

Project Name: 2023 Trenchless Long Lining Repairs				Engineer's Estimate		Hoerr Construction Inc. P.O. Box 65 Goodfield, IL 61742		SAK Construction, LLC 864 Hoff Road O'Fallon, MO 63366		Insituform Technologies USA 580 Goddard Avenue Chesterfield, MO 63005		National Power Rodding 2500 West Arthington Street Chicago, IL 60612		
Project Number: 2023-28														
Bid Date: July 6, 2023														
Time: 10:00 a.m.														
Fund: Sewer Fund & Storm Sewer Fund Organization Code: 79487906,78487806 Object Code: 489030,489040														
Item Number		Pay Item	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1		SANITARY SEWER LINER, 8 INCH	5,450	FOOT	\$30.00	\$163,500.00	\$41.50	\$226,175.00	\$31.00	\$168,950.00	\$35.45	\$1,063.50	\$65.85	\$358,882.50
2		SANITARY SEWER LINER, 10 INCH	4,935	FOOT	\$32.00	\$157,920.00	\$36.00	\$177,660.00	\$39.00	\$192,465.00	\$32.13	\$1,028.16	\$65.85	\$324,969.75
3		SANITARY SEWER LINER, 12 INCH	2,940	FOOT	\$36.00	\$105,840.00	\$44.00	\$129,360.00	\$50.00	\$147,000.00	\$42.69	\$1,536.84	\$65.85	\$193,599.00
4		SANITARY SEWER LINER, 15 INCH	1,030	FOOT	\$61.00	\$62,830.00	\$72.50	\$74,675.00	\$98.00	\$100,940.00	\$67.00	\$4,087.00	\$78.60	\$80,958.00
5		SANITARY SEWER LINER, 18 INCH	585	FOOT	\$75.00	\$43,875.00	\$84.00	\$49,140.00	\$96.00	\$56,160.00	\$102.57	\$7,692.75	\$78.60	\$45,981.00
6		SANITARY SEWER LINER, 21 INCH	280	FOOT	\$90.00	\$25,200.00	\$128.00	\$35,840.00	\$119.00	\$33,320.00	\$138.46	\$12,461.40	\$365.00	\$102,200.00
7		SANITARY SEWER LINER, 24 INCH	185	FOOT	\$150.00	\$27,750.00	\$190.00	\$35,150.00	\$168.00	\$31,080.00	\$197.09	\$29,563.50	\$475.00	\$87,875.00
8		SANITARY SEWER LINER, 27 INCH	0	FOOT	\$165.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9		STORM SEWER LINER, 12 INCH	0	FOOT	\$115.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10		STORM SEWER LINER, 18 INCH	0	FOOT	\$140.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11		STORM SEWER LINER, 36 INCH	0	FOOT	\$200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12		PROTRUDING LATERAL CUT-OUT	32	EACH	\$300.00	\$9,600.00	\$350.00	\$11,200.00	\$250.00	\$8,000.00	\$439.77	\$14,072.64	\$500.00	\$16,000.00
13		LATERAL REINSTATEMENT	387	EACH	\$100.00	\$38,700.00	\$100.00	\$38,700.00	\$50.00	\$19,350.00	\$89.71	\$34,717.77	\$250.00	\$96,750.00
14		FINAL PROJECT REPORT	1	L SUM	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$500.00	\$500.00	\$2,500.00	\$2,500.00	\$15,000.00	\$15,000.00
15		CURED-IN-PLACE LINER TESTING	46	EACH	\$300.00	\$13,800.00	\$180.00	\$8,280.00	\$300.00	\$13,800.00	\$325.00	\$14,950.00	\$400.00	\$18,400.00
