



January 31, 2023

Honorable Mayor and Council Members  
City of Knoxville, Iowa

RE: EDWARDS PARK IMPROVEMENTS  
SNYDER PROJECT NUMBER – 122.0912  
BID LETTING EVALUATION AND RECOMMENDATION

Dear Honorable Mayor and Council Members:

On Tuesday, January 24, 2023, the City received eight (8) bids for the above-noted project. We reviewed the bids and discovered minor irregularities in extending unit prices by several of the bidders. After making adjustments per Iowa Code, the low bidder is Cushman Excavation, LLC with a bid of \$179,318.90. A copy of the bid tabulation is attached.

The Engineer's Opinion of Probable Construction Costs was \$135,483.60; 32% lower than the low bidder. The largest differences appear to be in the costs for excavation and storm pipe.

The City has worked with Cushman Excavation in the past and has been satisfied with their performance. Based on this, Snyder & Associates, Inc. recommends the City accept the bids and award the construction contract to the low bidder, Cushman Excavation, LLC in the bid amount of:

**One Hundred Seventy-Nine Thousand Three Hundred Eighteen and 90/100 (\$179,318.90)**

The contract documents have been sent to Cushman Excavation for signature and will be forwarded to the City by Cushman Excavation for final execution. A preconstruction meeting will be planned for early March 2023 to coordinate with the Contractor on their schedule of work. The project has a specified completion date of September 30, 2023.

If you have any questions relating to the bid results or award of this project, please don't hesitate to contact me at 515-964-2020.

Sincerely,  
SNYDER & ASSOCIATES, INC.

Steve Klocke, P.E.  
Civil Engineer

Cc: Heather Ussery, City Manager

Encl: Bid tabulation

**TABULATION OF BIDS**  
 Edwards Park Improvements  
 City of Knoxville  
 Project No.: 122.0912.01

Bid Date/Time: January 24, 2023, at 2:00 p.m.

