

BID-TABULATION SHEET

City of Ames Public Works Department - Engineering Division
 2022/23 CONCRETE PAVEMENT IMPROVEMENTS (BROOKRIDGE)

Bidder1
 Mants Inc
 2120 E 13th Street
 Ames, IA 50010

Bidder2
 All Star Concrete, LLC
 4989 NW Johnston Drive
 Johnston, IA 50131

Bidder3
 Shekar Engineering, P.L.C.
 2600 MLK Jr. Pkwy, Ste 200
 Des Moines, IA 50310

NO	DESCRIPTION	Bid Date: 3/8/23				ENGINEER'S ESTIMATE		Bidder1		Bidder2		Bidder3	
		UNITS	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
DIVISION 2-EARTHWORK													
2.01	CLEARING AND GRUBBING	LS	1.00	\$ 1,000.00	\$1,000.00	45000	\$45,000.00	100000	\$100,000.00	35000	\$35,000.00		
2.02	TOPSOIL, ON-SITE	CY	2,252	\$ 10.00	\$22,520.00	88	\$198,176.00	20	\$45,040.00	23.4	\$52,696.80		
2.03	EXCAVATION, CLASS 10, WASTE	CY	4,404	\$ 15.00	\$66,060.00	36	\$158,544.00	15	\$66,060.00	17.55	\$77,290.20		
2.04	EXCAVATION, CORE-OUT	CY	100	\$ 55.00	\$5,500.00	125	\$12,500.00	60	\$6,000.00	70.2	\$7,020.00		
2.05	EARTH SHOULDER FINISHING	STA	95.40	\$ 250.00	\$23,850.00	390	\$37,206.00	350	\$33,990.00	409.5	\$39,066.30		
2.06	SUBGRADE PREPARATION, 12 IN.	SY	21,898.7	\$ 4.00	\$87,594.80	3.85	\$84,310.00	3.15	\$68,980.91	3.69	\$80,806.20		
2.07	SUBGRADE TREATMENT, GEOGRID, RECTANGULAR TYPE 1	SY	10,949.4	\$ 5.00	\$54,747.00	4	\$43,797.60	5	\$54,747.00	5.85	\$64,053.99		
2.08	SPECIAL BACKFILL, 6" DEPTH	SY	21,898.7	\$ 12.50	\$273,733.75	16	\$350,379.20	10.15	\$222,271.81	11.88	\$260,156.56		
DIVISION 3-TRENCH AND TRENCHLESS CONSTRUCTION													
3.01	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	CY	100	\$ 90.00	\$9,000.00	63	\$6,300.00	100	\$10,000.00	75	\$7,500.00		
DIVISION 4-SEWERS AND DRAINS													
4.01	SANITARY SEWER GRAVITY MAIN, TRENCHED, 8 IN. PVC	LF	60	\$ 500.00	\$30,000.00	142	\$8,520.00	140	\$8,400.00	119.9	\$7,194.00		
4.02	STORM SEWER, TRENCHED, 15 IN. RCP 2000D	LF	703.9	\$ 115.00	\$80,948.50	142	\$99,953.80	140	\$98,546.00	105.27	\$74,099.55		
4.03	STORM SEWER, TRENCHED, 18 IN. RCP 2000D	LF	364.3	\$ 130.00	\$47,359.00	147	\$53,552.10	142	\$51,730.60	115.7	\$42,149.51		
