



Roll Call Number

Agenda Item Number

59

DATE May 20, 2019

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON NEAR WEST SIDE SEWER SEPARATION PHASE 3; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS RACCOON VALLEY CONTRACTORS LLC., MATTHEW J. VAN HAUEN, MANAGER, \$7,445,568.30

WHEREAS, on April 8, 2019, under Roll Call No. 19-0533, plans, specifications, form of contract documents, and Engineer's estimate of construction cost were filed with the City Clerk, for the construction of the following improvement:

Near West Side Sewer Separation Phase 3, 07-2019-001

The improvement includes Reinforced Concrete Pipe (RCP) storm sewer 12-inch to 36-inch, subdrain, sanitary service replacements, water service replacements, water main alterations, fire hydrant relocations, manholes, intakes, Hot Mix Asphalt (HMA) pavement, Portland Cement Concrete (PCC) pavement, curb and gutter, sidewalks, driveways, associated grading, traffic signalization, pavement markings, surface restoration, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 610-001/156, located on University Avenue from Martin Luther King Jr. Parkway to 21st Street, University Avenue from 25th Street to 31st Street, 25th Street from Drake Park Avenue to University Avenue, 24th Street from Drake Park Avenue to University Avenue, Drake Park Avenue from 21st Street to 24th Street, 21st Street from Atkins Street to Drake Park Avenue, Atkins Street from Martin Luther King Jr. Parkway to 21st Street, Carpenter Avenue from 24th Street to 25th Street, Forest Avenue from 23rd Street to 25th Street, and 24th Street from Carpenter Avenue to Forest Avenue all in Des Moines, Iowa

WHEREAS, notice of the hearing on the plans, specifications, form of contract documents, and Engineer's estimate of construction cost was published as required by law.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the hearing on the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement be closed; and that said plans, specifications, form of contract documents, and Engineer's estimate of construction cost are hereby approved as the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement.

BE IT FURTHER RESOLVED: That sealed bids for said improvement were submitted by the following bidders:

Raccoon Valley Contractors, LLC. Waukee, IA

Jasper Construction Services, Inc. Newton, IA



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which were received and opened at a public meeting presided over by the Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa at 11:00 a.m. on April 30, 2019. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.

BE IT FURTHER RESOLVED: That the Des Moines City Engineer, as the Engineer, has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by Raccoon Valley Contractors, LLC., Matthew J. Van Hauen, Manager, 520 SE Prairie Park Lane, Waukee, IA, 50263 in the amount of \$7,445,568.30, and said bid be and the same is hereby accepted.

BE IT FURTHER RESOLVED: That the bid security of the unsuccessful bidders be and is hereby authorized and directed to be returned in accordance with the Instructions to Bidders.

BE IT FURTHER RESOLVED: That the Engineer is hereby directed to secure execution by the lowest responsible, responsive Bidder and its surety of the contract documents in the form heretofore approved by this Council; that the Engineer is directed to thereafter present said contract documents to this Council for approval and authorization to the Mayor to sign; and that no contract shall be deemed to exist between the City of Des Moines and said Bidder until said contract has been executed by the Bidder, and shall have been approved by this Council and executed by the Mayor and attested to by the City Clerk.

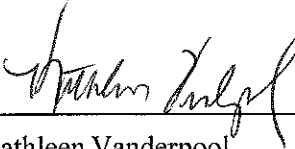
BE IT FURTHER RESOLVED: That the City Council hereby authorizes the necessary road closures for the Project.

(City Council Communication Number 19-231 attached.)

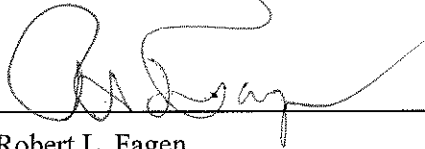
Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE



Kathleen Vanderpool
Deputy City Attorney



Robert L. Fagen
Des Moines Finance Director

SLN Funding Source: 2019-2020 CIP, Page Sanitary – 7, Near West Side Sewer Separation, SS132, Being: \$7,165,568.30 in SRF funding issued; and the remaining \$280,000 from Des Moines Water Works



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COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BOESEN				
COLEMAN				
GATTO				
GRAY				
MANDELBAUM				
WESTERGAARD				
TOTAL				