ITEM	DESCRIPTION	UNIT	QUANTITY	ENGINEER'S ESTIMATE		1		2		3		4	
				UNIT PRICE	TOTAL PRICE	DES MOINES DIRT WORX LLC PLEASANT HILL, IOWA	TOTAL PRICE	CUSHMAN EXCAVATION LLC KNOXVILLE, IOWA	TOTAL PRICE	NAGEL CONSTRUCTION LLC STORY CITY, IOWA	TOTAL PRICE	JOINER CONSTRUCTION CO PLANO, IOWA	TOTAL PRICE
<b>EARTHWORK</b>													
1	CLEARING AND GRUBBING	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00	\$ 3,000.00	\$ 3,000.00	\$ 10,000.00	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00
2	TOP SOIL, ON-SITE	CY	810	\$ 6.00	\$ 4,860.00	\$ 15.50	\$ 12,555.00	\$ 20.00	\$ 16,200.00	\$ 10.00	\$ 8,100.00	\$ 12.00	\$ 9,720.00
3	EXCAVATION CLASS 10, REUSE ON SITE	CY	731	\$ 6.00	\$ 4,386.00	\$ 10.50	\$ 7,675.50	\$ 20.00	\$ 14,620.00	\$ 8.00	\$ 5,848.00	\$ 12.00	\$ 8,772.00
4	EXCAVATION CLASS 10, HAUL OFF SITE	CY	110	\$ 8.00	\$ 880.00	\$ 50.00	\$ 5,500.00	\$ 35.00	\$ 3,850.00	\$ 25.00	\$ 2,750.00	\$ 14.00	\$ 1,540.00
5	EXCAVATION CLASS 13, HAUL OFF SITE	CY	20	\$ 15.00	\$ 300.00	\$ 125.00	\$ 2,500.00	\$ 35.00	\$ 700.00	\$ 25.00	\$ 500.00	\$ 50.00	\$ 1,000.00
6	STORM SEWER, TRENCHED, LHRCP (ASTM C361) CLASS D25 4 1/2 INCH WALL, 42 INCH	LF	150	\$ 225.00	\$ 33,750.00	\$ 360.00	\$ 54,000.00	\$ 370.70	\$ 55,605.00	\$ 400.00	\$ 60,000.00	\$ 380.00	\$ 57,000.00
7	REMOVAL OF STORM SEWER	LF	144	\$ 100.00	\$ 14,400.00	\$ 40.00	\$ 5,760.00	\$ 7.00	\$ 1,008.00	\$ 20.00	\$ 2,880.00	\$ 40.00	\$ 5,760.00
8	PIPE IRON, TYPE 1, 42 INCH RCP	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 4,800.00	\$ 4,800.00	\$ 3,600.00	\$ 3,600.00	\$ 3,500.00	\$ 3,500.00	\$ 4,400.00	\$ 4,400.00
9	FOOTING FOR CONCRETE PIPE APRON, 42 INCH	EA	1	\$ 2,000.00	\$ 2,000.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 3,500.00	\$ 3,500.00	\$ 2,000.00	\$ 2,000.00
10	PIPE APRON GUARD, 42 INCH	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 2,800.00	\$ 2,800.00	\$ 3,000.00	\$ 3,000.00	\$ 3,500.00	\$ 3,500.00	\$ 4,000.00	\$ 4,000.00
11	INTAKE, MODIFIED SW-401, 72 INCH	EA	1	\$ 20,000.00	\$ 20,000.00	\$ 14,000.00	\$ 14,000.00	\$ 23,400.00	\$ 23,400.00	\$ 15,000.00	\$ 15,000.00	\$ 20,000.00	\$ 20,000.00
12	CONTECH STORMRAX PYRAMID RACK FOR 72 INCH CONCRETE PIPE	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 6,500.00	\$ 6,500.00	\$ 5,200.00	\$ 5,200.00	\$ 5,000.00	\$ 5,000.00	\$ 7,500.00	\$ 7,500.00
13	CURB AND GUTTER, MATCH EXISTING	LF	20	\$ 50.00	\$ 1,000.00	\$ 47.50	\$ 950.00	\$ 60.00	\$ 1,200.00	\$ 150.00	\$ 3,000.00	\$ 110.00	\$ 2,200.00