4.04	REMOVAL OF STORM SEWER, RCP LESS THAN 36 IN.	LF	786	\$ 35.00	\$27,510.00	47.25	\$37,138.50	50	\$39,300.00	35	\$27,510.00		
4.05	STORM SEWER ABANDONMENT, PLUG	EA	1.0	\$ 1,000.00	\$1,000.00	1155	\$1,155.00	1100	\$1,100.00	1500	\$1,500.00		
4.06	SUBDRAIN, TYPE 1, CASE A, 6 IN.	LF	1,197.9	\$ 14.00	\$16,770.60	45	\$53,905.50	18	\$21,562.20	25.69	\$30,774.05		
4.07	SUBDRAIN, TYPE 1, CASE C, 6 IN.	LF	8,032.8	\$ 14.00	\$112,459.20	45	\$361,476.00	18	\$144,590.40	25.69	\$206,362.63		
4.08	SUBDRAIN CLEANOUT, 6 IN.	EA	22	\$ 1,000.00	\$22,000.00	1100	\$24,200.00	450	\$9,900.00	672.8	\$14,801.60		
4.09	SUBDRAIN OUTLETS AND CONNECTIONS, INTO STRUCTURE, 6 IN.	EA	37	\$ 450.00	\$16,650.00	1100	\$40,700.00	500	\$18,500.00	390.4	\$14,444.80		
4.10	SUBDRAIN OUTLETS AND CONNECTIONS, DOWNSPOUT, 6 IN.	EA	4	\$ 150.00	\$600.00	1100	\$4,400.00	450	\$1,800.00	419.65	\$1,678.60		
4.11	REPLACE SANITARY SEWER SERVICE CONNECTION WYE	EA	62	\$ 2,500.00	\$155,000.00	3150	\$195,300.00	3800	\$235,600.00	619.99	\$38,439.38		
DIVISION 5-WATER MAINS AND APPURTENANCES													
5.01	WATER MAIN, TRENCHED, PVC, 8 IN.	LF	342	\$ 115.00	\$39,330.00	121	\$41,382.00	125	\$42,750.00	129.45	\$44,271.90		
5.02	WATER MAIN, TRENCHLESS, PVC, 8 IN.	LF	1,166	\$ 160.00	\$186,560.00	142	\$165,572.00	140	\$163,240.00	131.82	\$153,702.12		
5.03	WATER MAIN WITH CASING PIPE, TRENCHLESS, PVC, 8 IN.	LF	101	\$ 1,000.00	\$101,000.00	520	\$52,520.00	495	\$49,995.00	370.9	\$37,460.90		
5.04	FITTINGS, DI CAP, 8"	EA	2	\$ 550.00	\$1,100.00	253	\$506.00	241	\$482.00	475.5	\$951.00		
5.05	FITTINGS, DI CROSS, 8" X 8"	EA	1	\$ 1,500.00	\$1,500.00	1163	\$1,163.00	1012	\$1,012.00	820.65	\$820.65		
5.06	FITTINGS, DI BEND, 90 DEG, 6"	EA	2	\$ 700.00	\$1,400.00	1076	\$2,152.00	1024	\$2,048.00	563.25	\$1,126.50		
5.07	FITTINGS, DI REDUCER, 8" X 6"	EA	1	\$ 550.00	\$550.00	439	\$439.00	418	\$418.00	1078.05	\$1,078.05		
5.08	FITTINGS, DI BEND, 45 DEG, 8"	EA	12	\$ 1,100.00	\$13,200.00	431	\$5,172.00	411	\$4,932.00	633.45	\$7,601.40		
