

DES MOINES STREET EXTENSION, PHASE 1 - 4/09/2019 CONTRACTOR PROPOSALS				Engineer's Opinion of Probable Cost		Concrete Technologies, Inc. 1001 SE 37th St. Grimes, IA 50111 ***Apparent Low Bidder***		Manatts, Inc. 6333 NW Beaver Rd. Johnston, IA 50131		Absolute Concrete P.O. Box 148 Slater, IA 50244		Corell Contractor, Inc. P.O. Box 65430 West Des Moines, IA 50265	
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION
EARTHWORK													
2.01	CLEARING AND GRUBBING	UNIT	609.3	\$80.00	\$48,744.00	\$ 15.75	\$9,596.48	\$ 16.25	\$9,901.13	\$ 15.80	\$9,626.94	\$ 16.50	\$10,053.45
2.02	TOPSOIL, ON-SITE	CY	12,357	\$5.00	\$61,785.00	\$ 6.25	\$77,231.25	\$ 6.20	\$76,613.40	\$ 6.00	\$74,142.00	\$ 9.50	\$117,391.50
2.03	TOPSOIL, COMPOST-AMENDED	CY	969	\$30.00	\$29,070.00	\$ 21.50	\$20,833.50	\$ 21.00	\$20,349.00	\$ 20.40	\$19,767.60	\$ 35.00	\$33,915.00
2.04	EXCAVATION, CLASS 10	CY	36,600	\$5.00	\$183,000.00	\$ 2.75	\$100,650.00	\$ 2.75	\$100,650.00	\$ 2.65	\$96,990.00	\$ 4.15	\$151,890.00
2.05	EXCAVATION, CLASS 13	CY	600	\$20.00	\$12,000.00	\$ 26.25	\$15,750.00	\$ 25.75	\$15,450.00	\$ 25.00	\$15,000.00	\$ 25.00	\$15,000.00
2.06	BELOW GRADE EXCAVATION (CORE OUT)	CY	1,000	\$60.00	\$60,000.00	\$ 4.25	\$4,250.00	\$ 4.10	\$4,100.00	\$ 4.00	\$4,000.00	\$ 13.00	\$13,000.00
2.07	SUBGRADE PREPARATION, 12 IN. DEPTH	SY	15,600	\$4.00	\$62,400.00	\$ 3.50	\$54,600.00	\$ 3.50	\$54,600.00	\$ 3.40	\$53,040.00	\$ 3.75	\$58,500.00
2.08	COMPACTION TESTING	LS	1	\$5,000.00	\$5,000.00	\$ 8,275.00	\$8,275.00	\$ 8,111.00	\$8,111.00	\$ 10,000.00	\$10,000.00	\$ 12,500.00	\$12,500.00
2.09	POND CLAY LAYER PREPARATION	CY	680	\$14.00	\$9,520.00	\$ 16.00	\$10,880.00	\$ 15.75	\$10,710.00	\$ 15.30	\$10,404.00	\$ 55.00	\$37,400.00
2.10	SELECTIVE OVER-EXCAVATION AND REPLACEMENT FOR POND LINER	CY	100	\$25.00	\$2,500.00	\$ 15.75	\$1,575.00	\$ 15.45	\$1,545.00	\$ 15.00	\$1,500.00	\$ 25.00	\$2,500.00
2.11	FLOOD REPAIRS	LS	1	\$20,000.00	\$20,000.00	\$ 9,775.00	\$9,775.00	\$ 9,579.50	\$9,579.50	\$ 9,301.00	\$9,301.00	\$ 15,000.00	\$15,000.00
TRENCH EXCAVATION AND BACKFILL													
