

BID-TABULATION SHEET

City of Ames Public Works Department - Engineering Division
 2018/19 COLLECTOR STREET PAVEMENT IMPROVEMENTS (HICKORY DRIVE)

Manatt's Inc
 2120 E 13th Street
 Ames, IA 50010
 Con-Struct Inc.
 305 S Dayton Avenue
 Ames, IA 50010
 Absolute Concrete
 P.O. Box 148
 Slater, IA 500244
 Keller Excavating
 1133 155th Street
 Boone, IA 50036

NO	DESCRIPTION	Bid Date: 4/17/19		ENGINEER'S ESTIMATE		Manatt's Inc		Con-Struct Inc.		Absolute Concrete		Keller Excavating	
		UNITS	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
					\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
	<i>Division 2 - Earthwork</i>	CY	110	55	\$6,050.00	60	\$6,600.00	150	\$16,500.00	66	\$7,260.00	65	\$7,150.00
2.1	Topsoil, Off-site, 4" Depth	CY	1454	80	\$116,320.00	18.15	\$26,390.10	40	\$58,160.00	20	\$29,080.00	20	\$29,080.00
2.2	Excavation, Class 10	CY	1224	30	\$36,720.00	25	\$30,600.00	10	\$12,240.00	27.5	\$33,660.00	28	\$34,272.00
2.3	Excavate Unsuitable Subgrade, 12" Depth	SY	6121	4.25	\$26,014.25	3	\$18,363.00	6	\$36,726.00	3.5	\$21,423.50	4	\$24,484.00
2.4	Subgrade Preparation, 12" Depth	SY	1224	4	\$4,896.00	2.25	\$2,754.00	4	\$4,896.00	2.5	\$3,060.00	3	\$3,672.00
2.5	Subgrade Treatment, Geogrid	SY	6121	10	\$61,210.00	8.5	\$52,028.50	10	\$61,210.00	9.3	\$56,925.30	10	\$61,210.00
2.6	Special Backfill, 6" Depth				\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
					\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
	<i>Division 4 - Sewers and Drains</i>				\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
4.1	Removal of Sanitary Sewer, Clay, 8"	LF	13	24	\$312.00	532	\$6,916.00	550	\$7,150.00	27	\$351.00	25	\$325.00
4.2	Storm Sewer, Trenched, RCP, 12" dia.	LF	199	90	\$17,910.00	113.5	\$22,586.50	120	\$23,880.00	132	\$26,268.00	122	\$24,278.00
4.3	Storm Sewer, Trenched, RCP, 18" dia.	LF	27	150	\$4,050.00	209	\$5,643.00	220	\$5,940.00	140	\$3,780.00	130	\$3,510.00
4.4	Removal of Storm Sewer, any type or size	LF	56	24	\$1,344.00	48.5	\$2,716.00	50	\$2,800.00	32	\$1,792.00	30	\$1,680.00
4.5	Storm Sewer Abandonment, Fill and Plug	LF	143	25	\$3,575.00	23.7	\$3,389.10	25	\$3,575.00	108	\$15,444.00	100	\$14,300.00
4.6	Footing Drain Collector and Fittings, PVC, 6" dia.	LF	2911	16	\$46,576.00	14.75	\$42,937.25	20	\$58,220.00	17	\$49,487.00	16	\$46,576.00
4.7	Footing Drain Cleanout, PVC, 6" dia.	EA	11	525	\$5,775.00	330	\$3,630.00	500	\$5,500.00	648	\$7,128.00	600	\$6,600.00
4.8	Footing Drain Outlets and Connections, PVC, 6" dia.	EA	11	325	\$3,575.00	250	\$2,750.00	600	\$6,600.00	1080	\$11,880.00	1000	\$11,000.00
4.9	Building Sanitary Sewer Service Reconnection	EA	8	2000	\$16,000.00	2660	\$21,280.00	2750	\$22,000.00	4320	\$34,560.00	4000	\$32,000.00
4.10	Spot Repairs by Pipe Replacement	EA	9	2300	\$20,700.00	8850	\$79,650.00	9000	\$81,000.00	8640	\$77,760.00	8000	\$72,000.00
4.11	Spot Repairs by Pipe Replacement	LF	116	200	\$23,200.00	251	\$29,116.00	260	\$30,160.00	648	\$75,168.00	600	\$69,600.00
					\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
