

Bid Tabulation (B)

Bid Date: November 17, 2016 Time: 11:00 AM

City of Hollywood, Florida

Department of Public Utilities - Engineering and Construction Services Division (ECSD)

Project No.: 16-7080 Project Name: Gravity Sewer System Condition Assessment and Renewal and Replacement Inflow/Infiltration (I/I) Cured-In-Place Pipe (CIPP) Lining and New Sewer Manhole Installation

| No. | Description | Qty | Unit | Ric-Man Construction Florida, Inc | | American Infrastructure Technologies Corp. | | Lanzo Trenchless Technologies South | | Layne Inliner, LLC | | EnviroWaste Services Group, Inc. | | Insituform Technologies, LLC | | Metro Equipment Service, Inc. | | Average Bid | |
|-----|---|--------|------|-----------------------------------|----------------|--|----------------|-------------------------------------|----------------|--------------------|----------------|----------------------------------|----------------|------------------------------|----------------|-------------------------------|----------------|-------------|----------------|
| | | | | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total |
| 1 | Install CIPP liner, 6 inch diameter gravity mains and reinstate laterals (up to 8 feet in depth) | 2,000 | L.F. | \$27.00 | \$54,000.00 | \$28.00 | \$56,000.00 | \$48.00 | \$96,000.00 | \$32.50 | \$65,000.00 | \$29.00 | \$58,000.00 | \$33.70 | \$67,400.00 | \$35.00 | \$70,000.00 | | \$68,733.33 |
| 2 | Install CIPP liner, 8 inch diameter gravity mains and reinstate laterals (up to 8 feet in depth) | 70,000 | L.F. | \$26.00 | \$1,820,000.00 | \$27.00 | \$1,890,000.00 | \$26.00 | \$1,820,000.00 | \$25.25 | \$1,767,500.00 | \$29.00 | \$2,030,000.00 | \$27.00 | \$1,890,000.00 | \$30.00 | \$2,100,000.00 | | \$1,916,250.00 |
| 3 | Install CIPP liner, 8 inch diameter gravity mains and reinstate laterals (8 to 12 feet in depth) | 34,000 | L.F. | \$26.00 | \$884,000.00 | \$27.00 | \$918,000.00 | \$27.00 | \$918,000.00 | \$25.75 | \$875,500.00 | \$29.00 | \$986,000.00 | \$27.00 | \$918,000.00 | \$30.00 | \$1,020,000.00 | | \$939,250.00 |
| 4 | Install CIPP liner, 8 inch diameter gravity mains and reinstate laterals (12 to 16 feet in depth) | 15,000 | L.F. | \$27.00 | \$405,000.00 | \$28.50 | \$427,500.00 | \$27.00 | \$405,000.00 | \$26.00 | \$390,000.00 | \$29.00 | \$435,000.00 | \$27.00 | \$405,000.00 | \$30.00 | \$450,000.00 | | \$418,750.00 |
| 5 | Install CIPP liner, 10 inch to 12 inch diameter gravity mains and reinstate laterals (up to 8 feet in depth) | 2,000 | L.F. | \$31.00 | \$62,000.00 | \$30.00 | \$60,000.00 | \$32.00 | \$64,000.00 | \$29.50 | \$59,000.00 | \$40.00 | \$80,000.00 | \$31.30 | \$62,600.00 | \$33.00 | \$66,000.00 | | \$65,266.67 |
