


Project Name: Ellen & Division Inflow & Infiltration Reduction Project				Engineer's Estimate		National Water Main Cleaning Co.		Performance Pipeling, Inc.		BLD Services, LLC	
Project Number: 2018-01				City Engineering Division		25 Marshall Street Canton, MA 02021		1551 W. Norris Dr. Ottawa, IL 61350		2424 Tyler Street Kenner, LA 70062	
Bid Date: February 9, 2022 Time: 10:30 a.m. Fund: Sewer Fund Organization Code: 79487906 Object Code: 489030											
Item Number	Pay Item	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Cleaning and televising (mainline sanitary sewer, 6" and 10")	23,100	FT	\$8.00	\$184,800.00	\$10.40	\$240,240.00	\$3.48	\$80,388.00	\$4.40	\$101,640.00
2	Televising of sanitary sewer lateral	29,000	FT	\$7.00	\$203,000.00	\$17.50	\$507,500.00	\$6.65	\$192,850.00	\$3.00	\$87,000.00
3	Cleaning of sanitary sewer lateral	500	EA	\$250.00	\$125,000.00	\$2,500.00	\$1,250,000.00	\$466.25	\$233,125.00	\$250.00	\$125,000.00
4	Lateral reconnection (liner length less than or equal to 60.0 feet), 4-inch diameter	221	EA	\$4,500.00	\$994,500.00	\$3,750.00	\$828,750.00	\$4,135.00	\$913,835.00	\$6,250.00	\$1,381,250.00
5	Lateral reconnection (liner length 60.1 to 100.0 feet), 4-inch diameter	134	EA	\$5,500.00	\$737,000.00	\$3,750.00	\$502,500.00	\$4,235.00	\$567,490.00	\$6,500.00	\$871,000.00
6	Lateral reconnection (liner length greater than 100.0 feet), 4-inch diameter	20	EA	\$6,000.00	\$120,000.00	\$3,750.00	\$75,000.00	\$4,635.00	\$92,700.00	\$6,750.00	\$135,000.00
7	Lateral reconnection (liner length less than or equal to 80.0 feet), 6-inch diameter	110	EA	\$4,500.00	\$495,000.00	\$3,750.00	\$412,500.00	\$4,200.00	\$462,000.00	\$6,500.00	\$715,000.00
8	Lateral reconnection (liner length 80.1 to 100.0 feet), 6 inch diameter	7	EA	\$5,500.00	\$38,500.00	\$3,750.00	\$26,250.00	\$4,400.00	\$30,800.00	\$6,750.00	\$47,250.00
9	Lateral reconnection (liner length greater than 100.00 feet), 6-inch diameter	8	EA	\$6,000.00	\$48,000.00	\$3,750.00	\$30,000.00	\$4,800.00	\$38,400.00	\$7,000.00	\$56,000.00
10	Reinstatement for laterals that are not rehabilitated	50	EA	\$100.00	\$5,000.00	\$100.00	\$5,000.00	\$0.50	\$25.00	\$100.00	\$5,000.00
11	Credit for lateral reconnection at a manhole	4	EA	-\$500.00	-\$2,000.00	\$100.00	\$400.00	\$0.50	\$2.00	\$1.00	\$4.00
12	CIPP lateral liner, 4-inch diameter	22,100	FT	\$10.00	\$221,000.00	\$1.00	\$22,100.00	\$51.00	\$1,127,100.00	\$15.00	\$331,500.00
13	CIPP lateral liner, 6-inch diameter	6,900	FT	\$11.00	\$75,900.00	\$1.00	\$6,900.00	\$52.00	\$358,800.00	\$15.00	\$103,500.00
14	Protuding lateral cut-out	25	EA	\$300.00	\$7,500.00	\$200.00	\$5,000.00	\$267.00	\$6,675.00	\$560.00	\$14,000.00