	<i>Division 5 - Water Mains and Appurtenances</i>				\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
5.1	Water Main trenched, PVC, 8" dia.	LF	1715	55	\$94,325.00	85.5	\$146,632.50	90	\$154,350.00	97	\$166,355.00	90	\$154,350.00
5.2	Water Main trenched, PVC, 6" dia.	LF	35	75	\$2,625.00	88.6	\$3,101.00	86	\$3,010.00	91	\$3,185.00	85	\$2,975.00
5.3	Water Main trenched, PVC, 4" dia.	LF	4	100	\$400.00	84.5	\$338.00	82	\$328.00	108	\$432.00	100	\$400.00
5.4	Fitting, 12" x 8" Tapping Valve Assembly	EA	1	500	\$500.00	7530	\$7,530.00	8000	\$8,000.00	5600	\$5,600.00	5100	\$5,100.00
5.5	Fitting, 8"x6"x8" Tee	EA	5	475	\$2,375.00	1576	\$7,880.00	1530	\$7,650.00	970	\$4,850.00	900	\$4,500.00
5.5	Fitting, 8"x8"x8" Tee	EA	2	500	\$1,000.00	1617	\$3,234.00	1570	\$3,140.00	1080	\$2,160.00	1000	\$2,000.00
5.6	Fitting, 90 deg. Bend, 8" dia.	EA	2	375	\$750.00	936	\$1,872.00	908	\$1,816.00	864	\$1,728.00	800	\$1,600.00
5.7	Fitting, 90 deg. Bend, 6" dia.	EA	5	350	\$1,750.00	618	\$3,090.00	600	\$3,000.00	864	\$4,320.00	800	\$4,000.00
5.8	Fitting, 11 1/4 deg. Bend, 8" dia.	EA	1	400	\$400.00	730	\$730.00	708	\$708.00	864	\$864.00	800	\$800.00
5.9	Fitting, 22 1/2 deg. Bend, 8" dia.	EA	3	400	\$1,200.00	629	\$1,887.00	610	\$1,830.00	864	\$2,592.00	800	\$2,400.00
5.10	Fitting, 45 deg. Bend, 8" dia.	EA	3	375	\$1,125.00	629	\$1,887.00	610	\$1,830.00	864	\$2,592.00	800	\$2,400.00
5.11	Fitting, 8"x6" Reducer	EA	1	400	\$400.00	438	\$438.00	425	\$425.00	864	\$864.00	800	\$800.00
5.12	Fitting, 6"x4" Reducer	EA	1	400	\$400.00	412	\$412.00	400	\$400.00	864	\$864.00	800	\$800.00
5.13	Fitting, 6" Cap	EA	5	250	\$1,250.00	515	\$2,575.00	500	\$2,500.00	1080	\$5,400.00	1000	\$5,000.00
5.14	Fitting, 8" x 2' Spool	EA	5	400	\$2,000.00	474	\$2,370.00	460	\$2,300.00	540	\$2,700.00	500	\$2,500.00
5.15	Fitting, 4" PVC to Existing 4" Connection	EA	1	500	\$500.00	760	\$760.00	737	\$737.00	4320	\$4,320.00	4000	\$4,000.00
5.16	Water Service Stub, Copper, 1" dia., Type 'A'	EA	0	3500	\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
5.17	Water Service Stub, Copper, 1" dia., Type 'B'	EA	0	3500	\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
5.18	Water Service Stub, Copper, 1" dia., Type 'C'	EA	14	3300	\$46,200.00	2147	\$30,058.00	2200	\$30,800.00	4536	\$63,504.00	4200	\$58,800.00
5.19	Water Service Stub, Copper, 1" dia., Type 'D'	EA	20	2500	\$50,000.00	1607	\$32,140.00	1700	\$34,000.00	5400	\$108,000.00	5000	\$100,000.00
5.20	Valve, Gate, 6" dia.	EA	1	2000	\$2,000.00	1432	\$1,432.00	1500	\$1,500.00	1296	\$1,296.00	1200	\$1,200.00
5.21	Valve, Gate, 8" dia.	EA	8	1800	\$14,400.00	1695	\$13,560.00	1750	\$14,000.00	1620	\$12,960.00	1500	\$12,000.00
5.22	Fire Hydrant Assembly, 6" barrel	EA	4	5000	\$20,000.00	4320	\$17,280.00	4500	\$18,000.00	4320	\$17,280.00	4000	\$16,000.00
5.23	Fire Hydrant Assembly Removal	EA	3	1000	\$3,000.00	1751	\$5,253.00	1800	\$5,400.00	540	\$1,620.00	50	\$1,500.00
5.24	Valve Removal	EA	3	1000	\$3,000.00	1746	\$5,238.00	1800	\$5,400.00	2160	\$6,480.00	2000	\$6,000.00
