

TABULATED BY: C. Bouska
CHECKED BY: *[Signature]*

APPROVED BY: *[Signature: Colin Miller]*

CONTRACTOR'S BID TABULATION
PROJECT: RIVER BEND AND KING IRVING SEWER SEPARATION PHASE 2B

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT		MPS Engineers PC dba Kingston Services PC Des Moines, IA		Jasper Construction Services, Inc. Newton, IA	
			PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	CLEARING AND GRUBBING	44 UNIT	\$350.00	\$15,400.00	\$87.50	\$3,850.00	\$350.00	\$15,400.00
2	TOPSOIL, OFF SITE	580 CY	\$50.00	\$29,000.00	\$25.00	\$14,500.00	\$50.00	\$29,000.00
3	EXCAVATION, CLASS 10	2300 CY	\$25.00	\$57,500.00	\$30.00	\$69,000.00	\$28.00	\$64,400.00
4	SUBGRADE PREPARATION, 6 IN. DEPTH	3550 SY	\$8.00	\$28,400.00	\$7.50	\$26,625.00	\$8.00	\$28,400.00
5	SUBGRADE PREPARATION, 12 IN. DEPTH	4743 SY	\$16.00	\$75,888.00	\$7.50	\$35,572.50	\$14.00	\$66,402.00
6	SUBGRADE TREATMENT, FLY ASH	1400 SY	\$25.00	\$35,000.00	\$16.00	\$22,400.00	\$15.00	\$21,000.00
7	SUBGRADE TREATMENT, GEOGRID TYPE 2 OR 3	3320 SY	\$9.00	\$29,880.00	\$5.00	\$16,600.00	\$4.00	\$13,280.00
8	SUBBASE, MODIFIED	8293 SY	\$20.00	\$165,860.00	\$15.00	\$124,395.00	\$14.00	\$116,102.00
9	REPLACEMENT OF UNSUITABLE MATERIAL	3440 TONS	\$60.00	\$206,400.00	\$30.00	\$103,200.00	\$26.25	\$90,300.00
10	SANITARY SEWER, GRAVITY MAIN, TRENCHED, DI, 12"	46 LF	\$400.00	\$18,400.00	\$550.00	\$25,300.00	\$400.00	\$18,400.00
11	SANITARY SEWER, GRAVITY MAIN, TRENCHED, DI, 14"	10 LF	\$450.00	\$4,500.00	\$1,000.00	\$10,000.00	\$600.00	\$6,000.00
12	REPAIR SANITARY SEWER	5 EA	\$7,000.00	\$35,000.00	\$4,850.00	\$24,250.00	\$3,500.00	\$17,500.00
13	REMOVAL OF SANITARY SEWER, 12"	46 LF	\$50.00	\$2,300.00	\$90.00	\$4,140.00	\$50.00	\$2,300.00
14	REMOVAL OF SANITARY SEWER, 15"	10 LF	\$50.00	\$500.00	\$300.00	\$3,000.00	\$50.00	\$500.00
15	STORM SEWER, TRENCHED, RCP, CL3, 15"	1683 LF	\$150.00	\$252,450.00	\$133.00	\$223,839.00	\$165.00	\$277,695.00
16	STORM SEWER, TRENCHED, GASKETED RCP, CL3, 15"	331 LF	\$175.00	\$57,925.00	\$182.00	\$60,242.00	\$175.00	\$57,925.00
17	STORM SEWER, TRENCHED, RCP, CL5, 15"	548 LF	\$175.00	\$95,900.00	\$160.00	\$87,680.00	\$175.00	\$95,900.00
18	STORM SEWER, TRENCHED, GASKETED RCP, CL5, 15"	65 LF	\$200.00	\$13,000.00	\$125.00	\$8,125.00	\$208.00	\$13,520.00
19	STORM SEWER, TRENCHED, RCP, CL3, 18"	41 LF	\$200.00	\$8,200.00	\$135.00	\$5,535.00	\$254.00	\$10,414.00
20	STORM SEWER, TRENCHED, RCP, CL3, 24"	790 LF	\$230.00	\$181,700.00	\$157.00	\$124,030.00	\$230.00	\$181,700.00
21	STORM SEWER, TRENCHED, DI, CL52, 14"	29 LF	\$450.00	\$13,050.00	\$225.00	\$6,525.00	\$450.00	\$13,050.00
22	REMOVAL OF STORM SEWER, VCP OR RCP, 6" TO 15"	265 LF	\$25.00	\$6,625.00	\$80.00	\$21,200.00	\$25.00	\$6,625.00
23	STORM SEWER ABANDONMENT, FILLED PLUG	12 LF	\$80.00	\$960.00	\$125.00	\$1,500.00	\$80.00	\$960.00
24	MANHOLE ADJUSTMENT, PCC DIAMOND	8 EA	\$2,000.00	\$16,000.00	\$5,000.00	\$40,000.00	\$1,750.00	\$14,000.00
25	SUBDRAIN, TYPE 1, 6"	600 LF	\$20.00	\$12,000.00	\$23.00	\$13,800.00	\$24.00	\$14,400.00
26	SUBDRAIN OUTLETS AND CONNECTIONS, TYPE 1, 6"	2 EA	\$500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$500.00	\$1,000.00
27	MANHOLE, SW 401, 48"	3 EA	\$5,000.00	\$15,000.00	\$4,200.00	\$12,600.00	\$5,540.00	\$16,620.00
28	MANHOLE, SW 401, 60"	1 EA	\$7,500.00	\$7,500.00	\$9,300.00	\$9,300.00	\$7,845.00	\$7,845.00
29	INTAKE, SW 501	19 EA	\$6,500.00	\$123,500.00	\$3,400.00	\$64,600.00	\$6,000.00	\$114,000.00
30	INTAKE, SW 501 MOD	1 EA	\$7,000.00	\$7,000.00	\$6,000.00	\$6,000.00	\$7,500.00	\$7,500.00
31	INTAKE, SW 502, 48"	6 EA	\$6,500.00	\$39,000.00	\$4,500.00	\$27,000.00	\$6,800.00	\$40,800.00
32	INTAKE, SW 502, 60"	1 EA	\$7,500.00	\$7,500.00	\$8,500.00	\$8,500.00	\$7,800.00	\$7,800.00
33	INTAKE, SW 505	3 EA	\$8,500.00	\$25,500.00	\$5,500.00	\$16,500.00	\$7,800.00	\$23,400.00
34	INTAKE, SW 507	3 EA	\$8,500.00	\$25,500.00	\$7,000.00	\$21,000.00	\$9,900.00	\$29,700.00
35	INTAKE, SW 511	1 EA	\$9,500.00	\$9,500.00	\$5,000.00	\$5,000.00	\$10,250.00	\$10,250.00
36	INTAKE, SW 511 MOD	2 EA	\$10,500.00	\$21,000.00	\$5,000.00	\$10,000.00	\$11,250.00	\$22,500.00
37	CONNECT TO TRENCH DRAIN	1 EA	\$2,500.00	\$2,500.00	\$4,500.00	\$4,500.00	\$2,500.00	\$2,500.00
38	CONNECTION TO EXISTING INTAKE/MANHOLE	4 EA	\$3,000.00	\$12,000.00	\$3,600.00	\$14,400.00	\$3,000.00	\$12,000.00
39	REMOVE MANHOLE	2 EA	\$1,000.00	\$2,000.00	\$1,750.00	\$3,500.00	\$1,250.00	\$2,500.00
40	REMOVE INTAKE	14 EA	\$1,000.00	\$14,000.00	\$1,750.00	\$24,500.00	\$1,000.00	\$14,000.00
41	PAVEMENT, PCC, 6"	25 SY	\$110.00	\$2,750.00	\$115.00	\$2,875.00	\$128.00	\$3,200.00
42	PAVEMENT, PCC, 8"	153 SY	\$135.00	\$20,655.00	\$126.00	\$19,278.00	\$156.00	\$23,868.00