15	Installation of mainline CIPP liner, 8 inch diameter	18,200	FT	\$25.00	\$455,000.00	\$30.00	\$546,000.00	\$25.68	\$467,376.00	\$26.00	\$473,200.00
16	Installation of mainline CIPP liner, 10 inch diameter	4,900	FT	\$35.00	\$171,500.00	\$30.00	\$147,000.00	\$33.98	\$166,502.00	\$31.75	\$155,575.00
17	Cured-in-place liner testing	84	EA	\$300.00	\$25,200.00	\$350.00	\$29,400.00	\$53.50	\$4,494.00	\$335.00	\$28,140.00
18	Traffic control (IL-48)	1	LS	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00	\$94,300.00	\$94,300.00	\$1,675.00	\$1,675.00
19	Traffic control (Grand Avenue)	1	LS	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$31,400.00	\$31,400.00	\$2,800.00	\$2,800.00
20	Manhole Rehabilitation with Polymer Liner	180	VLF	\$320.00	\$57,600.00	\$300.00	\$54,000.00	\$278.00	\$50,040.00	\$290.00	\$52,200.00
21	Internal chimney seal	53	EA	\$1,000.00	\$53,000.00	\$690.00	\$36,570.00	\$481.50	\$25,519.50	\$500.00	\$26,500.00
22	Manhole lid and frame, new	1	EA	\$4,500.00	\$4,500.00	\$4,140.00	\$4,140.00	\$3,424.00	\$3,424.00	\$3,900.00	\$3,900.00
23	Manhole lid and frame, adjustment	9	EA	\$3,500.00	\$31,500.00	\$4,140.00	\$37,260.00	\$3,424.00	\$30,816.00	\$3,900.00	\$35,100.00
24	Replacement of a broken or missing cleanout cap	35	EA	\$250.00	\$8,750.00	\$818.00	\$28,630.00	\$100.00	\$3,500.00	\$765.00	\$26,775.00
25	Downspout disconnections	10	EA	\$1,000.00	\$10,000.00	\$2,000.00	\$20,000.00	\$3,504.00	\$35,040.00	\$530.00	\$5,300.00
26	Temporary construction easement	500	EA	\$250.00	\$125,000.00	\$200.00	\$100,000.00	\$10.00	\$5,000.00	\$5.00	\$2,500.00
27	Sump pump inspections	285	EA	\$500.00	\$142,500.00	\$150.00	\$42,750.00	\$283.50	\$80,797.50	\$295.00	\$84,075.00
28	Sump pump disconnections	20	EA	\$4,000.00	\$80,000.00	\$1,380.00	\$27,600.00	\$942.00	\$18,840.00	\$980.00	\$19,600.00
Items When Ordered in Writing by Engineer During Construction											
29	Dye testing	20	EA	\$400.00	\$8,000.00	\$750.00	\$15,000.00	\$225.00	\$4,500.00	\$280.00	\$5,600.00
30	Cleanout installed for lateral rehabilitation	125	EA	\$4,500.00	\$562,500.00	\$600.00	\$75,000.00	\$1,000.00	\$125,000.00	\$2,000.00	\$250,000.00
31	Cleanout installed for lateral replacement	25	EA	\$500.00	\$12,500.00	\$600.00	\$15,000.00	\$4,748.00	\$118,700.00	\$2,500.00	\$62,500.00
32	New lateral wye or tee connection with existing mainline sanitary sewer	5	EA	\$2,500.00	\$12,500.00	\$1,725.00	\$8,625.00	\$1,284.00	\$6,420.00	\$1,675.00	\$8,375.00
33	Repair cleanout (0-18-inches feet deep)	5	EA	\$500.00	\$2,500.00	\$2,185.00	\$10,925.00	\$1,605.00	\$8,025.00	\$2,115.00	\$10,575.00
34	Hot mix asphalt (HMA) restoration	50	TONS	\$500.00	\$25,000.00	\$694.00	\$34,700.00	\$615.00	\$30,750.00	\$700.00	\$35,000.00
