

**CITY OF FORT SMITH
2016 SANITARY SEWER ASSESSMENT REMEDIAL MEASURES, SUB-BASIN P004
PROJECT NO. 17-08-C1**

| BID OPENING: FEBRUARY 28, 2019, 11:30AM | | | | RJN (Engineer's Estimate) | | FORSGREN, INC. | | GOODWIN & GOODWIN, INC. | | KAJACS CONTRACTORS INC. | |
|---|-------|----|--|---------------------------|---------------|----------------|---------------|-------------------------|---------------|-------------------------|---------------|
| BASE BID | | | | | | | | | | | |
| ITEM | QTY | | DESCRIPTION OF ITEM | BASE UNIT | BASE TOTAL | BASE UNIT | BASE TOTAL | BASE UNIT | BASE TOTAL | BASE UNIT | BASE TOTAL |
| 103.01 | 1 | LS | Performance and Payment Bond | \$ 26,000.00 | \$ 26,000.00 | \$ 28,000.00 | \$ 28,000.00 | \$ 85,000.00 | \$ 85,000.00 | \$ 55,000.00 | \$ 55,000.00 |
| 120.01 | 1 | LS | Maintenance of Traffic and Traffic Control | \$ 75,000.00 | \$ 75,000.00 | \$ 55,000.00 | \$ 55,000.00 | \$ 35,000.00 | \$ 35,000.00 | \$ 150,000.00 | \$ 150,000.00 |
| 141.00 | 1 | LS | Construction Erosion Control | \$ 20,000.00 | \$ 20,000.00 | \$ 7,200.00 | \$ 7,200.00 | \$ 25,000.00 | \$ 25,000.00 | \$ 50,000.00 | \$ 50,000.00 |
| 201.01 | 1 | LS | Site Preparation | \$ 200,000.00 | \$ 200,000.00 | \$ 300,000.00 | \$ 300,000.00 | \$ 125,000.00 | \$ 125,000.00 | \$ 200,000.00 | \$ 200,000.00 |
| 201.02 | 280 | SY | Removal and Disposal of Concrete Pavement | \$ 15.00 | \$ 4,200.00 | \$ 8.25 | \$ 2,310.00 | \$ 22.00 | \$ 6,160.00 | \$ 10.00 | \$ 2,800.00 |
| 201.03 | 400 | SY | Removal and Disposal of Asphalt Pavement | \$ 12.00 | \$ 4,800.00 | \$ 7.25 | \$ 2,900.00 | \$ 12.00 | \$ 4,800.00 | \$ 5.00 | \$ 2,000.00 |
| 201.04 | 330 | SY | Removal and Disposal of Concrete Sidewalks/Driveways | \$ 12.00 | \$ 3,960.00 | \$ 9.50 | \$ 3,135.00 | \$ 12.00 | \$ 3,960.00 | \$ 5.00 | \$ 1,650.00 |
| 201.041 | 70 | SY | Removal and Disposal of Rock Driveway | \$ 5.00 | \$ 350.00 | \$ 9.50 | \$ 665.00 | \$ 15.00 | \$ 1,050.00 | \$ 5.00 | \$ 350.00 |
| 201.05 | 400 | LF | Removal and Disposal of Concrete Curb & Curb/Gutter | \$ 10.00 | \$ 4,000.00 | \$ 6.00 | \$ 2,400.00 | \$ 12.00 | \$ 4,800.00 | \$ 5.00 | \$ 2,000.00 |
| 201.08 | 80 | LF | Removal and Disposal of Storm Drain Pipe (over 24") | \$ 30.00 | \$ 2,400.00 | \$ 12.50 | \$ 1,000.00 | \$ 15.00 | \$ 1,200.00 | \$ 10.00 | \$ 800.00 |
| 202.04 | 1 | LS | Clearing and Grubbing | \$ 40,000.00 | \$ 40,000.00 | \$ 7,500.00 | \$ 7,500.00 | \$ 20,000.00 | \$ 20,000.00 | \$ 75,000.00 | \$ 75,000.00 |