5.09	FITTINGS, DI TEE, 8" X 8"	EA	2	\$ 1,000.00	\$2,000.00	793	\$1,586.00	755	\$1,510.00	855.75	\$1,711.50		
5.10	FITTINGS, DI TEE, 12" X 8"	EA	2	\$ 1,200.00	\$2,400.00	1185	\$2,370.00	1128	\$2,256.00	1958.48	\$3,916.96		
5.11	FITTINGS, DI CROSS, 8" X 6"	EA	1	\$ 1,250.00	\$1,250.00	973	\$973.00	926	\$926.00	890.85	\$890.85		
5.12	WATER SERVICE STUB, COPPER, 1", TYPE "A"	EA	17	\$ 5,500.00	\$93,500.00	5775	\$98,175.00	5500	\$93,500.00	1400.93	\$23,815.81		
5.13	WATER SERVICE STUB, COPPER, 1", TYPE "B"	EA	20	\$ 3,850.00	\$77,000.00	5775	\$115,500.00	5500	\$110,000.00	1398.94	\$27,978.80		
5.14	WATER SERVICE STUB, COPPER, 1", TYPE "C"	EA	2	\$ 3,190.00	\$6,380.00	5250	\$10,500.00	5000	\$10,000.00	1498.89	\$2,997.78		
5.15	WATER SERVICE STUB, COPPER, 1", TYPE "D"	EA	3	\$ 2,750.00	\$8,250.00	5250	\$15,750.00	5000	\$15,000.00	1366.19	\$4,098.57		
5.16	WATER SERVICE INSTALLATION INSIDE HOUSE	EA	37	\$ 1,750.00	\$64,750.00	630	\$23,310.00	600	\$22,200.00	1500	\$55,500.00		
5.17	VALVE, DIP, 6"	EACH	1	\$ 2,000.00	\$2,000.00	1711	\$1,711.00	1629	\$1,629.00	1973.1	\$1,973.10		
5.18	VALVE, DIP, 8"	EACH	7	\$ 2,700.00	\$18,900.00	2313	\$16,191.00	2250	\$15,750.00	2581.5	\$18,070.50		
5.19	VALVE, DIP, 12"	EACH	2	\$ 4,250.00	\$8,500.00	3978	\$7,956.00	3788	\$7,576.00	4348.2	\$8,696.40		
5.20	FIRE HYDRANT ASSEMBLY	EACH	2	\$ 7,000.00	\$14,000.00	8703	\$17,406.00	8290	\$16,580.00	8806.3	\$17,612.60		
5.21	FIRE HYDRANT ADJUSTMENT	EACH	2	\$ 1,000.00	\$2,000.00	762	\$1,524.00	725	\$1,450.00	1712.15	\$3,424.30		
5.22	FIRE HYDRANT ASSEMBLY REMOVAL	EACH	1	\$ 1,200.00	\$1,200.00	1260	\$1,260.00	1500	\$1,500.00	1250	\$1,250.00		
5.23	FIRE HYDRANT CONNECTION TO WATER MAIN	EACH	1	\$ 1,500.00	\$1,500.00	8465	\$8,465.00	8061	\$8,061.00	1750	\$1,750.00		
DIVISION 6-STRUCTURES FOR SANITARY AND STORM SEWERS													
6.01	MANHOLE, SW-301, SW-601 TYPE 'A' CASTING, 48 IN.	EA	13	\$ 7,000.00	\$91,000.00	9450	\$122,850.00	7310	\$95,030.00	6144.08	\$79,873.04		
6.02	MANHOLE, SW-401, 48 IN.	EA	4	\$ 7,000.00	\$28,000.00	9240	\$36,960.00	18750	\$75,000.00	6281.15	\$25,124.60		