3.01	TRENCH FOUNDATION	TON	600	\$40.00	\$24,000.00	\$ 23.00	\$13,800.00	\$ 22.65	\$13,590.00	\$ 22.00	\$13,200.00	\$ 45.00	\$27,000.00
3.02	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	CY	600	\$15.00	\$9,000.00	\$ 15.75	\$9,450.00	\$ 15.45	\$9,270.00	\$ 15.00	\$9,000.00	\$ 15.00	\$9,000.00
3.03	SPECIAL PIPE ENCASEMENT, WATER STOP	LF	6	\$200.00	\$1,200.00	\$ 205.00	\$1,230.00	\$ 199.50	\$1,197.00	\$ 193.50	\$1,161.00	\$ 200.00	\$1,200.00
3.04	TRENCH COMPACTION TESTING	LS	1	\$7,000.00	\$7,000.00	\$ 8,270.00	\$8,270.00	\$ 8,111.00	\$8,111.00	\$ 10,000.00	\$10,000.00	\$ 12,500.00	\$12,500.00
SEWERS AND DRAINS													
4.01	SANITARY SEWER GRAVITY MAIN, TRENCHED, TRUSS, 8-INCH DIA.	LF	1,656	\$55.00	\$91,080.00	\$ 59.50	\$98,532.00	\$ 58.30	\$96,544.80	\$ 56.60	\$93,729.60	\$ 90.00	\$149,040.00
4.02	SANITARY SEWER SERVICE STUB, PVC, 4-INCH DIA.	EA	19	\$1,500.00	\$28,500.00	\$ 1,360.00	\$25,840.00	\$ 1,334.00	\$25,346.00	\$ 1,295.00	\$24,605.00	\$ 3,000.00	\$57,000.00
4.03	STORM SEWER, TRENCHED, PVC, 12-INCH DIA.	LF	275	\$45.00	\$12,375.00	\$ 47.00	\$12,925.00	\$ 46.05	\$12,663.75	\$ 44.70	\$12,292.50	\$ 55.00	\$15,125.00
4.04	STORM SEWER, TRENCHED, RCP, 15-INCH DIA.	LF	2,650	\$50.00	\$132,500.00	\$ 61.50	\$162,975.00	\$ 60.35	\$159,927.50	\$ 58.60	\$155,290.00	\$ 56.00	\$148,400.00
4.05	STORM SEWER, TRENCHED, RCP, 18-INCH DIA.	LF	67	\$60.00	\$4,020.00	\$ 65.00	\$4,355.00	\$ 63.75	\$4,271.25	\$ 61.90	\$4,147.30	\$ 80.00	\$5,360.00
4.06	STORM SEWER, TRENCHED, RCP, 24-INCH DIA.	LF	763	\$70.00	\$53,410.00	\$ 78.75	\$60,086.25	\$ 77.25	\$58,941.75	\$ 75.00	\$57,225.00	\$ 65.00	\$49,595.00
4.07	STORM SEWER, TRENCHED, RCP, 30-INCH DIA.	LF	307	\$90.00	\$27,630.00	\$ 108.00	\$33,156.00	\$ 106.00	\$32,542.00	\$ 102.75	\$31,544.25	\$ 75.00	\$23,025.00
4.08	STORM SEWER, TRENCHED, RCP, 36-INCH DIA.	LF	191	\$120.00	\$22,920.00	\$ 116.00	\$22,156.00	\$ 114.00	\$21,774.00	\$ 110.50	\$21,105.50	\$ 96.00	\$18,336.00
4.09	STORM SEWER, TRENCHED, RCP, 48-INCH DIA.	LF	52	\$200.00	\$10,400.00	\$ 176.00	\$9,152.00	\$ 172.50	\$8,970.00	\$ 167.50	\$8,710.00	\$ 165.00	\$8,580.00
4.10	STORM SEWER, TRENCHED, RACP, 72-INCH DIA. EQUIV.	LF	352	\$400.00	\$140,800.00	\$ 450.00	\$158,400.00	\$ 442.00	\$155,584.00	\$ 429.25	\$151,096.00	\$ 530.00	\$186,560.00