5.25	Valve Box Removal	EA	5	500	\$2,500.00	292	\$1,460.00	300	\$1,500.00	648	\$3,240.00	600	\$3,000.00
5.26	Abandon Valve Box	EA	1	500	\$500.00	277	\$277.00	300	\$300.00	1080	\$1,080.00	1000	\$1,000.00
5.27	Abandon Main, any size	EA	6	1000	\$6,000.00	1164	\$6,984.00	1300	\$7,800.00	3240	\$19,440.00	3000	\$18,000.00
					\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
	<i>Division 6 - Structures for Sanitary and Storm Sewer</i>				\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
6.1	Manhole Type SW-301, 48" dia.	EA	6	5500	\$33,000.00	14008	\$84,048.00	14000	\$84,000.00	8100	\$48,600.00	7500	\$45,000.00
6.2	Manhole Type SW-401, 48" dia.	EA	1	5000	\$5,000.00	7153	\$7,153.00	8000	\$8,000.00	6696	\$6,696.00	6200	\$6,200.00
6.3	Intake Type SW-503	EA	1	4400	\$4,400.00	14540	\$14,540.00	15000	\$15,000.00	9720	\$9,720.00	9000	\$9,000.00
6.4	Intake Type SW-505	EA	3	5000	\$15,000.00	6381	\$19,143.00	7000	\$21,000.00	6480	\$19,440.00	6000	\$18,000.00
6.5	Intake Type SW-506	EA	1	7000	\$7,000.00	25620	\$25,620.00	26000	\$26,000.00	19440	\$19,440.00	18000	\$18,000.00
6.6	Manhole Adjustment, Minor	EA	1	1500	\$1,500.00	1500	\$1,500.00	1200	\$1,200.00	1620	\$1,620.00	1500	\$1,500.00
6.7	Remove Manhole	EA	6	1000	\$6,000.00	1270	\$7,620.00	1300	\$7,800.00	864	\$5,184.00	800	\$4,800.00
6.8	Remove Intake	EA	5	500	\$2,500.00	1290	\$6,450.00	1400	\$7,000.00	756	\$3,780.00	700	\$3,500.00
					\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
	<i>Division 7 - Streets and Related Work</i>				\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
7.2	Curb & Gutter, 30" width, 12" thick @ BOC	LF	14	42	\$588.00	28	\$392.00	50	\$700.00	175	\$2,450.00	85	\$1,190.00
7.3	Removal of Curb	LF	14	20	\$280.00	20	\$280.00	30	\$420.00	20	\$280.00	25	\$350.00
7.4	Removal of Sidewalk/Shared Use Path/Driveway	SY	583.1	12	\$6,997.20	7	\$4,081.70	10	\$5,831.00	15	\$8,746.50	12	\$6,997.20
7.5	Sidewalk, PCC, 6" depth	SY	69.3	65	\$4,504.50	70	\$4,851.00	50	\$3,465.00	125	\$8,662.50	80	\$5,544.00
7.6	Detectable Warning	SF	10	35	\$350.00	24	\$240.00	50	\$500.00	58	\$580.00	35	\$350.00
7.8	Driveway, Paved, PCC, 6" depth	SY	612	65	\$39,780.00	46	\$28,152.00	50	\$30,600.00	65	\$39,780.00	65	\$39,780.00
7.9	Pavement Removal	SY	5423.4	15	\$81,351.00	6	\$32,540.40	10	\$54,234.00	8	\$43,387.20	9	\$48,810.60
					\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
	<i>Division 8 - Traffic Control</i>				\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
8.1	Temporary Traffic Control	LS	1	15000	\$15,000.00	3000	\$3,000.00	20000	\$20,000.00	3175	\$3,175.00	4000	\$4,000.00
					\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
	<i>Division 9 - Sitework and Landscaping</i>				\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
9.1	Conventional Seeding, Seeding, Fertilizing, and Mulching CC: Project Engineer, PW Mgmt. Asst., Finance, Contractor	AC	0.4	4000	\$1,600.00	3412	\$1,364.80	3500	\$1,400.00	3250	\$1,300.00	6400	\$2,560.00

