

QUOTATION SHEET

City of Ames Public Works Department - Engineering Division
 Asphalt Street Pavement Improvements & 2016 Water System Improvements Program #2

Bidder1
 Manatts Inc.
 2120 E 13th Street
 Ames, IA 50010

DESCRIPTION	Bid Date: 3/1/17		ENGINEER'S ESTIMATE		BIDDER'S ESTIMATE	
	UNITS	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
BASE BID						
Division 1 - General						
Traffic Control	ls	1	20000	\$20,000.00	11000	\$11,000.00
Division 2 - Earthwork						
Topsoil, 4" Depth	cy	90	75	\$6,750.00	86	\$7,740.00
Excavation, Class 10, 6"/11" Depth	cy	2293.4	20	\$45,868.00	22	\$50,454.80
Excavation, Unsuitable Soil, 12" Depth	sy	647.1	5	\$3,235.50	27	\$17,471.70
Subgrade Preparation, 12" Depth	sy	4889.9	5	\$24,449.50	3.5	\$17,114.65
Special Backfill, 6" Depth	sy	11063.8	15	\$165,957.00	9.25	\$102,340.15
Subgrade Treatment, Geogrid, Type 1	sy	6173.9	3.5	\$21,608.65	2.75	\$16,978.23
Division 5 - Water Mains and Appurtenances						
Water Main, Trenched, PVC, 8" dia.	lf	899.5	55	\$49,472.50	44	\$39,578.00
Water Main, Trenched, PVC, 10" dia.	lf	5	75	\$375.00	110	\$550.00
Water Main, Trenched, PVC, 6" dia.	lf	30	55	\$1,650.00	99	\$2,970.00
Water Main, Trenchless, PVC, 8" dia.	lf	2473	150	\$370,950.00	94	\$232,462.00
Fitting, 8"x8"x8"x8" Cross	ea	2	1000	\$2,000.00	440	\$880.00
Fitting, 10"x8"x10" Tee	ea	1	850	\$850.00	495	\$495.00
Fitting, 8"x8"x8" Tee	ea	1	750	\$750.00	418	\$418.00
Fitting, 8"x6"x8" Tee	ea	11	500	\$5,500.00	440	\$4,840.00
Fitting, 8"x6" Reducer	ea	7	250	\$1,750.00	385	\$2,695.00
Fitting, 45 deg Bend, 8" dia.	ea	2	500	\$1,000.00	275	\$550.00
Fitting, 22-1/2 deg Bend, 8" dia.	ea	5	500	\$2,500.00	275	\$1,375.00
Fitting, 11-1/4 deg Bend, 8" dia.	ea	12	500	\$6,000.00	275	\$3,300.00
Fitting, 90 deg Bend, 6" dia.	ea	7	500	\$3,500.00	275	\$1,925.00
Fitting, 45 deg Bend, 6" dia.	ea	1	500	\$500.00	275	\$275.00
Fitting, 22-1/2 deg Bend, 6" dia.	ea	0	500	\$0.00	275	\$0.00
Fitting, Pipe Cap, 8"	ea	2	500	\$1,000.00	330	\$660.00
Water Service Stub, Copper, 1" dia., Type 'A'	ea	0	4000	\$0.00		\$0.00
Water Service Stub, Copper, 1" dia., Type 'B'	ea	0	3800	\$0.00		\$0.00
Water Service Stub, Copper, 1" dia., Type 'C'	ea	27	3500	\$94,500.00	3850	\$103,950.00
Water Service Stub, Copper, 1" dia., Type 'D'	ea	21	3300	\$69,300.00	3300	\$69,300.00
Valve, Gate, 8" dia.	ea	17	1800	\$30,600.00	1320	\$22,440.00
Valve, Gate, 6" dia.	ea	1	1500	\$1,500.00	1100	\$1,100.00
Fire Hydrant Assembly, 6" barrel	ea	12	5000	\$60,000.00	4400	\$52,800.00
Abandon Valve	ea	6	1000	\$6,000.00	880	\$5,280.00
Abandon Main, any size	ea	8	2000	\$16,000.00	3850	\$30,800.00
Remove Existing Hydrant Assembly	ea	10	1000	\$10,000.00	550	\$5,500.00
Division 6 - Structures for Sanitary and Storm Sewer						
Manhole Type SW-301, 48" dia.	ea	5	7500	\$37,500.00	8850	\$44,250.00
Intake Type SW-501	ea	2	3500	\$7,000.00	2900	\$5,800.00
Intake Type SW-504	ea	4	3500	\$14,000.00	5500	\$22,000.00
Manhole Adjustment, Minor	ea	14	1500	\$21,000.00	1750	\$24,500.00
Manhole Adjustment, Major	ea	2	2500	\$5,000.00	5550	\$11,100.00
Remove Manhole/Intake	ea	11	1000	\$11,000.00	31100	\$12,100.00