16		ALTERATIONS, CANCELLATIONS, EXTENSIONS, DEDUCTIONS AND EXTRA WORK	1	EACH	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00
17		INITIAL SEWER CLEANING AND VIDEO INSPECTION 8-24	15,405	FOOT	\$7.00	\$107,835.00	\$3.80	\$58,539.00	\$6.00	\$92,430.00	\$8.17	\$125,858.85	\$5.00	\$77,025.00
18		INITIAL SEWER CLEANING AND VIDEO INSPECTION >24	0	FOOT	\$18.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00
TOTAL BASE BIDS (AS CORRECTED)						\$798,850.00		\$886,719.00		\$903,995.00		\$913,615.81		\$1,457,640.25
Percent Over Under ENGINEER'S ESTIMATE								11.00%		13.00%		14.00%		82.00%
ALTERNATE "A"														
A.1		SANITARY SEWER LINER, 8 INCH	630	FOOT	\$30.00	\$18,900.00	\$28.00	\$17,640.00	\$41.00	\$25,830.00	\$23.55	\$14,836.50	\$80.00	\$50,400.00
A.2		LATERAL REINSTATEMENT	16	EACH	\$100.00	\$1,600.00	\$100.00	\$1,600.00	\$50.00	\$800.00	\$104.62	\$1,673.92	\$500.00	\$8,000.00
A.3		CURED-IN-PLACE LINER TESTING	1	EACH	\$300.00	\$300.00	\$180.00	\$180.00	\$300.00	\$300.00	\$325.00	\$325.00	\$1,000.00	\$1,000.00
A.4		INITIAL SEWER CLEANING AND VIDEO INSPECTION 8-24	360	FOOT	\$7.00	\$2,520.00	\$4.00	\$1,440.00	\$6.00	\$2,160.00	\$6.63	\$2,386.80	\$15.00	\$5,400.00
TOTAL ALTERNATE "A" BIDS (AS CORRECTED)						\$23,320.00		\$20,860.00		\$29,090.00		\$19,222.22		\$64,800.00
ALTERNATE "B"														
B.1		SANITARY SEWER LINER, 8 INCH	430	FOOT	\$30.00	\$12,900.00	\$32.00	\$13,760.00	\$41.00	\$17,630.00	\$28.16	\$12,108.80	\$85.00	\$36,550.00
B.2		LATERAL REINSTATEMENT	31	EACH	\$100.00	\$100.00	\$100.00	\$3,100.00	\$50.00	\$1,550.00	\$104.62	\$3,243.22	\$300.00	\$9,300.00
B.3		CURED-IN-PLACE LINER TESTING	1	EACH	\$300.00	\$300.00	\$180.00	\$180.00	\$300.00	\$300.00	\$325.00	\$325.00	\$1,000.00	\$1,000.00
B.4		INITIAL SEWER CLEANING AND VIDEO INSPECTION 8-24	430	FOOT	\$7.00	\$3,010.00	\$4.00	\$1,720.00	\$6.00	\$2,580.00	\$6.70	\$2,881.00	\$5.50	\$2,365.00
TOTAL ALTERNATE "B" BIDS (AS CORRECTED)						\$16,310.00		\$18,760.00		\$22,060.00		\$18,558.02		\$49,215.00
ALTERNATE "C"														
C.1		SANITARY SEWER LINER, 10 INCH	500	FOOT	\$40.00	\$20,000.00	\$36.50	\$18,250.00	\$48.00	\$24,000.00	\$31.87	\$15,935.00	\$80.00	\$40,000.00
C.2		LATERAL REINSTATEMENT	1	EACH	\$100.00	\$100.00	\$100.00	\$100.00	\$50.00	\$50.00	\$1,600.17	\$1,600.17	\$500.00	\$500.00
C.3		PROTRUDING LATERAL CUT-OUT	1	EACH	\$352.00	\$352.00	\$350.00	\$350.00	\$250.00	\$250.00	\$455.29	\$455.29	\$500.00	\$500.00
C.4		CURED-IN-PLACE LINER TESTING	1	EACH	\$300.00	\$300.00	\$180.00	\$180.00	\$300.00	\$300.00	\$325.00	\$325.00	\$1,000.00	\$1,000.00
C.5		INITIAL SEWER CLEANING AND VIDEO INSPECTION 8-24	500	FOOT	\$7.00	\$3,500.00	\$4.50	\$2,250.00	\$6.00	\$3,000.00	\$6.18	\$3,090.00	\$5.50	\$2,750.00