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
43	CURB AND GUTTER, PCC, 6", 2'-6" WIDE	5435 LF	\$50.00	\$271,750.00	\$23.25	\$126,363.75	\$22.00	\$119,570.00	\$50.00	\$271,750.00
44	CURB AND GUTTER, PCC, 8", 2'-6" WIDE	15 LF	\$80.00	\$1,200.00	\$23.00	\$345.00	\$112.00	\$1,680.00	\$175.00	\$2,625.00
45	PAVEMENT, HMA LT, BASE COURSE	1335 TONS	\$120.00	\$160,200.00	\$110.00	\$146,850.00	\$105.00	\$140,175.00	\$122.00	\$162,870.00
46	PAVEMENT, HMA LT, SURFACE COURSE	1220 TONS	\$125.00	\$152,500.00	\$112.00	\$136,640.00	\$107.00	\$130,540.00	\$106.00	\$129,320.00
47	REMOVAL OF SIDEWALK	876 SY	\$13.00	\$11,388.00	\$10.00	\$8,760.00	\$15.00	\$13,140.00	\$20.00	\$17,520.00
48	REMOVAL OF DRIVEWAY	378 SY	\$15.00	\$5,670.00	\$12.00	\$4,536.00	\$12.00	\$4,536.00	\$20.00	\$7,560.00
49	SIDEWALK, PCC, 4" THICK	533 SY	\$55.00	\$29,315.00	\$57.00	\$30,381.00	\$68.00	\$36,244.00	\$90.00	\$47,970.00
50	SIDEWALK, PCC, 6" THICK	288 SY	\$65.00	\$18,720.00	\$69.00	\$19,872.00	\$112.00	\$32,256.00	\$95.00	\$27,360.00
51	DETECTABLE WARNING	502 SF	\$50.00	\$25,100.00	\$52.00	\$26,104.00	\$48.00	\$24,096.00	\$65.00	\$32,630.00
52	DRIVEWAY, PCC, 6" THICK	377 SY	\$80.00	\$30,160.00	\$86.00	\$32,422.00	\$82.00	\$30,914.00	\$98.00	\$36,946.00
53	DRIVEWAY, PCC, 7" THICK	22 SY	\$85.00	\$1,870.00	\$92.00	\$2,024.00	\$94.00	\$2,068.00	\$100.00	\$2,200.00
54	DRIVEWAY, GRANULAR	13 TON	\$50.00	\$650.00	\$50.00	\$650.00	\$50.00	\$650.00	\$40.00	\$520.00
55	PAVEMENT SCARIFICATION	3340 SY	\$25.00	\$83,500.00	\$9.70	\$32,398.00	\$9.25	\$30,895.00	\$8.00	\$26,720.00
56	PAVEMENT REMOVAL	7920 SY	\$15.00	\$118,800.00	\$16.50	\$130,680.00	\$15.00	\$118,800.00	\$22.00	\$174,240.00
57	REMOVE AND REINSTALL SIGN	34 EA	\$100.00	\$3,400.00	\$165.00	\$5,610.00	\$150.00	\$5,100.00	\$150.00	\$5,100.00
58	TRAFFIC CONTROL	1 LS	\$50,000.00	\$50,000.00	\$96,000.00	\$96,000.00	\$35,000.00	\$35,000.00	\$75,000.00	\$75,000.00
59	HYDRAULIC SEEDING, FERTILIZING AND MULCHING	1 AC	\$15,000.00	\$15,000.00	\$9,570.00	\$9,570.00	\$8,500.00	\$8,500.00	\$16,200.00	\$16,200.00
60	STORMWATER POLLUTION PREVENTION	1 LS	\$10,000.00	\$10,000.00	\$11,000.00	\$11,000.00	\$12,500.00	\$12,500.00	\$18,500.00	\$18,500.00
61	FILTER SOCK, 9" DIA	1612 LF	\$3.00	\$4,836.00	\$5.50	\$8,866.00	\$5.00	\$8,060.00	\$3.00	\$4,836.00
62	FILTER SOCK REMOVAL	1612 LF	\$2.00	\$3,224.00	\$2.20	\$3,546.40	\$0.50	\$806.00	\$0.50	\$806.00
63	INLET PROTECTION DEVICE	36 EA	\$200.00	\$7,200.00	\$205.00	\$7,380.00	\$185.00	\$6,660.00	\$175.00	\$6,300.00
64	CHAIN LINK FENCE, 48", SALVAGE, REPLACE	30 LF	\$70.00	\$2,100.00	\$42.50	\$1,275.00	\$70.00	\$2,100.00	\$40.00	\$1,200.00
65	MODULAR BLOCK RETAINING WALL, SALVAGE, RESTACK	155 SF	\$80.00	\$12,400.00	\$75.00	\$11,625.00	\$32.00	\$4,960.00	\$40.00	\$6,200.00
66	LIMESTONE RETAINING WALL, SALVAGE, RESTACK	81 SF	\$80.00	\$6,480.00	\$75.00	\$6,075.00	\$32.00	\$2,592.00	\$40.00	\$3,240.00
67	RECYCLED CONCRETE RETAINING WALL, SALVAGE, RESTACK	56 SF	\$80.00	\$4,480.00	\$75.00	\$4,200.00	\$32.00	\$1,792.00	\$40.00	\$2,240.00
68	COMBINED CONCRETE SIDEWALK AND RETAINING WALL	7 CY	\$2,000.00	\$14,000.00	\$1,725.00	\$12,075.00	\$1,875.00	\$13,125.00	\$1,750.00	\$12,250.00
69	CONSTRUCTION STAKING	1 LS	\$35,000.00	\$35,000.00	\$27,500.00	\$27,500.00	\$42,206.00	\$42,206.00	\$59,500.00	\$59,500.00
70	MOBILIZATION	1 LS	\$731,614.00	\$731,614.00	\$242,200.00	\$242,200.00	\$717,610.00	\$717,610.00	\$660,000.00	\$660,000.00
71	TREE PROTECTION FENCE, 4' HIGH	90 LF	\$5.00	\$450.00	\$8.25	\$742.50	\$12.00	\$1,080.00	\$3.50	\$315.00
72	TREE TRUNK PROTECTION	9 EA	\$350.00	\$3,150.00	\$330.00	\$2,970.00	\$200.00	\$1,800.00	\$75.00	\$675.00
73	TREE TRIMMING	1 EA	\$2,000.00	\$2,000.00	\$8,250.00	\$8,250.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00
74	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$7,500.00	\$7,500.00	\$25,000.00	\$25,000.00	\$5,500.00	\$5,500.00	\$25,000.00	\$25,000.00
75	TEMPORARY MAILBOXES	7 EA	\$500.00	\$3,500.00	\$550.00	\$3,850.00	\$400.00	\$2,800.00	\$500.00	\$3,500.00
76	8" TYPE 3 WATER MAIN ALTERATION	2 EA	\$15,000.00	\$30,000.00	\$11,500.00	\$23,000.00	\$15,000.00	\$30,000.00	\$13,000.00	\$26,000.00
77	6" REMOVE AND REPLACE HYDRANT ASSEMBLY	1 EA	\$16,000.00	\$16,000.00	\$11,600.00	\$11,600.00	\$15,000.00	\$15,000.00	\$11,200.00	\$11,200.00
78	8" REMOVE AND REPLACE HYDRANT ASSEMBLY	5 EA	\$17,500.00	\$87,500.00	\$11,900.00	\$59,500.00	\$15,000.00	\$75,000.00	\$11,600.00	\$58,000.00
79	8" REMOVE AND RELOCATE HYDRANT ASSEMBLY	1 EA	\$16,000.00	\$16,000.00	\$19,000.00	\$19,000.00	\$21,000.00	\$21,000.00	\$14,400.00	\$14,400.00
80	1" WATER SERVICE PARTIAL REPLACEMENT (OPPOSITE SIDE)	14 EA	\$5,000.00	\$70,000.00	\$5,500.00	\$77,000.00	\$4,200.00	\$58,800.00	\$4,200.00	\$58,800.00
81	FOUNDATION ROCK	20 TON	\$80.00	\$1,600.00	\$45.00	\$900.00	\$60.00	\$1,200.00	\$65.00	\$1,300.00
82	MANUFACTURED SAND	50 TON	\$80.00	\$4,000.00	\$50.00	\$2,500.00	\$45.00	\$2,250.00	\$40.00	\$2,000.00
TOTAL CONSTRUCTION COST				\$3,750,000.00		\$2,706,122.15		\$3,277,661.00		\$3,288,509.50
PERCENT OF ENGINEER'S ESTIMATE						-27.84%		-12.60%		-12.31%
						Low				

