



City Council

Agenda Item

Subject: Approval of the Bid Award for the 2112 Bid Award- Watertown Regional Landfill Cell 7 Construction Project to Dan Hart Patrol Service, LLC in the amount of \$1,793,334.80.

Meeting: City Council - Mar 21 2022

From: Heath VonEye, Public Works Director

BACKGROUND INFORMATION:

Construction of landfill disposal Cell 7 including approximately 150,350 CY of excavation, 20,480 CY of recompacted soil barrier layer placement, 10,590 CY of sand drainage layer placement, installation of 1,980 LF of leachate collection piping, 1,650 LF of perimeter fence installation, 10,122 tons of gravel surfacing, installation of 1,668 LF of storm piping (various sizes), bituminous restoration (removal & replacement) of 8,700 SY of existing pavement and 21 acres of seeding/vegetative restoration.

The lowest bidder for the project was Dan Hart Patrol Services, LLC with a bid of \$1,793,334.80. This bid was lower than the Engineer Estimate by 18%.

FINANCIAL IMPACT:

The funding for this project was budgeted in the CIP fund, accounts 605-43240-43958 and 605-43245-43817, in the amount of \$2,119,900.00. The bid of \$1,793,334.80 is under the Engineer's Estimate of \$1,950,000.00 by \$156,665.20.

SUGGESTED MOTION:

I move to approve the Bid Award for the 2112 Bid Award- Watertown Regional Landfill Cell 7 Construction Project to Dan Hart Patrol Service, LLC in the amount of \$1,793,334.80.

STAFF REFERENCE(S):

Devon Kwasniewski, Justin Petersen

ATTACHMENT(S):

[Cell 7 Bid Tabulation](#)

CITY OF WATERTOWN
Cell 7 Construction Project
Watertown Regional Landfill
Watertown, South Dakota

HEI PROJECT NO: 7716-0020

Engineers Estimate

Dan Hart Patrol Service, LLC

Rounds Construction Co., Inc.

Basin Construction

Halme Inc.