MOTION CARRIED

APPROVED

Mayor

I, Diane Rauh, City Clerk of said City Council, hereby certify that at a meeting of the City Council, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

City Clerk

TABULATED BY: C. Bouska APPROVED BY: R. DeGroot
CHECKED BY: Brett Lewis

CONTRACTOR'S BID TABULATION
PROJECT: NEAR WEST SIDE SEWER SEPARATION PHASE 3

-----ESTIMATE-----

Raccoon Valley Contractors
Waukee, IA

Jasper Construction
Services, Inc.
Newton, IA

BID SECURITY
10% Bid Bond

BID SECURITY
10% Bid Bond

BID PRICE

BID PRICE

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	Clearing and Grubbing	527 UNITS	\$80.00	\$42,160.00	\$80.00	\$31,620.00	\$135.00	\$71,145.00
2	Topsoil, Offsite	1500 CY	\$40.00	\$60,000.00	\$55.85	\$83,775.00	\$20.00	\$30,000.00
3	Below Grade Excavation (Core Out)	1900 CY	\$15.00	\$28,500.00	\$20.00	\$38,000.00	\$32.50	\$61,750.00
4	Subgrade Preparation	21800 SY	\$6.00	\$130,800.00	\$6.75	\$147,150.00	\$11.00	\$239,800.00
5	Subgrade Treatment, Geogrid, Type 2	5400 SY	\$5.00	\$27,000.00	\$4.50	\$24,300.00	\$1.50	\$8,100.00
6	Subbase, Modified, 6"	5800 SY	\$10.00	\$58,000.00	\$13.50	\$78,300.00	\$13.50	\$78,300.00
7	Subbase, Modified, 8"	3900 SY	\$11.00	\$42,900.00	\$15.90	\$62,010.00	\$16.00	\$62,400.00
8	Subbase, Modified, 12"	11600 SY	\$13.00	\$150,800.00	\$20.55	\$238,380.00	\$22.50	\$261,000.00
9	Class A Roadstone	350 TON	\$35.00	\$12,250.00	\$46.40	\$16,240.00	\$42.50	\$14,875.00
10	Trench Foundation	300 TON	\$40.00	\$12,000.00	\$30.00	\$9,000.00	\$10.00	\$3,000.00
11	Imported Granular Backfill	7400 TON	\$25.00	\$185,000.00	\$25.00	\$185,000.00	\$15.00	\$111,000.00
12	Special Pipe Support	22 EA	\$1,500.00	\$33,000.00	\$1,500.00	\$33,000.00	\$1,900.00	\$41,800.00
13	Sanitary Sewer Service Replacement	26 EA	\$4,500.00	\$117,000.00	\$4,400.00	\$114,400.00	\$4,100.00	\$106,600.00
14	Storm Sewer, Trenched, DIP, 3"	37 LF	\$60.00	\$2,220.00	\$182.00	\$6,734.00	\$130.00	\$4,810.00
15	Storm Sewer, Trenched, DIP, 4"	22 LF	\$80.00	\$1,760.00	\$182.00	\$4,004.00	\$131.00	\$2,882.00
16	Storm Sewer, Trenched, DIP, 6"	29 LF	\$100.00	\$2,900.00	\$183.00	\$5,307.00	\$132.00	\$3,828.00
17	Storm Sewer, Trenched, RCP, 12"	7 LF	\$140.00	\$980.00	\$184.00	\$1,288.00	\$135.00	\$945.00
18	Storm Sewer, Trenched, RCP, 15"	1933 LF	\$140.00	\$270,620.00	\$190.00	\$367,270.00	\$165.00	\$318,945.00
19	Storm Sewer, Trenched, RCP, 18"	2570 LF	\$165.00	\$424,050.00	\$195.00	\$501,150.00	\$177.00	\$454,890.00
20	Storm Sewer, Trenched, RCAP, 18"	49 LF	\$225.00	\$11,025.00	\$217.00	\$10,633.00	\$255.00	\$12,495.00
21	Storm Sewer, Trenched, RCP, 24"	2357 LF	\$180.00	\$424,260.00	\$200.00	\$471,400.00	\$177.00	\$417,189.00
22	Storm Sewer, Trenched, RCP, 30"	834 LF	\$200.00	\$166,800.00	\$220.00	\$183,480.00	\$191.00	\$159,294.00