4.11	CONCRETE COLLAR	EA	5	\$1,000.00	\$5,000.00	\$ 1,290.00	\$6,450.00	\$ 1,268.00	\$6,340.00	\$ 1,231.00	\$6,155.00	\$ 900.00	\$4,500.00
4.12	PIPE APRON, PVC, 12-INCH DIA.	EA	4	\$750.00	\$3,000.00	\$ 490.00	\$1,960.00	\$ 480.50	\$1,922.00	\$ 466.50	\$1,866.00	\$ 675.00	\$2,700.00
4.13	PIPE APRON, RCP, 30-INCH DIA.	EA	2	\$1,200.00	\$2,400.00	\$ 1,125.00	\$2,250.00	\$ 1,104.00	\$2,208.00	\$ 1,072.00	\$2,144.00	\$ 1,550.00	\$3,100.00
4.14	PIPE APRON, RCP, 36-INCH DIA.	EA	1	\$1,500.00	\$1,500.00	\$ 1,510.00	\$1,510.00	\$ 1,481.00	\$1,481.00	\$ 1,438.00	\$1,438.00	\$ 2,400.00	\$2,400.00
4.15	PIPE APRON, RCP, 48-INCH DIA.	EA	1	\$1,750.00	\$1,750.00	\$ 2,115.00	\$2,115.00	\$ 2,074.50	\$2,074.50	\$ 2,014.00	\$2,014.00	\$ 3,250.00	\$3,250.00
4.16	PIPE APRON, RCP, 72-INCH ARCH DIA.	EA	3	\$2,000.00	\$6,000.00	\$ 3,700.00	\$11,100.00	\$ 3,631.50	\$10,894.50	\$ 3,526.00	\$10,578.00	\$ 7,000.00	\$21,000.00
4.17	FOOTING FOR CONCRETE PIPE APRON, RCP, 30-INCH DIA.	EA	2	\$250.00	\$500.00	\$ 59.50	\$119.00	\$ 58.40	\$116.80	\$ 56.70	\$113.40	\$ 65.00	\$130.00
4.18	FOOTING FOR CONCRETE PIPE APRON, RCP, 36-INCH DIA.	EA	1	\$350.00	\$350.00	\$ 59.50	\$59.50	\$ 58.40	\$58.40	\$ 56.70	\$56.70	\$ 82.50	\$82.50
4.19	FOOTING FOR CONCRETE PIPE APRON, RCP, 48-INCH DIA.	EA	1	\$450.00	\$450.00	\$ 74.50	\$74.50	\$ 73.00	\$73.00	\$ 70.90	\$70.90	\$ 1,000.00	\$1,000.00
4.20	FOOTING FOR CONCRETE PIPE APRON, RACP, 72-INCH DIA.	EA	3	\$550.00	\$1,650.00	\$ 150.00	\$450.00	\$ 146.00	\$438.00	\$ 141.75	\$425.25	\$ 1,500.00	\$4,500.00
4.21	PIPE APRON GUARD, RCP, 30-INCH DIA.	EA	2	\$1,100.00	\$2,200.00	\$ 870.00	\$1,740.00	\$ 854.00	\$1,708.00	\$ 829.25	\$1,658.50	\$ 1,500.00	\$3,000.00
4.22	PIPE APRON GUARD, RCP, 36-INCH DIA.	EA	1	\$1,400.00	\$1,400.00	\$ 1,080.00	\$1,080.00	\$ 1,059.00	\$1,059.00	\$ 1,028.00	\$1,028.00	\$ 1,700.00	\$1,700.00
4.23	PIPE APRON GUARD, RCP, 48-INCH DIA.	EA	1	\$1,500.00	\$1,500.00	\$ 1,525.00	\$1,525.00	\$ 1,494.50	\$1,494.50	\$ 1,451.00	\$1,451.00	\$ 2,300.00	\$2,300.00
4.24	FOOTING DRAIN COLLECTOR, PVC, 8 IN. DIA.	LF	297	\$35.00	\$10,395.00	\$ 44.00	\$13,068.00	\$ 43.25	\$12,845.25	\$ 42.00	\$12,474.00	\$ 45.00	\$13,365.00
