

| 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 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 | \$127,807 |

| | | | | | | | | | | | | | |
|---------------|--------------------------------------|----|-----|---------------------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|
| 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 | |