78.03	\$ 18,883.26
75	7" CONCRETE PAVEMENT W/ 6" INTEGRAL CURB & GUTTER	2,545.00	SY	\$ 59.38	\$ 151,122.10
76	7" CONCRETE PAVEMENT	5,418.00	SY	\$ 50.95	\$ 276,047.10
77	5" CONCRETE SIDEWALK	182.00	SY	\$ 60.96	\$ 11,094.72
78	THICKENED EDGE	417.00	LF	\$ 11.89	\$ 4,958.13
79	CURBED ISLAND	1.00	EA	\$ 1,426.53	\$ 1,426.53
80	ENTRANCE & RV DUMP SIGN	1.00	LS	\$ 16,452.75	\$ 16,452.75
81	CRUSHED CONCRETE BASE COURSE	563.62	TN	\$ 34.06	\$ 19,196.90
82	1 1/4" LIMESTONE SURFACING	0.00	TN	\$ 56.47	\$ 0.00
83	RIP-RAP	30.00	TN	\$ 64.79	\$ 1,943.70
84	TRAFFIC CONTROL	1.00	LS	\$ 3,071.93	\$ 3,071.93
85	DEWATERING	1.00	LS	\$ 79,005.31	\$ 79,005.31
86	EARTHWORK	1.00	LS	\$ 46,205.60	\$ 46,205.60
87	OVEREXCAVATION	20.00	CY	\$ 9.45	\$ 189.00
88	INLET PROTECTION	4.00	EA	\$ 148.85	\$ 595.40
89	SILT FENCE	1,882.00	LF	\$ 5.12	\$ 9,635.84
90	EROSION CONTROL BLANKET	12,222.00	SF	\$ 2.38	\$ 29,088.36
91	SEEDING	6.15	AC	\$ 3,269.15	\$ 20,105.28
92	SPRINKLER REPAIR	1.00	LS	\$ 3,458.08	\$ 3,458.08
93	ELECTRICAL	1.00	LS	\$ 130,682.88	\$ 130,682.88
94	LED LIGHT & POLE	16.00	EA	\$ 4,992.89	\$ 79,886.24
95	CAMERAS	3.00	EA	\$ 891.59	\$ 2,674.77
96	CAMERA AND GATE PROGRAMMING	1.00	LS	\$ 32,810.40	\$ 32,810.40

Total Base Bid Section = \$1,715,381.19

Base Bid-

Item No.	Description	Total Quantity	Unit	Unit Price	Total Cost
CO1-1	Extra Small Bore Piping Changes	1.00	LS	\$ 15,023.74	\$ 15,023.74
CO1-2	Work Completed by Proposed Relocated Gates	4.00	EA	\$ 333.00	\$ 1,332.00
CO1-3	Additional Traffic Control Signage along Shady Bend	1.00	LS	\$ 1,932.00	\$ 1,932.00
CO1-4	Sheet Piling Deduct	1.00	LS	\$ (50,317.00)	\$ (50,317.00)

CO1-5	Dewatering Deduct	1.00	LS	\$ (74,505.00)	\$ (74,505.00)
CO1-6	Internally Lit Sign Deduct	1.00	LS	\$ (1,000.00)	\$ (1,000.00)
CO1-7	Added C-Channel to Sheet Piling	1.00	LS	\$ 8,643.00	\$ 8,643.00
CO1-8	Light Pole Coating	1.00	LS	\$ 2,336.00	\$ 2,336.00
CO1-9	Remove and Replace Concrete Stairs	1.00	LS	\$ 13,200.00	\$ 13,200.00
CO1-10	Additional Fill for Site	1.00	LS	\$ 9,290.00	\$ 9,290.00
CO1-11	I-Beam Block between digesters at sludge pump house	1.00	EA	\$ 1,735.00	\$ 1,735.00
CO1-12	Exploration for sod under 30" RCP	1.00	LS	\$ 1,389.00	\$ 1,389.00
CO1-13	Remove Additional Trees for Fencing (3)	1.00	LS	\$ 2,250.00	\$ 2,250.00
CO1-14	Additional Erosion Control Wattles	200.00	LF	\$ 5.18	\$ 1,035.00
CO1-15	Hydroseed Interior Areas	1.00	LS	\$ 2,560.00	\$ 2,560.00
CO1-16	Insulate Watermain	1.00	LS	\$ 3,450.00	\$ 3,450.00
CO1-17	Flowable Fill Under Storm Sewer Pipe	1.00	LS	\$ 599.00	\$ 599.00
CO1-18	1" Conduit Repair Unmarked Line)	1.00	LS	\$ 1,292.50	\$ 1,292.50

Total Change Order No. 1 = \$ (59,754.76)

Construction Grand Total = \$1,655,626.43

Additional Costs-

Grand Island Public Works Department	Engineering	\$ 6,154.23
Grand Island Independent	Advertising	\$ 118.41
Olsson, Inc.	Engineering	\$ 235,053.87

Total Additional Costs= \$241,326.51

Total Project Costs= \$1,896,952.94

I hereby recommend that the Engineer's Certificate of Final Completion for Wastewater Treatment Plant Paving Improvements; Project No. 2020-WWTP-1 certifying that Starostka Group Unlimited, Inc. of Grand Island, Nebraska be approved.

John Collins, PE – City Engineer/Public Works Director

Roger G. Steele – Mayor

R E S O L U T I O N 2022-90

WHEREAS, the City Engineer/Public Works Director issued a Certificate of Final Completion for Wastewater Treatment Plant Paving Improvements; Project No. 2020-WWTP-1 certifying that Starostka Group Unlimited, Inc. of Grand Island, Nebraska under contract, has completed such for the total amount of \$1,896,952.94; and

WHEREAS, additional costs equate to \$241,326.51 (detailed below); and

Grand Island Public Works Department	Engineering	\$	6,154.23
Grand Island Independent	Advertising	\$	118.41
Olsson, Inc.	Engineering	\$	235,053.87

Total Additional Costs= \$241,326.51

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

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

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the Certificate of Final Completion for Wastewater Treatment Plant Paving Improvements; Project No. 2020-WWTP-1 is hereby confirmed for the total amount of \$1,896,952.94.

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Adopted by the City Council of the City of Grand Island, Nebraska, April 12, 2022.

Roger G. Steele, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form <input type="checkbox"/> _____ April 7, 2022 <input type="checkbox"/> City Attorney