Bid read under advisement.
Attachment 4 missing
signature.

TABULATED BY: C. Bouska APPROVED BY _____
CHECKED BY: *[Signature]*

CONTRACTOR'S BID TABULATION
PROJECT: RIVER BEND AND KING IRVING SEWER SEPARATION PHASE 2B

-----ESTIMATE-----

		On Track Construction, LLC Nevada, IA		The Underground Co., Ltd. Carlisle, IA		Synergy Contracting, LLC Bondurant, IA				
		BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond				
		BID PRICE		BID PRICE		BID PRICE				
ITEM	DESCRIPTION	UNIT	PRICE	AMOUNT	UNIT	PRICE	AMOUNT	UNIT	PRICE	AMOUNT
1	CLEARING AND GRUBBING	44 UNIT	\$350.00	\$15,400.00	\$81.00	\$3,564.00	\$250.00	\$11,000.00	\$490.00	\$21,560.00
2	TOPSOIL, OFF SITE	580 CY	\$50.00	\$29,000.00	\$61.00	\$35,380.00	\$50.00	\$29,000.00	\$56.00	\$32,480.00
3	EXCAVATION, CLASS 10	2300 CY	\$25.00	\$57,500.00	\$17.20	\$39,560.00	\$39.00	\$89,700.00	\$42.00	\$96,600.00
4	SUBGRADE PREPARATION, 6 IN. DEPTH	3550 SY	\$8.00	\$28,400.00	\$6.10	\$21,655.00	\$7.00	\$24,850.00	\$14.00	\$49,700.00
5	SUBGRADE PREPARATION, 12 IN. DEPTH	4743 SY	\$16.00	\$75,888.00	\$12.10	\$57,390.30	\$15.00	\$71,145.00	\$21.00	\$99,603.00
6	SUBGRADE TREATMENT, FLY ASH	1400 SY	\$25.00	\$35,000.00	\$10.10	\$14,140.00	\$25.00	\$35,000.00	\$42.00	\$58,800.00
7	SUBGRADE TREATMENT, GEOGRID TYPE 2 OR 3	3320 SY	\$9.00	\$29,880.00	\$5.60	\$18,592.00	\$10.00	\$33,200.00	\$14.00	\$46,480.00
8	SUBBASE, MODIFIED	8293 SY	\$20.00	\$165,860.00	\$14.00	\$116,102.00	\$18.00	\$149,274.00	\$28.00	\$232,204.00
9	REPLACEMENT OF UNSUITABLE MATERIAL	3440 TONS	\$60.00	\$206,400.00	\$47.70	\$164,088.00	\$34.00	\$116,960.00	\$56.00	\$192,640.00
10	SANITARY SEWER, GRAVITY MAIN, TRENCHED, DI, 12"	46 LF	\$400.00	\$18,400.00	\$336.00	\$15,456.00	\$352.00	\$16,192.00	\$392.00	\$18,032.00
11	SANITARY SEWER, GRAVITY MAIN, TRENCHED, DI, 14"	10 LF	\$450.00	\$4,500.00	\$688.00	\$6,880.00	\$1,257.00	\$12,570.00	\$490.00	\$4,900.00
12	REPAIR SANITARY SEWER	5 EA	\$7,000.00	\$35,000.00	\$6,155.00	\$30,775.00	\$6,400.00	\$32,000.00	\$8,400.00	\$42,000.00
13	REMOVAL OF SANITARY SEWER, 12"	46 LF	\$50.00	\$2,300.00	\$82.00	\$3,772.00	\$40.00	\$1,840.00	\$140.00	\$6,440.00
14	REMOVAL OF SANITARY SEWER, 15"	10 LF	\$50.00	\$500.00	\$128.00	\$1,280.00	\$55.00	\$550.00	\$140.00	\$1,400.00
15	STORM SEWER, TRENCHED, RCP, CL3, 15"	1683 LF	\$150.00	\$252,450.00	\$203.00	\$341,649.00	\$148.00	\$249,084.00	\$140.00	\$235,620.00
16	STORM SEWER, TRENCHED, GASKETED RCP, CL3, 15"	331 LF	\$175.00	\$57,925.00	\$210.00	\$69,510.00	\$151.00	\$49,981.00	\$161.00	\$53,291.00
17	STORM SEWER, TRENCHED, RCP, CL5, 15"	548 LF	\$175.00	\$95,900.00	\$205.00	\$112,340.00	\$150.00	\$82,200.00	\$147.00	\$80,556.00
18	STORM SEWER, TRENCHED, GASKETED RCP, CL5, 15"	65 LF	\$200.00	\$13,000.00	\$211.00	\$13,715.00	\$155.00	\$10,075.00	\$161.00	\$10,465.00