| 6 | Install CIPP liner, 10 inch to 12 inch diameter gravity mains and reinstate laterals (8 to 12 feet in depth) | 2,000 | L.F. | \$32.00 | \$64,000.00 | \$31.00 | \$62,000.00 | \$32.00 | \$64,000.00 | \$29.50 | \$59,000.00 | \$40.00 | \$80,000.00 | \$33.50 | \$67,000.00 | \$33.00 | \$66,000.00 | | \$66,333.33 |
| 7 | Install CIPP liner, 10 inch to 12 inch diameter gravity mains and reinstate laterals (12 to 16 feet in depth) | 2,000 | L.F. | \$32.00 | \$64,000.00 | \$31.00 | \$62,000.00 | \$32.00 | \$64,000.00 | \$31.00 | \$62,000.00 | \$40.00 | \$80,000.00 | \$33.50 | \$67,000.00 | \$33.00 | \$66,000.00 | | \$66,833.33 |
| 8 | Grout lateral annular space | 442 | EA | \$292.00 | \$129,064.00 | \$215.00 | \$95,030.00 | \$375.00 | \$165,750.00 | \$300.00 | \$132,600.00 | \$225.00 | \$99,450.00 | \$528.00 | \$233,376.00 | \$350.00 | \$154,700.00 | | \$146,817.67 |
| 9 | Recut lateral insufficiently reinstated by others | 10 | EA | \$439.00 | \$4,390.00 | \$135.00 | \$1,350.00 | \$1,000.00 | \$10,000.00 | \$150.00 | \$1,500.00 | \$300.00 | \$3,000.00 | \$410.00 | \$4,100.00 | \$300.00 | \$3,000.00 | | \$3,825.00 |
| 10 | Grout annular space following recut of lateral insufficiently reinstated by others | 10 | EA | \$292.00 | \$2,920.00 | \$265.00 | \$2,650.00 | \$485.00 | \$4,850.00 | \$300.00 | \$3,000.00 | \$425.00 | \$4,250.00 | \$528.00 | \$5,280.00 | \$350.00 | \$3,500.00 | | \$3,921.67 |
| 11 | Install T-liner in 8 inch to 12 inch mains with 4 inch to 6 inch laterals, all depths (includes 25 feet of lateral) | 40 | EA | \$4,439.00 | \$177,560.00 | \$4,100.00 | \$164,000.00 | \$4,650.00 | \$186,000.00 | \$4,100.00 | \$164,000.00 | \$3,850.00 | \$154,000.00 | \$4,515.00 | \$180,600.00 | \$4,000.00 | \$160,000.00 | | \$168,100.00 |
| 12 | Install T-liner in 4 inch to 6 inch laterals, all depths (per linear foot beyond 25 feet of lateral) | 100 | L.F. | \$140.00 | \$14,000.00 | \$45.00 | \$4,500.00 | \$40.00 | \$4,000.00 | \$40.00 | \$4,000.00 | \$75.00 | \$7,500.00 | \$46.90 | \$4,690.00 | \$20.00 | \$2,000.00 | | \$4,448.33 |
| 13 | Transitional liner 6 inch to 4 inch | 10 | EA | \$2,103.00 | \$21,030.00 | \$295.00 | \$2,950.00 | \$300.00 | \$3,000.00 | \$325.00 | \$3,250.00 | \$500.00 | \$5,000.00 | \$325.00 | \$3,250.00 | \$400.00 | \$4,000.00 | | \$3,575.00 |
| 14 | Sewer main cleaning and TV inspection (6 inch through 12 inch) | 97,000 | L.F. | \$4.00 | \$388,000.00 | \$5.80 | \$562,600.00 | \$3.00 | \$291,000.00 | \$1.50 | \$145,500.00 | \$1.95 | \$189,150.00 | \$2.30 | \$223,100.00 | \$3.75 | \$363,750.00 | | \$295,850.00 |
| 15 | Sewer lateral cleaning and TV inspection from main (up to 30 feet) | 10 | EA | \$876.00 | \$8,760.00 | \$225.00 | \$2,250.00 | \$300.00 | \$3,000.00 | \$225.00 | \$2,250.00 | \$350.00 | \$3,500.00 | \$295.00 | \$2,950.00 | \$400.00 | \$4,000.00 | | \$2,991.67 |
