

TABULATED BY: C. Bouska APPROVED BY: R. De Groot
CHECKED BY: Brett Lewis

Raccoon Valley Contractors
Waukee, IA
BID SECURITY
10% Bid Bond
BID PRICE
Jasper Construction
Services, Inc.
Newton, IA
BID SECURITY
10% Bid Bond
BID PRICE

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

-----ESTIMATE-----

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	Clearing and Grubbing	527 UNITS	\$80.00	\$42,160.00	\$60.00	\$31,620.00	\$135.00	\$71,145.00
2	Topsail, 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

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	\$6.00	\$570.00	\$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		