| 202.07 | 4 | EA | Clearing and Grubbing Tree (8" to 12" Diameter) | \$ 1,000.00 | \$ 4,000.00 | \$ 450.00 | \$ 1,800.00 | \$ 1,500.00 | \$ 6,000.00 | \$ 500.00 | \$ 2,000.00 |
| 202.08 | 3 | EA | Clearing and Grubbing Tree (13" to 34" Diameter) | \$ 1,500.00 | \$ 4,500.00 | \$ 1,000.00 | \$ 3,000.00 | \$ 2,500.00 | \$ 7,500.00 | \$ 750.00 | \$ 2,250.00 |
| 202.09 | 1 | EA | Clearing and Grubbing Tree (35" and Larger) | \$ 2,500.00 | \$ 2,500.00 | \$ 3,500.00 | \$ 3,500.00 | \$ 3,500.00 | \$ 3,500.00 | \$ 1,000.00 | \$ 1,000.00 |
| 203.31 | 700 | SY | Topsoil (4" Thickness) | \$ 2.00 | \$ 1,400.00 | \$ 4.50 | \$ 3,150.00 | \$ 5.00 | \$ 3,500.00 | \$ 5.00 | \$ 3,500.00 |
| 205.00 | 1 | LS | Trench or Excavation Safety Systems | \$ 70,000.00 | \$ 70,000.00 | \$ 10,000.00 | \$ 10,000.00 | \$ 87,000.00 | \$ 87,000.00 | \$ 151,185.00 | \$ 151,185.00 |
| 205.01 | 2,400 | CY | Select Backfill (Trenches) | \$ 20.00 | \$ 48,000.00 | \$ 24.00 | \$ 57,600.00 | \$ 1.00 | \$ 2,400.00 | \$ 40.00 | \$ 96,000.00 |
| 205.02 | 1,000 | CY | Granular Backfill (Trenches) | \$ 40.00 | \$ 40,000.00 | \$ 30.00 | \$ 30,000.00 | \$ 45.00 | \$ 45,000.00 | \$ 50.00 | \$ 50,000.00 |
| 205.066 | 60 | LF | Pipe Casing - 10" to 16" Steel (Open Cut) | \$ 100.00 | \$ 6,000.00 | \$ 65.00 | \$ 3,900.00 | \$ 150.00 | \$ 9,000.00 | \$ 100.00 | \$ 6,000.00 |
| 205.081 | 1,800 | LF | Sanitary Sewer Trenching & Backfill (0'-4') | \$ 15.00 | \$ 27,000.00 | \$ 4.00 | \$ 7,200.00 | \$ 15.00 | \$ 27,000.00 | \$ 75.00 | \$ 135,000.00 |
| 205.082 | 1,700 | LF | Sanitary Sewer Trenching & Backfill (4'-8') | \$ 20.00 | \$ 34,000.00 | \$ 5.00 | \$ 8,500.00 | \$ 25.00 | \$ 42,500.00 | \$ 100.00 | \$ 170,000.00 |
| 205.083 | 2,000 | LF | Sanitary Sewer Trenching & Backfill (8'-12') | \$ 30.00 | \$ 60,000.00 | \$ 6.00 | \$ 12,000.00 | \$ 35.00 | \$ 70,000.00 | \$ 150.00 | \$ 300,000.00 |
| 205.084 | 300 | LF | Sanitary Sewer Trenching & Backfill (12' & Deeper) | \$ 45.00 | \$ 13,500.00 | \$ 8.00 | \$ 2,400.00 | \$ 50.00 | \$ 15,000.00 | \$ 175.00 | \$ 52,500.00 |
| 206.01 | 300 | CY | Flowable Fill | \$ 95.00 | \$ 28,500.00 | \$ 102.00 | \$ 30,600.00 | \$ 125.00 | \$ 37,500.00 | \$ 150.00 | \$ 45,000.00 |
| 290.04 | 700 | SY | Solid Sodding | \$ 8.00 | \$ 5,600.00 | \$ 3.00 | \$ 2,100.00 | \$ 9.00 | \$ 6,300.00 | \$ 10.00 | \$ 7,000.00 |
| 350.06 | 660 | SY | P.C. Concrete Pavement (10" thickness) | \$ 85.00 | \$ 56,100.00 | \$ 82.00 | \$ 54,120.00 | \$ 115.00 | \$ 75,900.00 | \$ 100.00 | \$ 66,000.00 |