14	REMOVAL OF SIDEWALK	SY	10	\$ 25.00	\$ 250.00	\$ 50.00	\$ 500.00	\$ 30.00	\$ 300.00	\$ 30.00	\$ 300.00	\$ 75.00	\$ 750.00
15	REMOVAL OF CURB	LF	20	\$ 15.00	\$ 300.00	\$ 25.00	\$ 500.00	\$ 50.00	\$ 1,000.00	\$ 30.00	\$ 600.00	\$ 75.00	\$ 1,500.00
16	SIDEWALK, PCC, MATCH EXISTING	SY	10	\$ 100.00	\$ 1,000.00	\$ 60.00	\$ 600.00	\$ 50.00	\$ 500.00	\$ 100.00	\$ 1,000.00	\$ 275.00	\$ 2,750.00
17	CONVENTIONAL SEEDING AND MULCHING, TYPE 1 PERMANENT LAWN	AC	1	\$ 500.00	\$ 500.00	\$ 4,600.00	\$ 4,600.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 7,500.00	\$ 7,500.00
18	CONVENTIONAL SEEDING AND MULCHING, TYPE 4 URBAN TEMP EROSION CONTROL	AC	1.5	\$ 500.00	\$ 750.00	\$ 3,100.00	\$ 4,650.00	\$ 2,000.00	\$ 3,000.00	\$ 5,000.00	\$ 7,500.00	\$ 6,000.00	\$ 9,000.00
19	HYDRAULIC SEEDING, SEEDING FERTILIZING, AND MULCHING, TYPE 2	AC	0.5	\$ 2,000.00	\$ 1,000.00	\$ 4,400.00	\$ 2,200.00	\$ 4,500.00	\$ 2,250.00	\$ 5,000.00	\$ 2,500.00	\$ 10,000.00	\$ 5,000.00
20	SWPPP PREPARATION	LS	1	\$ 750.00	\$ 750.00	\$ 2,000.00	\$ 2,000.00	\$ 1,500.00	\$ 1,500.00	\$ 2,000.00	\$ 2,000.00	\$ 2,500.00	\$ 2,500.00
21	SWPPP MANAGEMENT	LS	1	\$ 1,500.00	\$ 1,500.00	\$ 2,750.00	\$ 2,750.00	\$ 3,000.00	\$ 3,000.00	\$ 6,000.00	\$ 6,000.00	\$ 3,500.00	\$ 3,500.00
22	WATTLE, 9 INCH, NATURAL FIBER ONLY	LF	1110	\$ 2.00	\$ 2,220.00	\$ 2.25	\$ 2,497.50	\$ 2.50	\$ 2,775.00	\$ 3.00	\$ 3,330.00	\$ 5.00	\$ 5,550.00
23	WATTLE, REMOVAL	LF	1110	\$ 1.00	\$ 1,110.00	\$ 0.50	\$ 555.00	\$ 0.50	\$ 555.00	\$ 1.00	\$ 1,110.00	\$ 4.00	\$ 4,440.00
24	TEMPORARY RECP TYPE 1.C	SY	4865	\$ 1.00	\$ 4,865.00	\$ 1.50	\$ 7,297.50	\$ 1.30	\$ 6,324.50	\$ 1.80	\$ 8,757.00	\$ 2.00	\$ 9,730.00
25	RIP RAP, CLASS B OUTLET STILLING BASIN	TON	160	\$ 65.00	\$ 10,400.00	\$ 70.00	\$ 11,200.00	\$ 18.25	\$ 2,920.00	\$ 70.00	\$ 11,200.00	\$ 60.00	\$ 9,600.00
26	RIP RAP, CLASS E	TON	8	\$ 65.00	\$ 520.00	\$ 95.00	\$ 760.00	\$ 112.50	\$ 900.00	\$ 68.00	\$ 544.00	\$ 100.00	\$ 800.00
27	STABILIZED CONSTRUCTION ENTRANCE	SY	123	\$ 17.00	\$ 2,091.00	\$ 13.00	\$ 1,599.00	\$ 31.80	\$ 3,911.40	\$ 60.00	\$ 7,380.00	\$ 25.00	\$ 3,075.00
28	CONSTRUCTION SURVEY	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 6,500.00	\$ 6,500.00	\$ 7,000.00	\$ 7,000.00	\$ 7,500.00	\$ 7,500.00	\$ 2,500.00	\$ 2,500.00
29	MOBILIZATION	LS	1	\$ 6,200.00	\$ 6,200.00	\$ 3,500.00	\$ 3,500.00	\$ 5,500.00	\$ 5,500.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
<b>TOTAL BID:</b>				+5% Contingency	\$ 135,483.60		\$ 180,249.50		\$ 179,318.90		\$ 198,299.00		\$ 207,087.00
<b>BID SECURITY:</b>							10%		10%		10%		10%