No.	Item Description	Unit	Contract Quantity	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
1	Mobilization	LS	1	\$ 92,889.61	\$92,889.61	\$271,000.00	\$271,000.00	\$135,400.00	\$135,400.00	\$141,500.00	\$141,500.00	\$160,260.00	\$160,260.00
2	Water for Dust Control	Mgal	2,500	\$ 2.81	\$7,034.43	\$2.00	\$5,000.00	\$4.00	\$10,000.00	\$8.85	\$22,125.00	\$18.00	\$45,000.00
3	Clearing and Grubbing	LS	1	\$ 1,000.00	\$1,000.00	\$11,000.00	\$11,000.00	\$1,878.00	\$1,878.00	\$8,000.00	\$8,000.00	\$12,000.00	\$12,000.00
4	Demolition and Removals	LS	1	\$ 5,000.00	\$5,000.00	\$30,000.00	\$30,000.00	\$5,027.00	\$5,027.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
5	Dewatering & Control of Water	LS	1	\$ 28,137.72	\$28,137.72	\$12,000.00	\$12,000.00	\$4,770.00	\$4,770.00	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00
6	Test Pit Excavation	HR	80	\$ 191.34	\$15,306.92	\$250.00	\$20,000.00	\$184.00	\$14,720.00	\$200.00	\$16,000.00	\$180.00	\$14,400.00
7	Common Excavation (CV) (P)	CY	122,622	\$ 4.00	\$490,488.00	\$1.61	\$197,421.42	\$2.63	\$322,495.86	\$3.10	\$380,128.20	\$4.00	\$490,488.00
8	Common Excavation (CV) (P) Cell 7/Cell 1 (Phase 2) Boundary	CY	27,732	\$ 4.50	\$124,794.00	\$2.10	\$58,237.20	\$2.29	\$63,506.28	\$4.10	\$113,701.20	\$4.00	\$110,928.00
9	Subgrade Correction (CV)	CY	3,000	\$ 6.75	\$20,259.16	\$6.52	\$19,560.00	\$4.83	\$14,490.00	\$9.00	\$27,000.00	\$6.50	\$19,500.00
10	Waste Excavation (LV)	CY	1,000	\$ 6.75	\$6,753.05	\$22.80	\$22,800.00	\$12.22	\$12,220.00	\$14.00	\$14,000.00	\$3.00	\$3,000.00
11	Leachate Collection Trench	LF	1,030	\$ 61.90	\$63,760.07	\$59.63	\$61,418.90	\$99.23	\$102,206.90	\$92.00	\$94,760.00	\$75.00	\$77,250.00
12	Leachate Relief Trench (Cell 7/Cell 1 Boundary)	LF	954	\$ 45.02	\$42,949.42	\$63.14	\$60,235.56	\$109.34	\$104,310.36	\$95.00	\$90,630.00	\$75.00	\$71,550.00
13	Leachate Sideslope Cleanout w/Support Structure	EA	1	\$ 6,190.30	\$6,190.30	\$17,000.00	\$17,000.00	\$11,747.00	\$11,747.00	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00
14	Re-Compacted Soil Barrier Layer (CV) (P)	CY	15,257	\$ 3.66	\$55,808.64	\$2.27	\$34,633.39	\$3.22	\$49,127.54	\$4.50	\$68,656.50	\$3.50	\$53,399.50
15	Re-Compacted Soil Barrier Layer (CV) (Cell 7/Cell 1 Boundary)	CY	5,224	\$ 3.66	\$19,108.89	\$1.75	\$9,142.00	\$3.22	\$16,821.28	\$4.50	\$23,508.00	\$3.50	\$18,284.00
16	Sand Drainage Layer (In-Place) (P)	CY	7,231	\$ 27.01	\$195,325.30	\$22.87	\$165,372.97	\$26.81	\$193,863.11	\$27.00	\$195,237.00	\$28.00	\$202,468.00
17	Sand Drainage Layer (In-Place) (Cell 7/Cell 1 Boundary)	CY	3,360	\$ 27.01	\$90,761.03	\$25.40	\$85,344.00	\$26.81	\$90,081.60	\$27.00	\$90,720.00	\$28.00	\$94,080.00
18	Phase Delineation Berm (CV)	CY	5,314	\$ 3.38	\$17,942.86	\$4.00	\$21,256.00	\$2.24	\$11,903.36	\$3.50	\$18,599.00	\$5.00	\$26,570.00
19	18" RCP Culvert/Stormsewer	LF	536	\$ 42.08	\$22,556.37	\$59.33	\$31,800.88	\$73.95	\$39,637.20	\$50.00	\$26,800.00	\$90.00	\$48,240.00
20	24" RCP Culvert/Stormsewer	LF	250	\$ 55.26	\$13,815.62	\$72.19	\$18,047.50	\$86.39	\$21,597.50	\$84.00	\$21,000.00	\$100.00	\$25,000.00
21	30" RCP Culvert/Stormsewer	LF	250	\$ 74.29	\$18,573.71	\$106.96	\$26,740.00	\$119.69	\$29,922.50	\$105.00	\$26,250.00	\$130.00	\$32,500.00