4.25	STORM SEWER SERVICE STUB, PVC, 1.5 IN. DIA.	EA	29	\$1,200.00	\$34,800.00	\$ 735.00	\$21,315.00	\$ 719.00	\$20,851.00	\$ 698.25	\$20,249.25	\$ 1,100.00	\$3,300.00
WATER MAINS AND APPURTENANCES													
5.01	WATER MAIN, TRENCHED, C-900 PVC, 8-IN. DIA.	LF	3,397	\$30.00	\$101,910.00	\$ 27.25	\$92,568.25	\$ 26.80	\$91,039.60	\$ 26.00	\$88,322.00	\$ 30.00	\$101,910.00
5.02	WATER MAIN, TRENCHED, C-900 PVC, 10-IN. DIA.	LF	389	\$35.00	\$13,615.00	\$ 33.00	\$12,837.00	\$ 32.45	\$12,623.05	\$ 31.50	\$12,253.50	\$ 45.00	\$17,505.00
5.03	FITTING, DIP, TEE, 8-INCH X 8 INCH DIA.	EA	2	\$75.00	\$150.00	\$ 585.00	\$1,170.00	\$ 573.00	\$1,146.00	\$ 556.25	\$1,112.50	\$ 725.00	\$1,450.00
5.04	FITTING, DIP, TEE, 10-INCH X 8 INCH DIA.	EA	1	\$800.00	\$800.00	\$ 660.00	\$660.00	\$ 646.00	\$646.00	\$ 627.25	\$627.25	\$ 925.00	\$925.00
5.05	FITTING, DIP, CROSS, 8-INCH X 10 INCH DIA.	EA	1	\$800.00	\$800.00	\$ 790.00	\$790.00	\$ 775.50	\$775.50	\$ 753.00	\$753.00	\$ 850.00	\$850.00
5.06	FITTING, DIP, 45-DEG BEND, 8-INCH DIA.	EA	12	\$1,000.00	\$12,000.00	\$ 460.00	\$5,520.00	\$ 452.00	\$5,424.00	\$ 438.75	\$5,265.00	\$ 475.00	\$5,700.00
5.07	FITTING, DIP, 22.5-DEG BEND, 8-INCH DIA.	EA	12	\$1,000.00	\$12,000.00	\$ 460.00	\$5,520.00	\$ 450.00	\$5,400.00	\$ 437.00	\$5,244.00	\$ 450.00	\$5,400.00
5.08	FITTING, DIP, 11.25-DEG BEND, 8-INCH DIA.	EA	3	\$1,000.00	\$3,000.00	\$ 455.00	\$1,365.00	\$ 443.50	\$1,330.50	\$ 430.50	\$1,291.50	\$ 450.00	\$1,350.00
5.09	WATER SERVICE STUB, PEX, 1-INCH DIA.	EA	29	\$1,000.00	\$29,000.00	\$ 925.00	\$26,825.00	\$ 907.50	\$26,317.50	\$ 881.25	\$25,556.25	\$ 1,200.00	\$34,800.00
5.10	WATER MAIN PLUG, 8-INCH DIA.	EA	2	\$2,000.00	\$4,000.00	\$ 300.00	\$600.00	\$ 292.50	\$585.00	\$ 284.00	\$568.00	\$ 3,700.00	\$7,400.00
5.11	VALVE, RESILIENT WEDGE GATE, 8-INCH DIA.	EA	11	\$1,500.00	\$16,500.00	\$ 1,330.00	\$14,630.00	\$ 1,303.00	\$14,333.00	\$ 1,265.00	\$13,915.00	\$ 1,400.00	\$15,400.00
5.12	VALVE, RESILIENT WEDGE GATE, 10-INCH DIA.	EA	1	\$2,000.00	\$2,000.00	\$ 1,735.00	\$1,735.00	\$ 1,701.50	\$1,701.50	\$ 1,652.00	\$1,652.00	\$ 1,750.00	\$1,750.00