| 16 | Sewer lateral cleaning and TV inspection from cleanout (up to 30 feet) | 10 | EA | \$584.00 | \$5,840.00 | \$225.00 | \$2,250.00 | \$300.00 | \$3,000.00 | \$225.00 | \$2,250.00 | \$300.00 | \$3,000.00 | \$1.20 | \$12.00 | \$100.00 | \$1,000.00 | | \$1,918.67 |
| 17 | Mechanical root or grease removal (12 inch and smaller) | 500 | L.F. | \$17.50 | \$8,750.00 | \$9.00 | \$4,500.00 | \$14.00 | \$7,000.00 | \$3.00 | \$1,500.00 | \$12.00 | \$6,000.00 | \$18.00 | \$9,000.00 | \$15.00 | \$7,500.00 | | \$5,916.67 |
| 18 | Mechanical tuberculation/concrete removal (12 inch and smaller) | 100 | L.F. | \$23.00 | \$2,300.00 | \$11.00 | \$1,100.00 | \$68.00 | \$6,800.00 | \$30.00 | \$3,000.00 | \$30.00 | \$3,000.00 | \$35.20 | \$3,520.00 | \$60.00 | \$6,000.00 | | \$3,903.33 |
| 19 | Protruding service connection removal by internal means | 80 | EA | \$392.00 | \$31,360.00 | \$180.00 | \$14,400.00 | \$500.00 | \$40,000.00 | \$300.00 | \$24,000.00 | \$300.00 | \$24,000.00 | \$530.00 | \$42,400.00 | \$400.00 | \$32,000.00 | | \$29,466.67 |
| 20 | Cleanout installation in grass area (up to 5 feet in depth) | 20 | EA | \$1,640.00 | \$32,800.00 | \$525.00 | \$10,500.00 | \$1,000.00 | \$20,000.00 | \$1,000.00 | \$20,000.00 | \$500.00 | \$10,000.00 | \$765.00 | \$15,300.00 | \$500.00 | \$10,000.00 | | \$14,300.00 |
| 21 | Cleanout installation in asphalt area (up to 5 feet in depth) | 5 | EA | \$3,165.00 | \$15,825.00 | \$750.00 | \$3,750.00 | \$1,200.00 | \$6,000.00 | \$1,200.00 | \$6,000.00 | \$875.00 | \$4,375.00 | \$997.00 | \$4,985.00 | \$650.00 | \$3,250.00 | | \$4,726.67 |
| 22 | Cleanout installation in concrete area (up to 5 feet in depth) | 5 | EA | \$3,691.00 | \$18,455.00 | \$750.00 | \$3,750.00 | \$1,300.00 | \$6,500.00 | \$1,300.00 | \$6,500.00 | \$1,000.00 | \$5,000.00 | \$1,350.00 | \$6,750.00 | \$800.00 | \$4,000.00 | | \$5,416.67 |
| 23 | Cleanout installation (open trench) | 5 | EA | \$1,380.00 | \$6,900.00 | \$500.00 | \$2,500.00 | \$300.00 | \$1,500.00 | \$320.00 | \$1,600.00 | \$600.00 | \$3,000.00 | \$530.00 | \$2,650.00 | \$600.00 | \$3,000.00 | | \$2,375.00 |
| 24 | Install new standard precast concrete 48 inch diameter sewer manhole (up to 6 feet in depth) | 17 | EA | \$4,500.00 | \$76,500.00 | \$3,800.00 | \$64,600.00 | \$7,750.00 | \$131,750.00 | \$14,900.00 | \$253,300.00 | \$6,750.00 | \$114,750.00 | \$11,290.00 | \$191,930.00 | \$16,000.00 | \$272,000.00 | | \$171,388.33 |
| 25 | Install new standard precast concrete 48 inch diameter sewer manhole and dewatering (6 to 8 feet in depth) | 18 | EA | \$5,500.00 | \$99,000.00 | \$6,700.00 | \$120,600.00 | \$12,000.00 | \$216,000.00 | \$15,200.00 | \$273,600.00 | \$8,150.00 | \$146,700.00 | \$13,500.00 | \$243,000.00 | \$18,000.00 | \$324,000.00 | | \$220,650.00 |
