

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	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