5.13	FIRE HYDRANT ASSEMBLY	EA	9	\$4,500.00	\$40,500.00	\$ 3,875.00	\$34,875.00	\$ 3,800.50	\$34,204.50	\$ 3,690.00	\$33,210.00	\$ 4,500.00	\$40,500.00
5.14	FLUSHING DEVICE (BLOWOFF), DIP, 2-INCH DIA.	EA	5	\$1,000.00	\$5,000.00	\$ 880.00	\$4,400.00	\$ 861.00	\$4,305.00	\$ 835.75	\$4,178.75	\$ 2,000.00	\$10,000.00
STRUCTURES FOR SANITARY AND STORM SEWERS													
6.01	MANHOLE, SW-301, 48-INCH DIA.	EA	11	\$5,200.00	\$57,200.00	\$ 4,070.00	\$44,770.00	\$ 3,993.00	\$43,923.00	\$ 3,877.00	\$42,647.00	\$ 4,300.00	\$47,300.00
6.02	MANHOLE, SW-401, 48-INCH DIA.	EA	3	\$4,000.00	\$12,000.00	\$ 3,065.00	\$9,195.00	\$ 3,008.50	\$9,025.50	\$ 2,921.00	\$8,763.00	\$ 3,200.00	\$9,600.00
6.03	MANHOLE, SW-401, 60-INCH DIA.	EA	1	\$5,000.00	\$5,000.00	\$ 4,575.00	\$4,575.00	\$ 4,487.50	\$4,487.50	\$ 4,357.00	\$4,357.00	\$ 4,800.00	\$4,800.00
6.04	INTAKE, SW-505	EA	36	\$3,750.00	\$135,000.00	\$ 3,895.00	\$140,220.00	\$ 3,821.00	\$137,556.00	\$ 3,710.00	\$133,560.00	\$ 3,550.00	\$127,800.00

9.17	INLET PROTECTION DEVICE, DROP-IN	EA	112	\$150.00	\$16,800.00	\$ 120.00	\$13,440.00	\$ 118.50	\$13,272.00	\$ 115.00	\$12,880.00	\$ 126.00	\$14,112.00
9.18	INLET PROTECTION DEVICE, SURFACE	EA	112	\$1,000.00	\$112,000.00	\$ 84.00	\$9,408.00	\$ 82.40	\$9,228.80	\$ 125.00	\$14,000.00	\$ 88.00	\$9,856.00
9.19	INLET PROTECTION DEVICE, MAINTENANCE	EA	336	\$25.00	\$8,400.00	\$ 26.25	\$8,820.00	\$ 25.75	\$8,652.00	\$ 40.00	\$13,440.00	\$ 27.50	\$9,240.00
9.20	REMOVAL OF EXISTING CONTROLS	LS	1	\$10,000.00	\$10,000.00	\$ 13,750.00	\$13,750.00	\$ 13,467.00	\$13,467.00	\$ 1,000.00	\$1,000.00	\$ 25,000.00	\$25,000.00
MISCELLANEOUS													
11.01	MOBILIZATION	LS	1	\$300,000.00	\$300,000.00	\$ 135,000.00	\$135,000.00	\$ 220,000.00	\$220,000.00	\$ 184,000.00	\$184,000.00	\$ 132,500.00	\$132,500.00
11.02	CONCRETE WASHOUT	LS	1	\$10,000.00	\$10,000.00	\$ 5,500.00	\$5,500.00	\$ 4,681.00	\$4,681.00	\$ 7,500.00	\$7,500.00	\$ 5,000.00	\$5,000.00
				Total of All Items Above:		\$3,582,812.00		\$3,241,379.38		\$3,256,576.98		\$3,299,948.34	
				Submitted Bid Amount:		\$3,241,379.38		\$3,256,576.98		\$3,299,948.34		\$3,397,941.40	