| 26 | Install new standard precast concrete 48 inch diameter sewer manhole and dewatering (8 to 10 feet in depth) | 24 | EA | \$6,500.00 | \$156,000.00 | \$8,400.00 | \$201,600.00 | \$12,000.00 | \$288,000.00 | \$17,000.00 | \$408,000.00 | \$10,250.00 | \$246,000.00 | \$19,800.00 | \$475,200.00 | \$21,000.00 | \$504,000.00 | | \$353,800.00 |
| 27 | Install new standard precast concrete 48 inch diameter sewer manhole and dewatering (10 to 12 feet in depth) | 2 | EA | \$7,500.00 | \$15,000.00 | \$8,400.00 | \$16,800.00 | \$14,000.00 | \$28,000.00 | \$17,900.00 | \$35,800.00 | \$13,575.00 | \$27,150.00 | \$26,100.00 | \$52,200.00 | \$25,000.00 | \$50,000.00 | | \$34,991.67 |
| 28 | Work in rear-yard easement (where required for items 1 through 7) | 25 | EA | \$584.00 | \$14,600.00 | \$525.00 | \$13,125.00 | \$1,300.00 | \$32,500.00 | \$600.00 | \$15,000.00 | \$750.00 | \$18,750.00 | \$587.00 | \$14,675.00 | \$5,000.00 | \$125,000.00 | | \$36,508.33 |
| 29 | Bypass pumping (6 inch through 12 inch sewer) | 25 | DAY | \$192.00 | \$4,800.00 | \$265.00 | \$6,625.00 | \$1,500.00 | \$37,500.00 | \$1.00 | \$25.00 | \$1,000.00 | \$25,000.00 | \$410.00 | \$10,250.00 | \$40.00 | \$1,000.00 | | \$13,400.00 |
| 30 | 4,000 gallons tanker truck bypass system | 1,800 | HR | \$45.00 | \$81,000.00 | \$11.00 | \$19,800.00 | \$50.00 | \$90,000.00 | \$150.00 | \$270,000.00 | \$150.00 | \$270,000.00 | \$147.00 | \$264,600.00 | \$65.00 | \$117,000.00 | | \$171,900.00 |

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|-----|--|--------|------|-----------------------------------|--------------|--|-----------------------|-------------------------------------|-----------------------|--------------------|-----------------------|----------------------------------|-----------------------|------------------------------|-----------------------|-------------------------------|-----------------------|-------------|-----------------------|
| | | | | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total |
| 31 | Asphalt roadway replacement (2 inch thick) | 12,000 | S.F. | \$1.75 | \$21,000.00 | \$1.80 | \$21,600.00 | \$10.00 | \$120,000.00 | \$12.00 | \$144,000.00 | \$5.00 | \$60,000.00 | \$7.60 | \$91,200.00 | \$6.00 | \$72,000.00 | | \$84,800.00 |
| 32 | Asphalt pavement overlay (1 inch thick) | 5,000 | S.F. | \$1.50 | \$7,500.00 | \$1.40 | \$7,000.00 | \$6.00 | \$30,000.00 | \$2.30 | \$11,500.00 | \$4.00 | \$20,000.00 | \$5.90 | \$29,500.00 | \$2.00 | \$10,000.00 | | \$18,000.00 |
| 33 | Concrete sidewalk replacement (4 inch thick) | 200 | S.F. | \$17.50 | \$3,500.00 | \$8.50 | \$1,700.00 | \$20.00 | \$4,000.00 | \$12.10 | \$2,420.00 | \$13.00 | \$2,600.00 | \$17.60 | \$3,520.00 | \$10.00 | \$2,000.00 | | \$2,706.67 |