| 370.06 | 430 | SY | Deep Patch | \$ 45.00 | \$ 19,350.00 | \$ 38.50 | \$ 16,555.00 | \$ 55.00 | \$ 23,650.00 | \$ 75.00 | \$ 32,250.00 |
| 410.01 | 420 | LF | Curb & Gutter (Type A - Barrier) | \$ 25.00 | \$ 10,500.00 | \$ 27.50 | \$ 11,550.00 | \$ 28.00 | \$ 11,760.00 | \$ 20.00 | \$ 8,400.00 |
| 430.03 | 30 | SY | Concrete Driveway (6" Thickness) | \$ 65.00 | \$ 1,950.00 | \$ 57.00 | \$ 1,710.00 | \$ 65.00 | \$ 1,950.00 | \$ 75.00 | \$ 2,250.00 |
| 430.20 | 50 | CY | Gravel Driveway (6" Thickness) | \$ 40.00 | \$ 2,000.00 | \$ 46.50 | \$ 2,325.00 | \$ 50.00 | \$ 2,500.00 | \$ 20.00 | \$ 1,000.00 |
| 501.051 | 40 | LF | Remove and Replace 30" RCP Class III | \$ 77.00 | \$ 3,080.00 | \$ 90.00 | \$ 3,600.00 | \$ 135.00 | \$ 5,400.00 | \$ 75.00 | \$ 3,000.00 |
| 501.061 | 40 | LF | Remove and Replace 36" RCP Class III | \$ 133.00 | \$ 5,320.00 | \$ 130.00 | \$ 5,200.00 | \$ 165.00 | \$ 6,600.00 | \$ 100.00 | \$ 4,000.00 |
| 501.61 | 1 | EA | Precast Concrete Junction Box | \$ 5,000.00 | \$ 5,000.00 | \$ 3,850.00 | \$ 3,850.00 | \$ 6,500.00 | \$ 6,500.00 | \$ 7,500.00 | \$ 7,500.00 |
| 601.0102 | 950 | LF | Water Pipe (8" PVC, AWWA C900, DR 18) Open Cut | \$ 60.00 | \$ 57,000.00 | \$ 51.00 | \$ 48,450.00 | \$ 40.00 | \$ 38,000.00 | \$ 40.00 | \$ 38,000.00 |
| 701.0201 | 8,000 | LF | Post-CCTV Inspection Sewer Main & Normal Cleaning (8-Inch Dia.) | \$ 6.00 | \$ 48,000.00 | \$ 2.50 | \$ 20,000.00 | \$ 3.50 | \$ 28,000.00 | \$ 3.00 | \$ 24,000.00 |
| 701.0202 | 1,390 | LF | Post-CCTV Inspection Sewer Main & Normal Cleaning (10-Inch Dia.) | \$ 7.50 | \$ 10,425.00 | \$ 2.85 | \$ 3,961.50 | \$ 6.00 | \$ 8,340.00 | \$ 3.50 | \$ 4,865.00 |
| 701.0203 | 300 | LF | Post-CCTV Inspection Sewer Main & Normal Cleaning (12-Inch Dia.) | \$ 8.00 | \$ 2,400.00 | \$ 3.05 | \$ 915.00 | \$ 18.00 | \$ 5,400.00 | \$ 4.00 | \$ 1,200.00 |
| 702.0101X | 4,100 | LF | Sewer Pipe (8-Inch, PVC SDR 26) (Open Cut) | \$ 55.00 | \$ 225,500.00 | \$ 42.00 | \$ 172,200.00 | \$ 60.00 | \$ 246,000.00 | \$ 35.00 | \$ 143,500.00 |
| 702.0103X | 300 | LF | Sewer Pipe (12-Inch, PVC SDR 26) (Open Cut) | \$ 75.00 | \$ 22,500.00 | \$ 52.50 | \$ 15,750.00 | \$ 85.00 | \$ 25,500.00 | \$ 50.00 | \$ 15,000.00 |
| 702.0101X | 3 | EA | Point Repair - Sewer Pipe (6-Inch, PVC SDR 26) (15 LF Max) | \$ 4,000.00 | \$ 12,000.00 | \$ 3,700.00 | \$ 11,100.00 | \$ 3,500.00 | \$ 10,500.00 | \$ 6,500.00 | \$ 19,500.00 |
| 702.0101X | 1 | EA | Point Repair - Sewer Pipe (8-Inch, PVC SDR 26) (15 LF Max) | \$ 6,000.00 | \$ 6,000.00 | \$ 4,050.00 | \$ 4,050.00 | \$ 5,000.00 | \$ 5,000.00 | \$ 8,500.00 | \$ 8,500.00 |