19	STORM SEWER, TRENCHED, RCP, CL3, 18"	41 LF	\$200.00	\$8,200.00	\$236.00	\$9,676.00	\$190.00	\$7,790.00	\$154.00	\$6,314.00
20	STORM SEWER, TRENCHED, RCP, CL3, 24"	790 LF	\$230.00	\$181,700.00	\$302.00	\$238,580.00	\$210.00	\$165,900.00	\$161.00	\$127,190.00
21	STORM SEWER, TRENCHED, DI, CL52, 14"	29 LF	\$450.00	\$13,050.00	\$226.00	\$6,554.00	\$250.00	\$7,250.00	\$273.00	\$7,917.00
22	REMOVAL OF STORM SEWER, VCP OR RCP, 6" TO 15"	265 LF	\$25.00	\$6,625.00	\$25.00	\$6,625.00	\$25.00	\$6,625.00	\$28.00	\$7,420.00
23	STORM SEWER ABANDONMENT, FILLED PLUG	12 LF	\$80.00	\$960.00	\$445.00	\$5,340.00	\$150.00	\$1,800.00	\$140.00	\$1,680.00
24	MANHOLE ADJUSTMENT, PCC DIAMOND	8 EA	\$2,000.00	\$16,000.00	\$5,000.00	\$40,000.00	\$3,350.00	\$26,800.00	\$2,100.00	\$16,800.00
25	SUBDRAIN, TYPE 1, 6"	600 LF	\$20.00	\$12,000.00	\$28.00	\$16,800.00	\$31.00	\$18,600.00	\$42.00	\$25,200.00
26	SUBDRAIN OUTLETS AND CONNECTIONS, TYPE 1, 6"	2 EA	\$500.00	\$1,000.00	\$750.00	\$1,500.00	\$150.00	\$300.00	\$560.00	\$1,120.00
27	MANHOLE, SW 401, 48"	3 EA	\$5,000.00	\$15,000.00	\$5,178.00	\$15,534.00	\$6,900.00	\$20,700.00	\$7,000.00	\$21,000.00
28	MANHOLE, SW 401, 60"	1 EA	\$7,500.00	\$7,500.00	\$9,335.00	\$9,335.00	\$10,200.00	\$10,200.00	\$11,200.00	\$11,200.00
29	INTAKE, SW 501	19 EA	\$6,500.00	\$123,500.00	\$7,175.00	\$136,325.00	\$4,200.00	\$79,800.00	\$9,100.00	\$172,900.00
30	INTAKE, SW 501 MOD	1 EA	\$7,000.00	\$7,000.00	\$8,770.00	\$8,770.00	\$6,000.00	\$6,000.00	\$9,100.00	\$9,100.00
31	INTAKE, SW 502, 48"	6 EA	\$6,500.00	\$39,000.00	\$5,275.00	\$31,650.00	\$7,700.00	\$46,200.00	\$3,500.00	\$21,000.00
32	INTAKE, SW 502, 60"	1 EA	\$7,500.00	\$7,500.00	\$9,010.00	\$9,010.00	\$10,900.00	\$10,900.00	\$6,300.00	\$6,300.00
33	INTAKE, SW 505	3 EA	\$8,500.00	\$25,500.00	\$8,900.00	\$26,700.00	\$6,300.00	\$18,900.00	\$10,500.00	\$31,500.00
34	INTAKE, SW 507	3 EA	\$8,500.00	\$25,500.00	\$10,975.00	\$32,925.00	\$7,700.00	\$23,100.00	\$10,920.00	\$32,760.00
35	INTAKE, SW 511	1 EA	\$9,500.00	\$9,500.00	\$10,660.00	\$10,660.00	\$4,500.00	\$4,500.00	\$12,880.00	\$12,880.00
36	INTAKE, SW 511 MOD	2 EA	\$10,500.00	\$21,000.00	\$11,970.00	\$23,940.00	\$5,100.00	\$10,200.00	\$14,700.00	\$29,400.00
37	CONNECT TO TRENCH DRAIN	1 EA	\$2,500.00	\$2,500.00	\$2,775.00	\$2,775.00	\$2,300.00	\$2,300.00	\$1,680.00	\$1,680.00
38	CONNECTION TO EXISTING INTAKE/MANHOLE	4 EA	\$3,000.00	\$12,000.00	\$2,775.00	\$11,100.00	\$2,800.00	\$11,200.00	\$4,200.00	\$16,800.00
39	REMOVE MANHOLE	2 EA	\$1,000.00	\$2,000.00	\$1,900.00	\$3,800.00	\$1,200.00	\$2,400.00	\$700.00	\$1,400.00
40	REMOVE INTAKE	14 EA	\$1,000.00	\$14,000.00	\$1,060.00	\$14,840.00	\$900.00	\$12,600.00	\$700.00	\$9,800.00
41	PAVEMENT, PCC, 6"	25 SY	\$110.00	\$2,750.00	\$207.10	\$5,177.50	\$72.00	\$1,800.00	\$252.00	\$6,300.00
42	PAVEMENT, PCC, 8"	153 SY	\$135.00	\$20,655.00	\$217.20	\$33,231.60	\$91.00	\$13,923.00	\$280.00	\$42,840.00