| 34 | Concrete curb and gutter replacement | 100 | L.F. | \$35.00 | \$3,500.00 | \$37.50 | \$3,750.00 | \$50.00 | \$5,000.00 | \$44.00 | \$4,400.00 | \$30.00 | \$3,000.00 | \$35.20 | \$3,520.00 | \$30.00 | \$3,000.00 | | \$3,778.33 |
| 35 | Asphalt driveway replacement | 200 | S.F. | \$7.00 | \$1,400.00 | \$4.00 | \$800.00 | \$15.00 | \$3,000.00 | \$9.90 | \$1,980.00 | \$5.00 | \$1,000.00 | \$5.90 | \$1,180.00 | \$6.00 | \$1,200.00 | | \$1,526.67 |
| 36 | Concrete driveway replacement (6 inch thick) | 200 | S.F. | \$6.00 | \$1,200.00 | \$10.50 | \$2,100.00 | \$20.00 | \$4,000.00 | \$17.00 | \$3,400.00 | \$15.00 | \$3,000.00 | \$19.90 | \$3,980.00 | \$7.00 | \$1,400.00 | | \$2,980.00 |
| 37 | Replace concrete slabs and/or aprons | 200 | S.F. | \$12.00 | \$2,400.00 | \$10.50 | \$2,100.00 | \$18.00 | \$3,600.00 | \$17.00 | \$3,400.00 | \$15.00 | \$3,000.00 | \$19.90 | \$3,980.00 | \$10.00 | \$2,000.00 | | \$3,013.33 |
| 38 | Sod replacement (Type: St. Augustine) | 5,000 | S.F. | \$1.00 | \$5,000.00 | \$1.00 | \$5,000.00 | \$4.75 | \$23,750.00 | \$1.00 | \$5,000.00 | \$2.00 | \$10,000.00 | \$2.30 | \$11,500.00 | \$1.00 | \$5,000.00 | | \$10,041.67 |
| 39 | Traffic control - flagman, each | 48 | HR | \$34.00 | \$1,632.00 | \$40.00 | \$1,920.00 | \$30.00 | \$1,440.00 | \$100.00 | \$4,800.00 | \$75.00 | \$3,600.00 | \$41.00 | \$1,968.00 | \$95.00 | \$4,560.00 | | \$3,048.00 |
| 40 | Traffic control - arrow board, each | 71 | DAY | \$140.00 | \$9,940.00 | \$50.00 | \$3,550.00 | \$55.00 | \$3,905.00 | \$100.00 | \$7,100.00 | \$100.00 | \$7,100.00 | \$100.00 | \$7,100.00 | \$60.00 | \$4,260.00 | | \$5,502.50 |
| 41 | Traffic control - barricade, each | 71 | DAY | \$234.00 | \$16,614.00 | \$6.00 | \$426.00 | \$2.00 | \$142.00 | \$10.00 | \$710.00 | \$25.00 | \$1,775.00 | \$18.00 | \$1,278.00 | \$50.00 | \$3,550.00 | | \$1,313.50 |
| 42 | Work in rear-yard easement (items 20 through 23) | 15 | EA | \$409.00 | \$6,135.00 | \$450.00 | \$6,750.00 | \$700.00 | \$10,500.00 | \$235.00 | \$3,525.00 | \$500.00 | \$7,500.00 | \$1,175.00 | \$17,625.00 | \$400.00 | \$6,000.00 | | \$8,650.00 |
| 43 | Expedited mobilization | 1 | EA | \$1,750.00 | \$1,750.00 | \$500.00 | \$500.00 | \$15,000.00 | \$15,000.00 | \$1,500.00 | \$1,500.00 | \$10,000.00 | \$10,000.00 | \$2,230.00 | \$2,230.00 | \$15,000.00 | \$15,000.00 | | \$7,371.67 |
| 44 | Undefined Allowance, cost allowance for work as directed by Engineer and upon authorization by the City of Hollywood Director of Public Utilities due to undefined conditions. | 1 | EA | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | | \$500,000.00 |
| | | | | TOTAL BASE BID | | | \$5,353,926.00 | | \$5,737,487.00 | | \$5,748,410.00 | | \$5,754,150.00 | | \$6,149,399.00 | | \$6,622,670.00 | | \$5,894,340.33 |