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DESCRIPTION	Bid Date: 3/1/17		ENGINEER'S ESTIMATE			
	UNITS	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
Replace Intake Lid, SW-603	ea	3	500	\$1,500.00	975	\$2,925.00
Division 7 - Streets and Related Work				\$0.00		\$0.00
Curb & Gutter, 30" width, 12" thick @ BOC	lf	4347	25	\$108,675.00	41.5	\$180,400.50
Pavement, HMA, Base, 5" depth	ton	3346.8	75	\$251,010.00	76	\$254,356.80
Pavement, HMA, Surface ,2" depth	ton	1338.7	80	\$107,096.00	82	\$109,773.40
Removal of Sidewalk/Shared Use Path/Driveway	sy	489	10	\$4,890.00	12	\$5,868.00
Removal of Curb	lf	4335	15	\$65,025.00	13.5	\$58,522.50
PCC, 4" depth, Walk	sy	50.2	55	\$2,761.00	70	\$3,514.00
Detectable Warning	sf	107.3	50	\$5,365.00	26	\$2,789.80
PCC, 6" Depth, Drive/Walk	sy	460.1	60	\$27,606.00	73	\$33,587.30
Pavement Removal	sy	9777.2	10	\$97,772.00	7	\$68,440.40
Division 8 - Traffic Control				\$0.00		\$0.00
Pavement Markings, High-Build	sta	38.59	350	\$13,506.50	102	\$3,936.18
Division 9 - Sitework and Landscaping				\$0.00		\$0.00
Wattles	lf	650	5	\$3,250.00	4.5	\$2,925.00
Division 11 - Miscellaneous				\$0.00		\$0.00
Construction Survey/Staking	ls	1	7500	\$7,500.00	7200	\$7,200.00
Pedestrian Facility Construction Survey & Staking	ls	1	1000	\$1,000.00	1800	\$1,800.00
Mobilization	ls	1	20000	\$20,000.00	50000	\$50,000.00
Concrete Washout	ls	1	8000	\$8,000.00	2600	\$2,600.00
SUBTOTAL BASE BID				\$1,844,022.65		\$1,715,631.41
ADD ALTERNATE				\$0.00		\$0.00
Division 2 - Earthwork				\$0.00		\$0.00
Topsoil, 4" Depth	cy	10	75	\$750.00	86	\$860.00
Excavation, Class 10, 6"/11" Depth	cy	104.8	20	\$2,096.00	22	\$2,305.60
Excavation, Unsuitable Soil, 12" Depth	sy	0	5	\$0.00	27	\$0.00
Subgrade Preparation, 12" Depth	sy	628.7	5	\$3,143.50	3.5	\$2,200.45
Special Backfill, 6" Depth	sy	628.7	15	\$9,430.50	9.25	\$5,815.48
Subgrade Treatment, Geogrid, Type 1	sy	0	3.5	\$0.00	2.75	\$0.00
				\$0.00		\$0.00
Division 7 - Streets and Related Work				\$0.00		\$0.00
Curb & Gutter, 30" width, 12" thick @ BOC	lf	282.5	25	\$7,062.50	41.5	\$11,723.75
Pavement, HMA, Base, 5" depth	ton	190.2	75	\$14,265.00	76	\$14,455.20
Pavement, HMA, Surface ,2" depth	ton	76.1	80	\$6,088.00	82	\$6,240.20
Removal of Sidewalk/Shared Use Path/Driveway	sy	0	10	\$0.00	12	\$0.00
Removal of Curb	lf	282.5	15	\$4,237.50	13.5	\$3,813.75
PCC, 4" depth, Walk	sy	0	55	\$0.00	70	\$0.00
Detectable Warning	sf	0	50	\$0.00	26	\$0.00
PCC, 6" Depth, Drive/Walk	sy	0	60	\$0.00	73	\$0.00
Pavement Removal	sy	628.7	10	\$6,287.00	7	\$4,400.90
TOTAL ADD ALTERNATE				\$53,360.00		\$51,815.33
TOTAL OF BASE BID + ALTERNATIVE				\$1,897,382.65		\$1,767,446.74