| 702.0203 | 2,200 | LF | Sewer Service Line (4-Inch, PVC Sch. 40) Open Cut | \$ 35.00 | \$ 77,000.00 | \$ 30.00 | \$ 66,000.00 | \$ 35.00 | \$ 77,000.00 | \$ 85.00 | \$ 187,000.00 |
| 702.0301 | 133 | EA | Sewer Service Wyes (8" x 4") | \$ 300.00 | \$ 39,900.00 | \$ 195.00 | \$ 25,935.00 | \$ 300.00 | \$ 39,900.00 | \$ 650.00 | \$ 86,450.00 |
| 702.0303 | 10 | EA | Sewer Service Wyes (12" x 4") | \$ 350.00 | \$ 3,500.00 | \$ 335.00 | \$ 3,350.00 | \$ 375.00 | \$ 3,750.00 | \$ 800.00 | \$ 8,000.00 |
| 702.0401 | 217 | EA | Sewer Service Clean-outs (4-inch) | \$ 320.00 | \$ 69,440.00 | \$ 275.00 | \$ 59,675.00 | \$ 300.00 | \$ 65,100.00 | \$ 750.00 | \$ 162,750.00 |
| 703.0101 | 62 | EA | Standard Depth Manhole (4-Foot Diameter, 6 Feet and Less) | \$ 3,800.00 | \$ 235,600.00 | \$ 3,750.00 | \$ 232,500.00 | \$ 4,000.00 | \$ 248,000.00 | \$ 4,000.00 | \$ 248,000.00 |

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|--|-------|-----|--|----------------------------------|------------------------|------------------------------------|--------------------------------|------------------|------------------------|------------------|------------------------|
| BASE BID | | | | | | | | | | | |
| 703.0201 | 170 | VF | Additional Depth for Manhole (4-Foot Diameter) | \$ 200.00 | \$ 34,000.00 | \$ 145.00 | \$ 24,650.00 | \$ 225.00 | \$ 38,250.00 | \$ 500.00 | \$ 85,000.00 |
| 703.0301 | 6 | EA | Manhole Drops (4 Feet and Less) | \$ 2,500.00 | \$ 15,000.00 | \$ 1,800.00 | \$ 10,800.00 | \$ 1,500.00 | \$ 9,000.00 | \$ 3,500.00 | \$ 21,000.00 |
| 703.0401 | 30 | VF | Additional Height for Manhole Drops | \$ 500.00 | \$ 15,000.00 | \$ 450.00 | \$ 13,500.00 | \$ 250.00 | \$ 7,500.00 | \$ 500.00 | \$ 15,000.00 |
| 706.1301 | 60 | EA | Remove Existing Manhole | \$ 1,000.00 | \$ 60,000.00 | \$ 750.00 | \$ 45,000.00 | \$ 850.00 | \$ 51,000.00 | \$ 1,000.00 | \$ 60,000.00 |
| 706.0101 | 28 | EA | Remove and Replace Manhole Frame and Covers (Non-Locking) | \$ 750.00 | \$ 21,000.00 | \$ 575.00 | \$ 16,100.00 | \$ 600.00 | \$ 16,800.00 | \$ 1,000.00 | \$ 28,000.00 |
| 706.0401 | 3 | EA | Manhole Grade Adjustment – Frame and Cover (Non-Locking) | \$ 1,200.00 | \$ 3,600.00 | \$ 175.00 | \$ 525.00 | \$ 1,000.00 | \$ 3,000.00 | \$ 750.00 | \$ 2,250.00 |
| 706.0601 | 5 | EA | Manhole Lining Up To 6 Feet Deep (4-Foot Diameter, Portland-Based | \$ 1,500.00 | \$ 7,500.00 | \$ 715.00 | \$ 3,575.00 | \$ 1,500.00 | \$ 7,500.00 | \$ 1,500.00 | \$ 7,500.00 |