Proposal contained an error. The corrected value is shown.

ITEM	DESCRIPTION	UNIT	QUANTITY	ENGINEER'S ESTIMATE		5		6		7		8	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
						RW EXCAVATING SOLUTIONS PRAIRIE CITY, IOWA		TK CONCRETE PELLA, IOWA		BERKEY HOMEBUILDERS DBA CONCRETE PROFESSIONALS ALTOONA, IOWA		ELDER CORPORATION MOINES, IOWA	
<b>EARTHWORK</b>													
1	CLEARING AND GRUBBING	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 6,000.00	\$ 6,000.00	\$ 2,500.00	\$ 2,500.00	\$ 20,000.00	\$ 20,000.00	\$ 14,775.00	\$ 14,775.00
2	TOP SOIL, ON-SITE	CY	810	\$ 6.00	\$ 4,860.00	\$ 20.00	\$ 16,200.00	\$ 12.50	\$ 10,125.00	\$ 16.50	\$ 13,365.00	\$ 53.50	\$ 43,335.00
3	EXCAVATION CLASS 10, REUSE ON SITE	CY	731	\$ 6.00	\$ 4,386.00	\$ 20.00	\$ 14,620.00	\$ 15.00	\$ 10,965.00	\$ 17.75	\$ 12,975.25	\$ 39.75	\$ 29,057.25
4	EXCAVATION CLASS 10, HAUL OFF SITE	CY	110	\$ 8.00	\$ 880.00	\$ 20.00	\$ 2,200.00	\$ 30.00	\$ 3,300.00	\$ 40.00	\$ 4,400.00	\$ 623.00	\$ 68,530.00
5	EXCVATION CLASS 13, HAUL OFF SITE	CY	20	\$ 15.00	\$ 300.00	\$ 40.00	\$ 800.00	\$ 30.00	\$ 600.00	\$ 55.00	\$ 1,100.00	\$ 124.00	\$ 2,480.00
6	STORM SEWER, TRENCHED, LHRCP (ASTM C361) CLASS D25 4 1/2 INCH WALL, 42 INCH	LF	150	\$ 225.00	\$ 33,750.00	\$ 451.80	\$ 67,770.00	\$ 435.00	\$ 65,250.00	\$ 456.00	\$ 68,400.00	\$ 440.00	\$ 66,000.00
7	REMOVAL OF STORM SEWER	LF	144	\$ 100.00	\$ 14,400.00	\$ 30.00	\$ 4,320.00	\$ 40.00	\$ 5,760.00	\$ 22.50	\$ 3,240.00	\$ 53.50	\$ 7,704.00
8	PIPE IRON, TYPE 1, 42 INCH RCP	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 3,456.00	\$ 3,456.00	\$ 5,000.00	\$ 5,000.00	\$ 3,925.00	\$ 3,925.00	\$ 4,400.00	\$ 4,400.00
9	FOOTING FOR CONCRETE PIPE APRON, 42 INCH	EA	1	\$ 2,000.00	\$ 2,000.00	\$ 1,120.00	\$ 1,120.00	\$ 2,250.00	\$ 2,250.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00
10	PIPE APRON GUARD, 42 INCH	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 3,325.00	\$ 3,325.00	\$ 4,000.00	\$ 4,000.00	\$ 3,250.00	\$ 3,250.00	\$ 3,200.00	\$ 3,200.00
11	INTAKE, MODIFIED SW-401, 72 INCH	EA	1	\$ 20,000.00	\$ 20,000.00	\$ 18,224.00	\$ 18,224.00	\$ 28,080.00	\$ 28,080.00	\$ 18,600.00	\$ 18,600.00	\$ 16,000.00	\$ 16,000.00
12	CONTECH STORMRAX PYRAMID RACK FOR 72 INCH CONCRETE PIPE	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 7,000.00	\$ 7,000.00	\$ 7,280.00	\$ 7,280.00	\$ 6,500.00	\$ 6,500.00	\$ 6,500.00	\$ 6,500.00
13	CURB AND GUTTER, MATCH EXISTING	LF	20	\$ 50.00	\$ 1,000.00	\$ 60.00	\$ 1,200.00	\$ 100.00	\$ 2,000.00	\$ 170.00	\$ 3,400.00	\$ 268.00	\$ 5,360.00