6.03	INTAKE, SW-501	EA	14	\$ 5,000.00	\$70,000.00	5250	\$73,500.00	5000	\$70,000.00	4398.58	\$61,580.12		
6.04	INTAKE, SW-507	EA	10	\$ 6,500.00	\$65,000.00	5250	\$52,500.00	5600	\$56,000.00	6132.85	\$61,328.50		
6.05	MANHOLE ADJUSTMENT, MINOR	EA	1	\$ 3,000.00	\$3,000.00	2310	\$2,310.00	900	\$900.00	1521.65	\$1,521.65		
6.06	CONNECTION TO EXISTING PIPE, CULVERT, STRUCTURE	EA	18	\$ 2,000.00	\$36,000.00	1470	\$26,460.00	1400	\$25,200.00	1750	\$31,500.00		
6.07	REMOVE MANHOLE	EA	17	\$ 600.00	\$10,200.00	1260	\$21,420.00	14400	\$244,800.00	2750	\$46,750.00		
6.08	REMOVE INTAKE	EA	24	\$ 600.00	\$14,400.00	1155	\$27,720.00	1190	\$28,560.00	3250	\$78,000.00		
DIVISION 7-STREETS AND RELATED WORK													
7.01	PAVEMENT, PCC, 7 IN.	SY	1,711.8	\$ 60.00	\$102,708.00	82.5	\$141,223.50	82	\$140,367.60	89.9	\$153,890.82		
7.02	PAVEMENT, HMA, 4 IN. ST BASE COURSE, 3/4 IN. MIX, PG58-28S	SY	255.7	\$ 26.00	\$6,648.20	38	\$9,716.60	43.7	\$11,174.09	175	\$44,747.50		
7.03	PAVEMENT, HMA, 3 IN. ST INTERMEDIATE COURSE, 1/2 IN. MIX, PG58-28S	SY	255.7	\$ 18.00	\$4,602.60	29	\$7,415.30	33.35	\$8,527.60	170	\$43,469.00		
7.04	PAVEMENT, HMA, 2 IN. ST SURFACE COURSE, 1/2 IN. MIX, PG58-28S	SY	255.7	\$ 13.00	\$3,324.10	21	\$5,369.70	24.15	\$6,175.16	165	\$42,190.50		
7.05	HMA RAILROAD CROSSING APPROACH	SY	46.2	\$ 300.00	\$13,860.00	450	\$20,790.00	520	\$24,024.00	175	\$8,085.00		
7.06	REMOVAL OF DRIVEWAY AND SIDEWALK	SY	1,464.4	\$ 17.00	\$24,894.80	29	\$42,467.60	19	\$27,823.60	17.55	\$25,700.22		
7.07	DETECTABLE WARNING	SF	181	\$ 50.00	\$9,050.00	46	\$8,326.00	55	\$9,955.00	60	\$10,860.00		
7.08	DRIVEWAY, TYPE A, PCC, 6 IN. AND SIDEWALK, PCC, 6 IN.	SY	1,718.9	\$ 90.00	\$154,701.00	99	\$170,171.10	56	\$96,258.40	87.48	\$150,369.37		
7.09	PAVEMENT REMOVAL	SY	18,135.4	\$ 10.00	\$181,354.00	16	\$290,166.40	11	\$199,489.40	11.7	\$212,184.18		
DIVISION 8-TRAFFIC CONTROL													
8.01	PAINTED PAVEMENT MARKINGS, HIGH-BUILD	STA	6.54	\$ 400.00	\$2,616.00	550	\$3,597.00	500	\$3,270.00	585	\$232,825.90		