22	36" RCP Culvert/Stormsewer	LF	725	\$ 90.93	\$65,924.15	\$130.57	\$94,663.25	\$143.39	\$103,957.75	\$130.00	\$94,250.00	\$150.00	\$108,750.00
23	18" RCP Flared End	EA	3	\$ 800.00	\$2,400.00	\$1,588.12	\$4,764.36	\$1,096.00	\$3,288.00	\$1,000.00	\$3,000.00	\$1,100.00	\$3,300.00
24	36" RCP Flared End	EA	1	\$ 1,114.46	\$1,114.46	\$2,596.70	\$2,596.70	\$2,232.00	\$2,232.00	\$2,100.00	\$2,100.00	\$2,700.00	\$2,700.00
25	2'x3' Catch Basin	EA	1	\$ 3,639.10	\$3,639.10	\$3,346.85	\$3,346.85	\$2,792.00	\$2,792.00	\$2,600.00	\$2,600.00	\$2,100.00	\$2,100.00
26	48" Stormwater CB/MH w/casting	EA	1	\$ 4,548.87	\$4,548.87	\$4,031.68	\$4,031.68	\$4,413.00	\$4,413.00	\$4,200.00	\$4,200.00	\$3,300.00	\$3,300.00
27	60" Stormwater CB/MH w/casting	EA	4	\$ 5,458.64	\$21,834.58	\$5,964.58	\$23,858.32	\$7,481.00	\$29,924.00	\$6,250.00	\$25,000.00	\$5,800.00	\$23,200.00
28	Gravel Surfacing - Landfill Access Road (Cell 5/6 interior = 4")	TON	533	\$ 16.88	\$8,998.44	\$13.36	\$7,120.88	\$16.73	\$8,917.09	\$17.00	\$9,061.00	\$18.00	\$9,594.00
29	Gravel Surfacing - Landfill Access Road (Cell 7 Pad exterior = 10")	TON	1,492	\$ 16.88	\$25,188.89	\$13.36	\$19,933.12	\$16.73	\$24,961.16	\$17.00	\$25,364.00	\$18.00	\$26,856.00
30	Gravel Surfacing - Perimeter Access Road (Cell 1 & 2 perimeter = 10")	TON	2,975	\$ 16.88	\$50,225.83	\$13.36	\$39,746.00	\$16.73	\$49,771.75	\$17.00	\$50,575.00	\$18.00	\$53,550.00
31	Gravel Surfacing - Misc Perimeter Improvements	TON	1,000	\$ 16.88	\$16,882.63	\$13.41	\$13,410.00	\$16.73	\$16,730.00	\$17.00	\$17,000.00	\$18.00	\$18,000.00
32	Gravel Surfacing - Compost Pad	TON	4,122	\$ 16.88	\$69,590.21	\$13.70	\$56,471.40	\$16.73	\$68,961.06	\$17.00	\$70,074.00	\$18.00	\$74,196.00
33	Salvage Existing Gravel Surfacing (CV) (12" over existing access road)	CY	1,366	\$ 5.06	\$6,918.50	\$1.00	\$1,366.00	\$4.32	\$5,901.12	\$15.00	\$20,490.00	\$5.00	\$6,830.00
34	Containment Fence, 10'	LF	1,648	\$ 21.00	\$34,608.00	\$42.50	\$70,040.00	\$22.90	\$37,739.20	\$26.00	\$42,848.00	\$22.00	\$36,256.00
35	Silt Fence	LF	3,500	\$ 3.38	\$11,817.84	\$3.46	\$12,110.00	\$3.34	\$11,690.00	\$3.25	\$11,375.00	\$4.00	\$14,000.00
36	Erosion Control Blanket - Straw	SY	250	\$ 3.38	\$844.13	\$4.83	\$1,207.50	\$3.34	\$835.00	\$4.00	\$1,000.00	\$3.25	\$812.50
37	12" wattles	LF	250	\$ 4.50	\$1,125.51	\$8.21	\$2,052.50	\$3.34	\$835.00	\$4.00	\$1,000.00	\$3.25	\$812.50
38	Rip-rap (SDDOT Class B)	CY	50	\$ 64.15	\$3,207.70	\$85.00	\$4,250.00	\$84.21	\$4,210.50	\$84.00	\$4,200.00	\$95.00	\$4,750.00
39	Seeding, Mulch, Fertilizer & Disk Anchoring	AC	21	\$ 1,238.06	\$25,999.25	\$1,300.00	\$27,300.00	\$1,292.00	\$27,132.00	\$1,400.00	\$29,400.00	\$1,250.00	\$26,250.00
40	Sawcutting Bituminous Pavement (Full Depth)	LF	3,072	\$ 4.22	\$12,965.86	\$1.46	\$4,485.12	\$3.33	\$10,229.76	\$3.50	\$10,752.00	\$1.50	\$4,608.00
41	Bituminous removals	SY	8,742	\$ 5.35	\$46,736.19	\$0.80	\$6,993.60	\$1.42	\$12,413.64	\$1.60	\$13,987.20	\$2.00	\$17,484.00
42	Bituminous paving	SY	8,742	\$ 22.61	\$197,656.62	\$24.66	\$215,577.72	\$23.47	\$205,174.74	\$24.00	\$209,808.00	\$22.00	\$192,324.00

\$0.02 math error on total.
Value noted on bid as
\$1,793,334.80