23	Storm Sewer, Trenched, RCP, 36"	14 LF	\$220.00	\$3,080.00	\$238.00	\$3,332.00	\$231.00	\$3,234.00
24	Removal of Storm Sewer, Less Than or Equal To 30"	770 LF	\$25.00	\$19,250.00	\$113.00	\$87,010.00	\$15.00	\$11,550.00
25	Subdrain, Type 1, 6"	5332 LF	\$20.00	\$106,640.00	\$18.00	\$95,976.00	\$20.00	\$106,640.00
26	Subdrain, Cleanout, Type A-1, 6"	1 EA	\$500.00	\$500.00	\$450.00	\$450.00	\$1,200.00	\$1,200.00
27	Subdrain Outlet and Connections, 6"	43 EA	\$500.00	\$21,500.00	\$450.00	\$19,350.00	\$500.00	\$21,500.00
28	Plug Existing Sewer	38 EA	\$600.00	\$22,800.00	\$400.00	\$15,200.00	\$850.00	\$32,300.00
29	Water Service Replacement, Less Than or Equal to 2"	17 EA	\$3,500.00	\$59,500.00	\$5,400.00	\$91,800.00	\$4,500.00	\$76,500.00
30	Water Service Replacement, Greater Than or Equal to 4"	1 EA	\$5,000.00	\$5,000.00	\$7,000.00	\$7,000.00	\$8,000.00	\$8,000.00
31	Water Service Tap	18 EA	\$1,200.00	\$21,600.00	\$1,000.00	\$18,000.00	\$5,100.00	\$91,800.00
32	Water Main Alteration, Type 1, 8"	2 EA	\$15,000.00	\$30,000.00	\$11,000.00	\$22,000.00	\$15,000.00	\$30,000.00
33	Water Main Alteration, Type 3, 8"	1 EA	\$15,000.00	\$15,000.00	\$12,000.00	\$12,000.00	\$15,000.00	\$15,000.00
34	Water Main Alteration, Type 1, 12", Night	4 EA	\$18,000.00	\$72,000.00	\$16,000.00	\$64,000.00	\$25,000.00	\$100,000.00
35	Remove and Replace Hydrant, 8" Water Main	1 EA	\$10,000.00	\$10,000.00	\$16,000.00	\$16,000.00	\$15,000.00	\$15,000.00
36	Remove and Replace Hydrant, 12" Water Main, Night	1 EA	\$15,000.00	\$15,000.00	\$17,000.00	\$17,000.00	\$25,000.00	\$25,000.00
37	Remove and Relocate Hydrant, 8" Water Main	3 EA	\$10,000.00	\$30,000.00	\$15,000.00	\$45,000.00	\$15,000.00	\$45,000.00
38	Remove and Relocate Hydrant, 8" Water Main, Night	1 EA	\$12,000.00	\$12,000.00	\$16,000.00	\$16,000.00	\$25,000.00	\$25,000.00
39	Remove and Relocate Hydrant, 12" Water Main, Night	1 EA	\$15,000.00	\$15,000.00	\$16,500.00	\$16,500.00	\$25,000.00	\$25,000.00
40	Manhole Type SW-401, 48"	17 EA	\$5,000.00	\$85,000.00	\$6,000.00	\$102,000.00	\$6,700.00	\$113,900.00
41	Manhole Type SW-401, 60"	3 EA	\$10,000.00	\$30,000.00	\$7,500.00	\$22,500.00	\$8,500.00	\$25,500.00
42	Manhole Type SW-401, 96"	1 EA	\$20,000.00	\$20,000.00	\$18,000.00	\$18,000.00	\$20,000.00	\$20,000.00
43	Manhole, Type SW-406, 5'x5'	3 EA	\$10,000.00	\$30,000.00	\$16,000.00	\$48,000.00	\$9,500.00	\$28,500.00
44	Intake Type SW-505	30 EA	\$5,200.00	\$156,000.00	\$6,000.00	\$180,000.00	\$8,750.00	\$262,500.00
45	Intake Type SW-507	1 EA	\$6,500.00	\$6,500.00	\$7,500.00	\$7,500.00	\$8,750.00	\$8,750.00
46	Intake Type SW-509	17 EA	\$8,000.00	\$136,000.00	\$8,500.00	\$144,500.00	\$9,750.00	\$165,750.00
47	Intake, Type SW-510	1 EA	\$8,500.00	\$8,500.00	\$10,000.00	\$10,000.00	\$9,750.00	\$9,750.00
48	intake, Type SW-541	1 EA	\$4,500.00	\$4,500.00	\$6,000.00	\$6,000.00	\$7,500.00	\$7,500.00