BID-TABULATION SHEET

City of Ames Public Works Department - Engineering Division
2022/23 CONCRETE PAVEMENT IMPROVEMENTS (BROOKRIDGE)

Bidder1 Mants Inc 2120 E 13th Street Ames, IA 50010	Bidder2 All Star Concrete,LLC 4989 NW Johnston Drive Johnston, IA 50131	Bidder3 Shekar Engineering, P.L.C. 2600 MLK Jr. Pkwy, Ste 200 Des Moines, IA 50310
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NO	DESCRIPTION	Bid Date: 3/8/23				ENGINEER'S ESTIMATE					
		UNITS	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
8.02	PAINTED SYMBOLS AND LEGENDS, HIGH-BUILD	EA	2	\$ 400.00	\$800.00	385	\$770.00	350	\$700.00	409.5	\$819.00
8.03	GROOVES CUT FOR PAVEMENT MARKINGS	STA	6.54	\$ 100.00	\$654.00	550	\$3,597.00	500	\$3,270.00	585	\$3,825.90
8.04	GROOVES CUT FOR SYMBOLS AND LEGENDS	EA	2	\$ 250.00	\$500.00	385	\$770.00	350	\$700.00	409.5	\$819.00
8.05	TEMPORARY TRAFFIC CONTROL	LS	1.00	\$ 40,000.00	\$40,000.00	46090	\$46,090.00	41900	\$41,900.00	49023	\$49,023.00
8.06	TEMPORARY ORANGE MESH SAFETY FENCE	LF	2,100	\$ 12.00	\$25,200.00	5.5	\$11,550.00	15	\$31,500.00	7.5	\$15,750.00
DIVISION 9-SITE WORK AND LANDSCAPING											
9.01	FILTER SOCK, 9 IN.	LF	8619.6	\$ 6.00	\$51,717.60	2.3	\$19,825.08	2	\$17,239.20	2.34	\$20,169.86
9.02	FILTER SOCK, REMOVAL	LF	8619.6	\$ 1.00	\$8,619.60	0.35	\$3,016.86	0.25	\$2,154.90	0.29	\$2,499.68
9.03	INLET PROTECTION DEVICE	EA	42	\$ 200.00	\$8,400.00	176	\$7,392.00	200	\$8,400.00	234	\$9,828.00
9.04	INLET PROTECTION DEVICE, MAINTENANCE	EA	42	\$ 50.00	\$2,100.00	22	\$924.00	25	\$1,050.00	29.25	\$1,228.50
DIVISION 11-MISCELLANEOUS											
11.01	CONSTRUCTION SURVEY	LS	1.00	\$ 40,000.00	\$40,000.00	37950	\$37,950.00	34500	\$34,500.00	60800	\$60,800.00
11.02	MOBILIZATION	LS	1.00	\$ 300,000.00	\$300,000.00	90000	\$90,000.00	573500	\$573,500.00	166140	\$166,140.00
11.03	MAINTENANCE OF SOLID WASTE COLLECTION	EA	13.00	\$ 500.00	\$6,500.00	2875	\$37,375.00	3750	\$48,750.00	750	\$9,750.00
11.04	CONCRETE WASHOUT	LS	1.00	\$ 8,000.00	\$8,000.00	10000	\$10,000.00	9300	\$9,300.00	10881	\$10,881.00
11.05	PEDESTRIAN FACILITY CONSTRUCTION SURVEY	LS	1.00	\$ 7,500.00	\$7,500.00	12100	\$12,100.00	4780	\$4,780.00	10000	\$10,000.00
11.06	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR UNION PACIFIC RAILROAD CO.	LS	1.00	\$ 35,000.00	\$35,000.00	26500	\$26,500.00	50000	\$50,000.00	23400	\$23,400.00
SUBTOTAL BASE BID											
ALTERNATE 1 - 8 IN. PCC PAVEMENT											
20.01	PAVEMENT, PCC, 8 IN.	SY	16362.8	\$70	\$1,145,396.00	0	\$0.00	93	\$1,521,740.40	75.42	\$1,234,082.38
TOTAL ALTERNATE 1											
TOTAL BASE BID+ALTERNATE 1											
ALTERNATE 2 - 9 IN. HMA PAVEMENT WITH CURB AND GUTTER											
30.01	EXCAVATION, CLASS 10, WASTE, 1"	CY	608	\$ 15.00	\$9,120.00	36	\$21,888.00		\$0.00	17.55	\$10,670.40
30.02	CURB AND GUTTER, 2.5 FT., 9 IN.	LF	8,895	\$ 42.00	\$373,590.00	45	\$400,275.00		\$0.00	52.5	\$466,987.50
30.03	PAVEMENT, 4 IN. HMA ST BASE COURSE, 3/4 IN. MIX, PG58-28S	SY	13,969.1	\$ 26.00	\$363,196.60	28	\$391,134.80		\$0.00	27.1	\$378,562.61
30.04	PAVEMENT, 3 IN. HMA ST INTERMEDIATE COURSE, 1/2 IN. MIX, PG58-28S	SY	13,969.1	\$ 18.00	\$251,443.80	23	\$321,289.30		\$0.00	22.04	\$307,878.96
30.05	PAVEMENT, 2 IN. HMA ST SURFACE COURSE, 1/2 IN. MIX, PG58-28S	SY	13,969.1	\$ 13.00	\$181,598.30	17	\$237,474.70		\$0.00	15.76	\$220,153.02
TOTAL ALTERNATE 2											
TOTAL BASE BID+ALTERNATE 2											