ITEM	DESCRIPTION	QUANTITY	UNIT			UNIT			UNIT			UNIT		
			PRICE	AMOUNT		PRICE	AMOUNT		PRICE	AMOUNT		PRICE	AMOUNT	
43	CURB AND GUTTER, PCC, 6", 2'-6" WIDE	5435 LF	\$50.00	\$271,750.00		\$31.30	\$170,115.50		\$28.00	\$152,180.00		\$27.50	\$149,462.50	
44	CURB AND GUTTER, PCC, 8", 2'-6" WIDE	15 LF	\$80.00	\$1,200.00		\$183.80	\$2,757.00		\$190.00	\$2,850.00		\$220.00	\$3,300.00	
45	PAVEMENT, HMA LT, BASE COURSE	1335 TONS	\$120.00	\$160,200.00		\$111.10	\$148,318.50		\$123.00	\$164,205.00		\$121.00	\$161,535.00	
46	PAVEMENT, HMA LT, SURFACE COURSE	1220 TONS	\$125.00	\$152,500.00		\$126.30	\$154,086.00		\$106.00	\$129,320.00		\$104.50	\$127,490.00	
47	REMOVAL OF SIDEWALK	876 SY	\$13.00	\$11,388.00		\$11.00	\$9,636.00		\$13.00	\$11,388.00		\$14.00	\$12,264.00	
48	REMOVAL OF DRIVEWAY	378 SY	\$15.00	\$5,670.00		\$13.00	\$4,914.00		\$15.00	\$5,670.00		\$14.00	\$5,292.00	
49	SIDEWALK, PCC, 4" THICK	533 SY	\$55.00	\$29,315.00		\$151.50	\$80,749.50		\$77.00	\$41,041.00		\$63.00	\$33,579.00	
50	SIDEWALK, PCC, 6" THICK	288 SY	\$65.00	\$18,720.00		\$176.80	\$50,918.40		\$108.00	\$31,104.00		\$77.00	\$22,176.00	
51	DETECTABLE WARNING	502 SF	\$50.00	\$25,100.00		\$55.80	\$28,011.60		\$83.00	\$41,666.00		\$63.00	\$31,626.00	
52	DRIVEWAY, PCC, 6" THICK	377 SY	\$80.00	\$30,160.00		\$136.40	\$51,422.80		\$72.00	\$27,144.00		\$91.00	\$34,307.00	
53	DRIVEWAY, PCC, 7" THICK	22 SY	\$85.00	\$1,870.00		\$232.30	\$5,110.60		\$83.00	\$1,826.00		\$140.00	\$3,080.00	
54	DRIVEWAY, GRANULAR	13 TON	\$50.00	\$650.00		\$31.00	\$403.00		\$50.00	\$650.00		\$84.00	\$1,092.00	
55	PAVEMENT SCARIFICATION	3340 SY	\$25.00	\$83,500.00		\$8.40	\$28,056.00		\$9.00	\$30,060.00		\$14.00	\$46,760.00	
56	PAVEMENT REMOVAL	7920 SY	\$15.00	\$118,800.00		\$18.00	\$142,560.00		\$15.00	\$118,800.00		\$28.00	\$221,760.00	
57	REMOVE AND REINSTALL SIGN	34 EA	\$100.00	\$3,400.00		\$151.50	\$5,151.00		\$200.00	\$6,800.00		\$210.00	\$7,140.00	
58	TRAFFIC CONTROL	1 LS	\$50,000.00	\$50,000.00		\$45,198.00	\$45,198.00		\$50,000.00	\$50,000.00		\$49,000.00	\$49,000.00	
59	HYDRAULIC SEEDING, FERTILIZING AND MULCHING	1 AC	\$15,000.00	\$15,000.00		\$8,787.00	\$8,787.00		\$9,600.00	\$9,600.00		\$7,000.00	\$7,000.00	
60	STORMWATER POLLUTION PREVENTION	1 LS	\$10,000.00	\$10,000.00		\$10,100.00	\$10,100.00		\$11,000.00	\$11,000.00		\$7,000.00	\$7,000.00	
61	FILTER SOCK, 9" DIA	1612 LF	\$3.00	\$4,836.00		\$5.10	\$8,221.20		\$6.00	\$9,672.00		\$7.00	\$11,284.00	
62	FILTER SOCK REMOVAL	1612 LF	\$2.00	\$3,224.00		\$2.00	\$3,224.00		\$3.00	\$4,836.00		\$1.00	\$1,612.00	
63	INLET PROTECTION DEVICE	36 EA	\$200.00	\$7,200.00		\$187.00	\$6,732.00		\$204.00	\$7,344.00		\$280.00	\$10,080.00	