TOTAL ALTERNATE "C" BIDS (AS CORRECTED)						\$24,252.00		\$21,130.00		\$27,600.00		\$21,405.46		\$44,750.00
ALTERNATE "D"														
D.1		SANITARY SEWER LINER, 12 INCH	670	FOOT	\$65.00	\$43,550.00	\$40.00	\$26,800.00	\$48.00	\$32,160.00	\$33.62	\$22,525.40	\$80.00	\$53,600.00
D.2		LATERAL REINSTATEMENT	14	EACH	\$100.00	\$1,400.00	\$100.00	\$1,400.00	\$50.00	\$700.00	\$73.09	\$1,023.26	\$300.00	\$4,200.00
D.3		CURED-IN-PLACE LINER TESTING	1	EACH	\$300.00	\$300.00	\$180.00	\$180.00	\$300.00	\$300.00	\$325.00	\$325.00	\$1,000.00	\$1,000.00
D.4		INITIAL SEWER CLEANING AND VIDEO INSPECTION 8-24	670	FOOT	\$7.00	\$4,690.00	\$4.00	\$2,680.00	\$6.00	\$4,020.00	\$6.18	\$4,140.60	\$5.50	\$3,685.00
TOTAL ALTERNATE "D" BIDS (AS CORRECTED)						\$48,640.00		\$31,060.00		\$37,180.00		\$28,014.26		\$62,485.00
ALTERNATE "E"														
E.1		SANITARY SEWER LINER, 15 INCH	290	FOOT	\$40.00	\$11,600.00	\$94.00	\$27,260.00	\$88.00	\$25,520.00	\$68.02	\$19,725.80	\$85.00	\$24,650.00
E.2		LATERAL REINSTATEMENT	7	EACH	\$100.00	\$700.00	\$100.00	\$700.00	\$50.00	\$350.00	\$68.27	\$477.89	\$500.00	\$3,500.00
E.3		CURED-IN-PLACE LINER TESTING	1	EACH	\$300.00	\$300.00	\$180.00	\$180.00	\$300.00	\$300.00	\$325.00	\$325.00	\$1,000.00	\$1,000.00
E.4		INITIAL SEWER CLEANING AND VIDEO INSPECTION 8-24	290	FOOT	\$7.00	\$2,030.00	\$8.00	\$2,320.00	\$6.00	\$1,740.00	\$11.71	\$3,395.90	\$10.00	\$2,900.00
TOTAL ALTERNATE "E" BIDS (AS CORRECTED)						\$14,030.00		\$30,460.00		\$27,910.00		\$23,924.59		\$32,050.00
SANTARY (BASE BID)						\$798,850.00		\$886,719.00		\$903,995.00		\$913,615.81		\$1,457,640.25
STORM (BASE BID)						\$0.00		\$0.00		\$0.00		\$0.00		\$0.00

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Item Number	Pay Item	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
				TOTAL (BASE BID)	\$798,850.00		\$886,719.00		\$903,995.00		\$913,615.81		\$1,457,640.25
				ALTERNATE "A"	\$23,320.00		\$20,860.00		\$29,090.00		\$19,222.22		\$64,800.00
				ALTERNATE "B"	\$16,310.00		\$18,760.00		\$22,060.00		\$18,558.02		\$49,215.00
				ALTERNATE "C"	\$24,252.00		\$21,130.00		\$27,600.00		\$21,405.46		\$44,750.00
				ALTERNATE "D"	\$48,640.00		\$31,060.00		\$37,180.00		\$28,014.26		\$62,485.00
				ALTERNATE "E"	\$14,030.00		\$30,460.00		\$27,910.00		\$23,924.59		\$32,050.00
	TOTAL (BASE BID + ALTERNATES "A-E") (AS CORRECTED)			TOTAL (BASE + ALTS)	\$925,402.00		\$1,008,989.00		\$1,047,835.00		\$1,024,740.36		\$1,710,940.25

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

 Date

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