14	REMOVAL OF SIDEWALK	SY	10	\$ 25.00	\$ 250.00	\$ 20.00	\$ 200.00	\$ 50.00	\$ 500.00	\$ 16.50	\$ 165.00	\$ 83.00	\$ 830.00
15	REMOVAL OF CURB	LF	20	\$ 15.00	\$ 300.00	\$ 40.00	\$ 800.00	\$ 25.00	\$ 500.00	\$ 16.50	\$ 330.00	\$ 54.00	\$ 1,080.00
16	SIDEWALK, PCC, MATCH EXISTING	SY	10	\$ 100.00	\$ 1,000.00	\$ 80.00	\$ 800.00	\$ 150.00	\$ 1,500.00	\$ 100.00	\$ 1,000.00	\$ 430.00	\$ 4,300.00
17	CONVENTIONAL SEEDING AND MULCHING, TYPE 1 PERMANENT LAWN	AC	1	\$ 500.00	\$ 500.00	\$ 2,500.00	\$ 2,500.00	\$ 6,500.00	\$ 6,500.00	\$ 5,500.00	\$ 5,500.00	\$ 5,250.00	\$ 5,250.00
18	CONVENTIONAL SEEDING AND MULCHING, TYPE 4 URBAN TEMP EROSION CONTROL	AC	1.5	\$ 500.00	\$ 750.00	\$ 2,000.00	\$ 3,000.00	\$ 2,700.00	\$ 4,050.00	\$ 2,200.00	\$ 3,300.00	\$ 3,150.00	\$ 4,725.00
19	HYDRAULIC SEEDING, SEEDING FERTILIZING, AND MULCHING, TYPE 2	AC	0.5	\$ 2,000.00	\$ 1,000.00	\$ 4,000.00	\$ 2,000.00	\$ 6,000.00	\$ 3,000.00	\$ 5,000.00	\$ 2,500.00	\$ 5,250.00	\$ 2,625.00
20	SWPPP PREPARATION	LS	1	\$ 750.00	\$ 750.00	\$ 3,000.00	\$ 3,000.00	\$ 2,000.00	\$ 2,000.00	\$ 1,650.00	\$ 1,650.00	\$ 750.00	\$ 750.00
21	SWPPP MANAGEMENT	LS	1	\$ 1,500.00	\$ 1,500.00	\$ 3,900.00	\$ 3,900.00	\$ 4,000.00	\$ 4,000.00	\$ 3,300.00	\$ 3,300.00	\$ 3,150.00	\$ 3,150.00
22	WATTLE, 9 INCH, NATURAL FIBER ONLY	LF	1110	\$ 2.00	\$ 2,220.00	\$ 3.00	\$ 3,330.00	\$ 3.50	\$ 3,885.00	\$ 2.75	\$ 3,052.50	\$ 2.60	\$ 2,886.00
23	WATTLE, REMOVAL	LF	1110	\$ 1.00	\$ 1,110.00	\$ 1.00	\$ 1,110.00	\$ 1.00	\$ 1,110.00	\$ 0.75	\$ 832.50	\$ 0.50	\$ 555.00
24	TEMPORARY RECP TYPE 1 C	SY	4865	\$ 1.00	\$ 4,865.00	\$ 2.50	\$ 12,162.50	\$ 1.60	\$ 7,784.00	\$ 1.50	\$ 7,297.50	\$ 1.40	\$ 6,811.00
25	RIP RAP, CLASS B OUTLET STILLING BASIN	TON	160	\$ 65.00	\$ 10,400.00	\$ 80.00	\$ 12,800.00	\$ 85.00	\$ 13,600.00	\$ 70.00	\$ 11,200.00	\$ 111.50	\$ 17,840.00
26	RIP RAP, CLASS E	TON	8	\$ 65.00	\$ 520.00	\$ 80.00	\$ 640.00	\$ 122.50	\$ 980.00	\$ 95.00	\$ 760.00	\$ 175.00	\$ 1,400.00
27	STABILIZED CONSTRUCTION ENTRANCE	SY	123	\$ 17.00	\$ 2,091.00	\$ 35.00	\$ 4,305.00	\$ 40.00	\$ 4,920.00	\$ 20.00	\$ 2,460.00	\$ 24.50	\$ 3,013.50
28	CONSTRUCTION SURVEY	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 3,150.00	\$ 3,150.00
29	MOBILIZATION	LS	1	\$ 6,200.00	\$ 6,200.00	\$ 10,000.00	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 33,700.00	\$ 33,700.00
				<b>TOTAL BID: +5% Contingency</b>		\$ 135,483.60		\$ 211,782.50		\$ 228,439.00		\$ 230,502.75	
				<b>BID SECURITY:</b>				10%		10%		10%	
												\$ 360,406.75	