64	CHAIN LINK FENCE, 48", SALVAGE, REPLACE	30 LF	\$70.00	\$2,100.00		\$101.00	\$3,030.00		\$100.00	\$3,000.00		\$140.00	\$4,200.00	
65	MODULAR BLOCK RETAINING WALL, SALVAGE, RESTACK	155 SF	\$80.00	\$12,400.00		\$89.00	\$13,795.00		\$90.00	\$13,950.00		\$84.00	\$13,020.00	
66	LIMESTONE RETAINING WALL, SALVAGE, RESTACK	81 SF	\$80.00	\$6,480.00		\$96.00	\$7,776.00		\$90.00	\$7,290.00		\$63.00	\$5,103.00	
67	RECYCLED CONCRETE RETAINING WALL, SALVAGE, RESTACK	56 SF	\$80.00	\$4,480.00		\$72.00	\$4,032.00		\$90.00	\$5,040.00		\$70.00	\$3,920.00	
68	COMBINED CONCRETE SIDEWALK AND RETAINING WALL	7 CY	\$2,000.00	\$14,000.00		\$2,600.00	\$18,200.00		\$3,000.00	\$21,000.00		\$1,400.00	\$9,800.00	
69	CONSTRUCTION STAKING	1 LS	\$35,000.00	\$35,000.00		\$43,430.00	\$43,430.00		\$32,000.00	\$32,000.00		\$42,000.00	\$42,000.00	
70	MOBILIZATION	1 LS	\$731,614.00	\$731,614.00		\$361,534.50	\$361,534.50		\$750,000.00	\$750,000.00		\$602,000.00	\$602,000.00	
71	TREE PROTECTION FENCE, 4' HIGH	90 LF	\$5.00	\$450.00		\$7.60	\$684.00		\$9.00	\$810.00		\$14.00	\$1,260.00	
72	TREE TRUNK PROTECTION	9 EA	\$350.00	\$3,150.00		\$303.00	\$2,727.00		\$400.00	\$3,600.00		\$700.00	\$6,300.00	
73	TREE TRIMMING	1 EA	\$2,000.00	\$2,000.00		\$6,717.00	\$6,717.00		\$2,000.00	\$2,000.00		\$1,400.00	\$1,400.00	
74	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$7,500.00	\$7,500.00		\$6,987.00	\$6,987.00		\$9,000.00	\$9,000.00		\$14,000.00	\$14,000.00	
75	TEMPORARY MAILBOXES	7 EA	\$500.00	\$3,500.00		\$505.00	\$3,535.00		\$500.00	\$3,500.00		\$280.00	\$1,960.00	
76	8" TYPE 3 WATER MAIN ALTERATION	2 EA	\$15,000.00	\$30,000.00		\$23,446.00	\$46,892.00		\$10,500.00	\$21,000.00		\$18,200.00	\$36,400.00	
77	6" REMOVE AND REPLACE HYDRANT ASSEMBLY	1 EA	\$16,000.00	\$16,000.00		\$12,775.00	\$12,775.00		\$15,200.00	\$15,200.00		\$19,740.00	\$19,740.00	
78	8" REMOVE AND REPLACE HYDRANT ASSEMBLY	5 EA	\$17,500.00	\$87,500.00		\$17,113.00	\$85,565.00		\$15,800.00	\$79,000.00		\$19,600.00	\$98,000.00	
79	8" REMOVE AND RELOCATE HYDRANT ASSEMBLY	1 EA	\$16,000.00	\$16,000.00		\$19,877.00	\$19,877.00		\$17,600.00	\$17,600.00		\$23,100.00	\$23,100.00	
80	1" WATER SERVICE PARTIAL REPLACEMENT (OPPOSITE SIDE)	14 EA	\$5,000.00	\$70,000.00		\$5,165.00	\$72,310.00		\$5,700.00	\$79,800.00		\$3,220.00	\$45,080.00	
81	FOUNDATION ROCK	20 TON	\$80.00	\$1,600.00		\$82.00	\$1,640.00		\$75.00	\$1,500.00		\$140.00	\$2,800.00	
82	MANUFACTURED SAND	50 TON	\$80.00	\$4,000.00		\$70.00	\$3,500.00		\$60.00	\$3,000.00		\$112.00	\$5,600.00	
TOTAL CONSTRUCTION COST				\$3,750,000.00		\$3,446,175.00		\$3,449,855.00		\$3,785,794.50				
PERCENT OF ENGINEER'S ESTIMATE						-8.10%		-8.00%		+0.95%				