BID-TABULATION SHEET

City of Ames Public Works Department - Engineering Division
 2018/19 COLLECTOR STREET PAVEMENT IMPROVEMENTS (HICKORY DRIVE)

Manatt's Inc 2120 E 13th Street Ames, IA 50010	Con-Struct Inc. 305 S Dayton Avenue Ames, IA 50010	Absolute Concrete P.O. Box 148 Slater, IA 500244	Keller Excavating 1133 155th Street Boone, IA 50036
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NO	DESCRIPTION	Bid Date: 4/17/19		ENGINEER'S ESTIMATE		Manatt's Inc		Con-Struct Inc.		Absolute Concrete		Keller Excavating	
		UNITS	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
9.2	Wattles, 9"	LF	3000	3.5	\$10,500.00	3.15	\$9,450.00	4	\$12,000.00	3	\$9,000.00	3	\$9,000.00
9.3	Inlet Protection Device	EA	4	500	\$2,000.00	126	\$504.00	150	\$600.00	120	\$480.00	320	\$1,280.00
9.4	Inlet Protection Device, Maintenance	EA	8	100	\$800.00	26.25	\$210.00	30	\$240.00	25	\$200.00	60	\$480.00
					\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
	<i>Division 11 - Miscellaneous</i>				\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
11.1	Construction Survey/Staking	LS	1	8000	\$8,000.00	8379	\$8,379.00	20000	\$20,000.00	17000	\$17,000.00	9000	\$9,000.00
11.2	Pedestrian Facility Construction Survey/Staking	LS	1	3000	\$3,000.00	400	\$400.00	8000	\$8,000.00	2000	\$2,000.00	800	\$800.00
11.3	Mobilization	LS	1	60000	\$60,000.00	50000	\$50,000.00	140000	\$140,000.00	75000	\$75,000.00	18000	\$18,000.00
11.4	Concrete Washout	LS	1	4000	\$4,000.00	2000	\$2,000.00	8000	\$8,000.00	3000	\$3,000.00	2500	\$2,500.00
	SUBTOTAL BASE BID				\$969,147.95		\$967,686.85		\$1,223,271.00		\$1,228,274.00		\$1,108,153.80

BASE BID + ALTERNATE A (CONCRETE)

Division 2 - Earthwork

7.1	Pavement,PCC, 8" Depth	SY	5465	65	355,225.00	N/A		66	3,600,690.00	69.75	381,183.75	61	333,365.00
	SUBTOTAL, ALTERNATE A				355,225.00								
	SUBTOTAL, BASE BID				969,147.95								
	BASE BID + ALTERNATE A				1,324,372.95								
	ENGINEERING (15%)				199,630.94								
	CONTINGENCY (12%)				159,704.75								
	TOTAL BASE BID + ALTERNATE A				1,683,708.64				1,583,961		1,609,457.75		\$1,441,518.80
													1,441,518.80

BASE BID + ALTERNATE B (ASPHALT)

Division 2 - Earthwork

2.2	Excavation, Class 10, 1" Depth	cy	180	100.00	18,000.00	18.15	3267 N/A			N/A		21	3780
	<i>Division 7 - Streets and Related Work</i>												
7.2	Curb & Gutter, 30" width, 12" thick @ BOC	lf	3254.00	42.00	136,668.00	17	55318 N/A			N/A		20	63,080
7.10	Pavement, HMA, 3/4" Mix, 5" Depth, Base	ton	1282.00	60.00	76,920.00	84	107,688.00 N/A			N/A		96.5	123,713.00
7.11	Pavement, HMA, 1/2" Mix, 2" Depth, Intermediate	ton	513.00	65.00	33,345.00	86	44,188.00 N/A			N/A		99	50,787
7.12	Pavement, HMA, 1/2" Mix, 2" Depth, Surface	ton	513.00	65.00	33,345.00	86	44,118.00 N/A			N/A		99	50,787
	SUBTOTAL, ALTERNATE B				298,278.00								
	SUBTOTAL, BASE BID				969,147.95								
	BASE BID + ALTERNATE B				1,267,425.95								
	ENGINEERING (15%)				191,088.89								
	CONTINGENCY (12%)				152,871.11								
	TOTAL BASE BID + ALTERNATE B				1,611,385.95		1,222,195.05						\$1,400,300.80
													1,733,665.80