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ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
49	Intake Type SW-541 with SW-542 Extension	6 EA	\$7,000.00	\$42,000.00	\$13,000.00	\$78,000.00	\$12,000.00	\$72,000.00
50	Manhole Adjustment, Minor	18 EA	\$1,500.00	\$27,000.00	\$2,800.00	\$50,400.00	\$2,500.00	\$45,000.00
51	Connection to Existing	7 EA	\$2,500.00	\$17,500.00	\$3,000.00	\$21,000.00	\$40,000.00	\$280,000.00
52	Remove Sewer Structure	33 EA	\$800.00	\$26,400.00	\$500.00	\$16,500.00	\$3,100.00	\$102,300.00
53	Pavement, PCC, 6"	540 SY	\$75.00	\$40,500.00	\$69.00	\$37,260.00	\$82.00	\$44,280.00
54	Pavement, PCC, 9"	1515 SY	\$85.00	\$128,775.00	\$114.00	\$172,710.00	\$105.00	\$159,075.00
55	Curb and Gutter, 2.5', 6"	4035 LF	\$45.00	\$181,575.00	\$62.00	\$250,170.00	\$48.00	\$193,680.00
56	Beam Curb, 6" Width	450 LF	\$45.00	\$20,250.00	\$48.00	\$21,600.00	\$55.00	\$24,750.00
57	Beam Curb, 12" Width	420 LF	\$65.00	\$27,300.00	\$52.00	\$21,840.00	\$60.00	\$25,200.00
58	Pavement, HMA HT Base, 1" Mix, PG 58-28 S	2122 TON	\$110.00	\$233,420.00	\$116.00	\$246,152.00	\$127.50	\$270,555.00
59	Pavement, HMA ST Base, 3/4" Mix, PG 58-28 S	1057 TON	\$110.00	\$116,270.00	\$120.00	\$126,840.00	\$132.00	\$139,524.00
60	Pavement, HMA HT Intermediate, 3/4" Mix, PG 58-28 S	1073 TON	\$110.00	\$118,030.00	\$124.00	\$133,052.00	\$136.50	\$146,464.50
61	Pavement, HMA HT Surface, 1/2" Mix, No Fric., PG 58-28 V	1627 TON	\$115.00	\$187,105.00	\$123.00	\$200,121.00	\$135.00	\$219,645.00
62	Pavement, HMA ST Surface, 1/2" Mix, No Fric., PG 58-28 S	1320 TON	\$115.00	\$151,800.00	\$110.00	\$145,200.00	\$121.00	\$159,720.00
63	HMA Pavement Samples and Testing	1 LS	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00
64	Removal of Sidewalk	3863 SY	\$12.00	\$46,356.00	\$10.00	\$38,630.00	\$18.50	\$71,465.50
65	Removal of Driveway	1050 SY	\$12.00	\$12,600.00	\$10.00	\$10,500.00	\$18.50	\$19,425.00
66	Sidewalk, PCC, 4"	652 SY	\$55.00	\$35,860.00	\$61.00	\$39,772.00	\$72.00	\$46,944.00
67	Sidewalk, PCC, 5"	2401 SY	\$60.00	\$144,060.00	\$65.00	\$156,065.00	\$82.00	\$196,882.00
68	Sidewalk, PCC, 6"	529 SY	\$75.00	\$39,675.00	\$105.00	\$55,545.00	\$82.00	\$43,378.00
69	Bus Shelter Pad, PCC, 6"	19 SY	\$85.00	\$1,615.00	\$250.00	\$4,750.00	\$175.00	\$3,325.00
70	Detectable Warning	990 SF	\$50.00	\$49,500.00	\$50.00	\$49,500.00	\$55.00	\$54,450.00
71	Driveway, Paved, PCC, 7"	540 SY	\$70.00	\$37,800.00	\$80.00	\$43,200.00	\$85.00	\$45,900.00
72	Full Depth Patch, PCC	155 SY	\$125.00	\$19,375.00	\$125.00	\$19,375.00	\$100.00	\$15,500.00
73	Full Depth Patch, Composite	170 SY	\$300.00	\$51,000.00	\$188.00	\$31,960.00	\$250.00	\$42,500.00
74	Milling	4000 SY	\$12.00	\$48,000.00	\$35.00	\$140,000.00	\$14.00	\$56,000.00