Bid read under advisement.
Attachment 4 pages were
not from proposal, but
correct pages from
alternative source.

TABULATED BY: C. Bouyska APPROVED BY _____
CHECKED BY: 

CONTRACTOR'S BID TABULATION
PROJECT: RIVER BEND AND KING IRVING SEWER SEPARATION PHASE 2B

Rognes Corporation
Ankeny, IA

BID SECURITY
10% Bid Bond

BID PRICE

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT
1	CLEARING AND GRUBBING	44 UNIT	\$350.00	\$15,400.00	\$500.00	\$22,000.00
2	TOPSOIL, OFF SITE	580 CY	\$50.00	\$29,000.00	\$65.00	\$37,700.00
3	EXCAVATION, CLASS 10	2300 CY	\$25.00	\$57,500.00	\$60.00	\$138,000.00
4	SUBGRADE PREPARATION, 6 IN. DEPTH	3550 SY	\$8.00	\$28,400.00	\$7.00	\$24,850.00
5	SUBGRADE PREPARATION, 12 IN. DEPTH	4743 SY	\$16.00	\$75,888.00	\$16.00	\$75,888.00
6	SUBGRADE TREATMENT, FLY ASH	1400 SY	\$25.00	\$35,000.00	\$10.00	\$14,000.00
7	SUBGRADE TREATMENT, GEOGRID TYPE 2 OR 3	3320 SY	\$9.00	\$29,880.00	\$5.00	\$16,600.00
8	SUBBASE, MODIFIED	8293 SY	\$20.00	\$165,860.00	\$15.00	\$124,395.00
9	REPLACEMENT OF UNSUITABLE MATERIAL	3440 TONS	\$60.00	\$206,400.00	\$55.00	\$189,200.00
10	SANITARY SEWER, GRAVITY MAIN, TRENCHED, DI, 12"	46 LF	\$400.00	\$18,400.00	\$750.00	\$34,500.00
11	SANITARY SEWER, GRAVITY MAIN, TRENCHED, DI, 14"	10 LF	\$450.00	\$4,500.00	\$1,200.00	\$12,000.00
12	REPAIR SANITARY SEWER	5 EA	\$7,000.00	\$35,000.00	\$7,800.00	\$39,000.00
13	REMOVAL OF SANITARY SEWER, 12"	46 LF	\$50.00	\$2,300.00	\$65.00	\$2,990.00
14	REMOVAL OF SANITARY SEWER, 15"	10 LF	\$50.00	\$500.00	\$65.00	\$650.00
15	STORM SEWER, TRENCHED, RCP, CL3, 15"	1683 LF	\$150.00	\$252,450.00	\$325.00	\$546,975.00
16	STORM SEWER, TRENCHED, GASKETED RCP, CL3, 15"	331 LF	\$175.00	\$57,925.00	\$326.00	\$107,906.00
17	STORM SEWER, TRENCHED, RCP, CL5, 15"	548 LF	\$175.00	\$95,900.00	\$375.00	\$205,500.00
18	STORM SEWER, TRENCHED, GASKETED RCP, CL5, 15"	65 LF	\$200.00	\$13,000.00	\$376.00	\$24,440.00
19	STORM SEWER, TRENCHED, RCP, CL3, 18"	41 LF	\$200.00	\$8,200.00	\$335.00	\$13,735.00
20	STORM SEWER, TRENCHED, RCP, CL3, 24"	790 LF	\$230.00	\$181,700.00	\$355.00	\$280,450.00
21	STORM SEWER, TRENCHED, DI, CL52, 14"	29 LF	\$450.00	\$13,050.00	\$500.00	\$14,500.00
22	REMOVAL OF STORM SEWER, VCP OR RCP, 6" TO 15"	265 LF	\$25.00	\$6,625.00	\$75.00	\$19,875.00
23	STORM SEWER ABANDONMENT, FILLED PLUG	12 LF	\$80.00	\$960.00	\$75.00	\$900.00
24	MANHOLE ADJUSTMENT, PCC DIAMOND	8 EA	\$2,000.00	\$16,000.00	\$2,500.00	\$20,000.00
25	SUBDRAIN, TYPE 1, 6"	600 LF	\$20.00	\$12,000.00	\$35.00	\$21,000.00
26	SUBDRAIN OUTLETS AND CONNECTIONS, TYPE 1, 6"	2 EA	\$500.00	\$1,000.00	\$650.00	\$1,300.00
27	MANHOLE, SW 401, 48"	3 EA	\$5,000.00	\$15,000.00	\$7,500.00	\$22,500.00
28	MANHOLE, SW 401, 60"	1 EA	\$7,500.00	\$7,500.00	\$12,500.00	\$12,500.00
29	INTAKE, SW 501	19 EA	\$6,500.00	\$123,500.00	\$10,500.00	\$199,500.00
30	INTAKE, SW 501 MOD	1 EA	\$7,000.00	\$7,000.00	\$17,000.00	\$17,000.00
31	INTAKE, SW 502, 48"	6 EA	\$6,500.00	\$39,000.00	\$7,500.00	\$45,000.00
32	INTAKE, SW 502, 60"	1 EA	\$7,500.00	\$7,500.00	\$13,500.00	\$13,500.00
33	INTAKE, SW 505	3 EA	\$8,500.00	\$25,500.00	\$13,500.00	\$40,500.00
34	INTAKE, SW 507	3 EA	\$8,500.00	\$25,500.00	\$14,000.00	\$42,000.00
35	INTAKE, SW 511	1 EA	\$9,500.00	\$9,500.00	\$15,000.00	\$15,000.00
36	INTAKE, SW 511 MOD	2 EA	\$10,500.00	\$21,000.00	\$17,500.00	\$35,000.00
37	CONNECT TO TRENCH DRAIN	1 EA	\$2,500.00	\$2,500.00	\$1,200.00	\$1,200.00
38	CONNECTION TO EXISTING INTAKE/MANHOLE	4 EA	\$3,000.00	\$12,000.00	\$4,500.00	\$18,000.00
39	REMOVE MANHOLE	2 EA	\$1,000.00	\$2,000.00	\$1,250.00	\$2,500.00
40	REMOVE INTAKE	14 EA	\$1,000.00	\$14,000.00	\$1,250.00	\$17,500.00
41	PAVEMENT, PCC, 6"	25 SY	\$110.00	\$2,750.00	\$175.00	\$4,375.00
42	PAVEMENT, PCC, 8"	153 SY	\$135.00	\$20,655.00	\$185.00	\$28,305.00