| 706.0701 | 20 | VF | Additional Depth Apply Cementitious Coating to Interior of Manhole | \$ 250.00 | \$ 5,000.00 | \$ 120.00 | \$ 2,400.00 | \$ 350.00 | \$ 7,000.00 | \$ 250.00 | \$ 5,000.00 |
| 707.0101 | 1,800 | LF | Pipe Bursting (8-Inch , HDPE SDR 17) | \$ 110.00 | \$ 198,000.00 | \$ 51.50 | \$ 92,700.00 | \$ 95.00 | \$ 171,000.00 | \$ 60.00 | \$ 108,000.00 |
| 707.0102 | 1,400 | LF | Pipe Bursting (10-Inch, HDPE SDR 17) | \$ 125.00 | \$ 175,000.00 | \$ 61.50 | \$ 86,100.00 | \$ 125.00 | \$ 175,000.00 | \$ 65.00 | \$ 91,000.00 |
| 707.0201 | 75 | EA | Service Lateral Reinstatement After Pipe Burst of Main (4-Inch) | \$ 1,200.00 | \$ 90,000.00 | \$ 865.00 | \$ 64,875.00 | \$ 1,500.00 | \$ 112,500.00 | \$ 500.00 | \$ 37,500.00 |
| 907.01 | 30 | LF | Up to 4' tall Chain Link Fence | \$ 20.00 | \$ 600.00 | \$ 35.00 | \$ 1,050.00 | \$ 15.00 | \$ 450.00 | \$ 35.00 | \$ 1,050.00 |
| SP-06 | 7 | EA | Chemical Grout Lower 18" of Manhole | \$ 1,200.00 | \$ 8,400.00 | \$ 600.00 | \$ 4,200.00 | \$ 1,000.00 | \$ 7,000.00 | \$ 1,500.00 | \$ 10,500.00 |
| Sheet SS2 | 17 | EA | Clay Dam | \$ 400.00 | \$ 6,800.00 | \$ 480.00 | \$ 8,160.00 | \$ 300.00 | \$ 5,100.00 | \$ 500.00 | \$ 8,500.00 |
| SP-03 | 1 | EA | A&M Railroad Underground Crossing Permit | \$ 1,500.00 | \$ 1,500.00 | \$ 1,500.00 | \$ 1,500.00 | \$ 1,500.00 | \$ 1,500.00 | \$ 1,500.00 | \$ 1,500.00 |
| SP-03 | 1 | EA | Ft. Smith Railroad Co. Right of Entry Permit | \$ 1,500.00 | \$ 1,500.00 | \$ 1,500.00 | \$ 1,500.00 | \$ 1,500.00 | \$ 1,500.00 | \$ 1,500.00 | \$ 1,500.00 |
| SP-03 | 5 | DAY | A&M Flagging Services | \$ 900.00 | \$ 4,500.00 | \$ 900.00 | \$ 4,500.00 | \$ 900.00 | \$ 4,500.00 | \$ 900.00 | \$ 4,500.00 |
| SP-03 | 5 | DAY | Ft. Smith Railroad Co. Flagging Services | \$ 900.00 | \$ 4,500.00 | \$ 900.00 | \$ 4,500.00 | \$ 900.00 | \$ 4,500.00 | \$ 900.00 | \$ 4,500.00 |
| 320.02 | 70 | GAL | Tack Coat | \$ 5.00 | \$ 350.00 | \$ 9.00 | \$ 630.00 | \$ 5.00 | \$ 350.00 | \$ 5.00 | \$ 350.00 |
| 330.05 | 10 | TN | (ACHM) Surface Course (Type 3) (2" thickness) | \$ 185.00 | \$ 1,850.00 | \$ 215.00 | \$ 2,150.00 | \$ 250.00 | \$ 2,500.00 | \$ 165.00 | \$ 1,650.00 |
| | 1 | | 10% CONTINGENCY | \$ 226,700.00 | \$ 226,700.00 | | | | | | |
| | | | TOTAL BASE BID CONTRACT | TOTAL | \$ 2,519,075.00 | BID TOTAL | \$ 1,737,071.50 | BID TOTAL | \$ 2,234,870.00 | BID TOTAL | \$ 3,126,500.00 |

* - Kajacs Contractor's Total Base Bid on Bid Form was \$3,125,000.00. Addition error revised Total Base Bid to \$3,126,500.00