75	Pavement Removal	19037 SY	\$14.00	\$266,518.00	\$13.00	\$247,481.00	\$18.50	\$352,184.50
76	Steel Rail Track Removal	3200 LF	\$45.00	\$144,000.00	\$40.00	\$128,000.00	\$45.00	\$144,000.00
77	Traffic Signalization	1 LS	\$500,000.00	\$500,000.00	\$474,000.00	\$474,000.00	\$588,210.00	\$588,210.00
78	Painted Pavement Markings, Solvent/Waterborne	282.1 STA	\$100.00	\$28,210.00	\$103.00	\$29,056.30	\$100.00	\$28,210.00
79	Temporary Painted Pavement Markings, Solvent/Waterborne	141.3 STA	\$100.00	\$14,130.00	\$75.00	\$10,597.50	\$100.00	\$14,130.00
80	Precut Symbols and Legends	47 EA	\$400.00	\$18,800.00	\$585.00	\$27,495.00	\$585.00	\$27,495.00
81	Pavement Markings Removed	139.5 STA	\$100.00	\$13,950.00	\$55.00	\$7,672.50	\$100.00	\$13,950.00
82	Symbols and Legends Removed	6 EA	\$200.00	\$1,200.00	\$100.00	\$600.00	\$165.00	\$990.00
83	Temporary Traffic Control	1 LS	\$75,000.00	\$75,000.00	\$90,000.00	\$90,000.00	\$125,000.00	\$125,000.00
84	Hydraulic Seeding, Seeding, Fertilizing, and Mulching	1.5 AC	\$8,500.00	\$12,750.00	\$7,000.00	\$10,500.00	\$10,000.00	\$15,000.00
85	Stormwater Pollution Prevention	1 LS	\$10,000.00	\$10,000.00	\$9,800.00	\$9,800.00	\$12,000.00	\$12,000.00
86	Erosion Control Mulching, Hydromulching	1.5 AC	\$5,000.00	\$7,500.00	\$3,500.00	\$5,250.00	\$5,000.00	\$7,500.00
87	Inlet Protection Device	90 EA	\$180.00	\$16,200.00	\$300.00	\$27,000.00	\$100.00	\$9,000.00
88	Inlet Protection Device, Maintenance	90 EA	\$25.00	\$2,250.00	\$100.00	\$9,000.00	\$15.00	\$1,350.00
89	Linear Erosion Control	900 LF	\$3.00	\$2,700.00	\$2.50	\$2,250.00	\$1.10	\$990.00
90	Linear Erosion Control, Removal	900 LF	\$0.50	\$450.00	\$0.50	\$450.00	\$0.25	\$225.00
91	Tree Protection Fence	2500 LF	\$4.00	\$10,000.00	\$5.00	\$12,500.00	\$1.00	\$2,500.00
92	Tree Trimming	18 EA	\$750.00	\$13,500.00	\$200.00	\$3,600.00	\$550.00	\$9,900.00
93	Mobilization	1 LS	\$690,951.00	\$690,951.00	\$503,120.00	\$503,120.00	\$685,000.00	\$685,000.00
94	Maintenance of Postal Service	1 LS	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00	\$12,500.00	\$12,500.00
95	Maintenance of Solid Waste Collection	1 LS	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$12,500.00	\$12,500.00
96	Concrete Washout	1 LS	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$7,500.00	\$7,500.00
97	Conduit, PVC, 2"	95 LF	\$8.00	\$760.00	\$25.00	\$2,375.00	\$30.00	\$2,850.00
98	Conduit, PVC, 4"	370 LF	\$8.00	\$2,960.00	\$26.00	\$9,620.00	\$31.00	\$11,470.00
99	Permanent Traffic Sign	19 EA	\$300.00	\$5,700.00	\$500.00	\$9,500.00	\$500.00	\$9,500.00
TOTAL CONSTRUCTION COST				\$6,800,000.00		\$7,445,568.30		\$8,313,339.50
PERCENT OF ENGINEER'S ESTIMATE						+9.49%		+22.25%
						Low		

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