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT
43	CURB AND GUTTER, PCC, 6", 2'-6" WIDE	5435 LF	\$50.00	\$271,750.00	\$22.00	\$119,570.00
44	CURB AND GUTTER, PCC, 8", 2'-6" WIDE	15 LF	\$80.00	\$1,200.00	\$22.00	\$330.00
45	PAVEMENT, HMA LT, BASE COURSE	1335 TONS	\$120.00	\$160,200.00	\$105.00	\$140,175.00
46	PAVEMENT, HMA LT, SURFACE COURSE	1220 TONS	\$125.00	\$152,500.00	\$107.00	\$130,540.00
47	REMOVAL OF SIDEWALK	876 SY	\$13.00	\$11,388.00	\$12.00	\$10,512.00
48	REMOVAL OF DRIVEWAY	378 SY	\$15.00	\$5,670.00	\$12.00	\$4,536.00
49	SIDEWALK, PCC, 4" THICK	533 SY	\$55.00	\$29,315.00	\$70.00	\$37,310.00
50	SIDEWALK, PCC, 6" THICK	288 SY	\$65.00	\$18,720.00	\$110.00	\$31,680.00
51	DETECTABLE WARNING	502 SF	\$50.00	\$25,100.00	\$55.00	\$27,610.00
52	DRIVEWAY, PCC, 6" THICK	377 SY	\$80.00	\$30,160.00	\$110.00	\$41,470.00
53	DRIVEWAY, PCC, 7" THICK	22 SY	\$85.00	\$1,870.00	\$175.00	\$3,850.00
54	DRIVEWAY, GRANULAR	13 TON	\$50.00	\$650.00	\$34.00	\$442.00
55	PAVEMENT SCARIFICATION	3340 SY	\$25.00	\$83,500.00	\$9.25	\$30,895.00
56	PAVEMENT REMOVAL	7920 SY	\$15.00	\$118,800.00	\$15.00	\$118,800.00
57	REMOVE AND REINSTALL SIGN	34 EA	\$100.00	\$3,400.00	\$150.00	\$5,100.00
58	TRAFFIC CONTROL	1 LS	\$50,000.00	\$50,000.00	\$35,000.00	\$35,000.00
59	HYDRAULIC SEEDING, FERTILIZING AND MULCHING	1 AC	\$15,000.00	\$15,000.00	\$7,500.00	\$7,500.00
60	STORMWATER POLLUTION PREVENTION	1 LS	\$10,000.00	\$10,000.00	\$4,500.00	\$4,500.00
61	FILTER SOCK, 9" DIA	1612 LF	\$3.00	\$4,836.00	\$3.00	\$4,836.00
62	FILTER SOCK REMOVAL	1612 LF	\$2.00	\$3,224.00	\$0.50	\$806.00
63	INLET PROTECTION DEVICE	36 EA	\$200.00	\$7,200.00	\$145.00	\$5,220.00
64	CHAIN LINK FENCE, 48", SALVAGE, REPLACE	30 LF	\$70.00	\$2,100.00	\$75.00	\$2,250.00
65	MODULAR BLOCK RETAINING WALL, SALVAGE, RESTACK	155 SF	\$80.00	\$12,400.00	\$55.00	\$8,525.00
66	LIMESTONE RETAINING WALL, SALVAGE, RESTACK	81 SF	\$80.00	\$6,480.00	\$55.00	\$4,455.00
67	RECYCLED CONCRETE RETAINING WALL, SALVAGE, RESTACK	56 SF	\$80.00	\$4,480.00	\$50.00	\$2,800.00
68	COMBINED CONCRETE SIDEWALK AND RETAINING WALL	7 CY	\$2,000.00	\$14,000.00	\$2,800.00	\$19,600.00
69	CONSTRUCTION STAKING	1 LS	\$35,000.00	\$35,000.00	\$30,000.00	\$30,000.00
70	MOBILIZATION	1 LS	\$731,614.00	\$731,614.00	\$975,000.00	\$975,000.00
71	TREE PROTECTION FENCE, 4' HIGH	90 LF	\$5.00	\$450.00	\$3.50	\$315.00
72	TREE TRUNK PROTECTION	9 EA	\$350.00	\$3,150.00	\$425.00	\$3,825.00
73	TREE TRIMMING	1 EA	\$2,000.00	\$2,000.00	\$4,000.00	\$4,000.00
74	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$7,500.00	\$7,500.00	\$10,000.00	\$10,000.00
75	TEMPORARY MAILBOXES	7 EA	\$500.00	\$3,500.00	\$500.00	\$3,500.00
76	8" TYPE 3 WATER MAIN ALTERATION	2 EA	\$15,000.00	\$30,000.00	\$22,000.00	\$44,000.00
77	6" REMOVE AND REPLACE HYDRANT ASSEMBLY	1 EA	\$16,000.00	\$16,000.00	\$20,000.00	\$20,000.00
78	8" REMOVE AND REPLACE HYDRANT ASSEMBLY	5 EA	\$17,500.00	\$87,500.00	\$21,000.00	\$105,000.00
79	8" REMOVE AND RELOCATE HYDRANT ASSEMBLY	1 EA	\$16,000.00	\$16,000.00	\$24,000.00	\$24,000.00
80	1" WATER SERVICE PARTIAL REPLACEMENT (OPPOSITE SIDE)	14 EA	\$5,000.00	\$70,000.00	\$6,000.00	\$84,000.00
81	FOUNDATION ROCK	20 TON	\$80.00	\$1,600.00	\$50.00	\$1,000.00
82	MANUFACTURED SAND	50 TON	\$80.00	\$4,000.00	\$80.00	\$4,000.00
TOTAL CONSTRUCTION COST				\$3,750,000.00		\$4,609,686.00
PERCENT OF ENGINEER'S ESTIMATE						+22.92%