35	Portland cement concrete driveway, 5-inch	75	SY	\$150.00	\$11,250.00	\$119.00	\$8,925.00	\$96.00	\$7,200.00	\$115.00	\$8,625.00
36	Portland cement concrete driveway, 6-inch	75	SY	\$165.00	\$12,375.00	\$185.00	\$13,875.00	\$150.00	\$11,250.00	\$175.00	\$13,125.00
37	Portland cement concrete roadway, 8-inch	25	SY	\$200.00	\$5,000.00	\$397.00	\$9,925.00	\$321.00	\$8,025.00	\$365.00	\$9,125.00
38	Concrete curb and gutter removal and replacement	20	FT	\$150.00	\$3,000.00	\$496.00	\$9,920.00	\$401.00	\$8,020.00	\$460.00	\$9,200.00
39	Seeding and topsoil restoration	350	SY	\$20.00	\$7,000.00	\$38.00	\$13,300.00	\$31.00	\$10,850.00	\$36.00	\$12,600.00
40	Saw cutting existing asphalt or concrete	300	FT	\$8.00	\$2,400.00	\$8.25	\$2,475.00	\$7.00	\$2,100.00	\$8.25	\$2,475.00
41	Trench backfill	300	CY	\$50.00	\$15,000.00	\$79.00	\$23,700.00	\$69.50	\$20,850.00	\$79.00	\$23,700.00
42	Chemical sealing, grout	20	EA	\$500.00	\$10,000.00	\$2,000.00	\$40,000.00	\$0.50	\$10.00	\$1,565.00	\$31,300.00
43	Point sewer repair, 4-inch diameter sewer or lateral	90	FT	\$65.00	\$5,850.00	\$250.00	\$22,500.00	\$203.50	\$18,315.00	\$235.00	\$21,150.00
44	Point sewer repair, 6-inch diameter sewer or lateral	90	FT	\$85.00	\$7,650.00	\$291.00	\$26,190.00	\$235.40	\$21,186.00	\$269.00	\$24,210.00
45	Point sewer repair, 8-inch diameter sewer or lateral	42	FT	\$110.00	\$4,620.00	\$397.00	\$16,674.00	\$321.00	\$13,482.00	\$367.00	\$15,414.00
46	Point sewer repair, 10-inch diameter sewer or lateral	12	FT	\$120.00	\$1,440.00	\$496.00	\$5,952.00	\$401.25	\$4,815.00	\$458.00	\$5,496.00
47	Excavation for point repair, 0-5.0 ft	2	EA	\$2,500.00	\$5,000.00	\$4,625.00	\$9,250.00	\$3,745.00	\$7,490.00	\$4,280.00	\$8,560.00
48	Excavation for point repair, 5.1-8.0 ft	2	EA	\$3,500.00	\$7,000.00	\$9,200.00	\$18,400.00	\$7,490.00	\$14,980.00	\$8,562.00	\$17,124.00
49	Excavation for point repair, >8 ft	6	EA	\$5,500.00	\$33,000.00	\$11,750.00	\$70,500.00	\$9,630.00	\$57,780.00	\$11,000.00	\$66,000.00
50	Seal abandoned storm or sanitary connections at manholes	3	EA	\$300.00	\$900.00	\$1,200.00	\$3,600.00	\$535.00	\$1,605.00	\$560.00	\$1,680.00
51	Verification of existing foundation drain connection	10	EA	\$1,000.00	\$10,000.00	\$1,000.00	\$10,000.00	\$100.00	\$1,000.00	\$300.00	\$3,000.00
52	Alterations, cancellations, extensions, deductions and extra work	1	LS	\$350,000.00	\$350,000.00	\$350,000.00	\$350,000.00	\$350,000.00	\$350,000.00	\$350,000.00	\$350,000.00
TOTAL BIDS (AS CORRECTED)				\$5,567,235.00		\$5,829,926.00		\$5,973,592.00		\$5,885,318.00	
Percent Over Under ENGINEER'S ESTIMATE						4.72%		7.30%		5.71%	


 Paul E. Caswell, P.E., City Engineer

2/15/2022
 Date