Project Name: 2018 Trenchless Long Lining Repairs Project  Project Number: 2018-28  Bid Date: Wednesday, June 20, 2018  Time: 10:30 A.M.  Fund: Sewer Fund & Storm Water Fund  Organization Code: 79487906, 78487806  Object Code: 489030, 489040				Engineer's Estimate City Engineering Division		Insituform Technologies USA, LLC 17988 Edison Avenue Chesterfield, MO 63005 Ph: 636-530-8000 Frank R. Firsching, Pres. Janet Hass jhass@aegion.com		Hoerr Construction, Inc. 1416 County Road 200 N Goodfield, IL 61742  Ph: 309-691-6653  Max P. Hoerr, II, Pres. info@hoerr.com		SAK Construction, LLC 864 Hoff Road O'Fallon, MO 63366  Ph: 636-385-1000  Jerome P. Shaw, Jr., Pres. Boyd Hirtz, V.P. bidcippc@sakcon.com		Visu-Sewer, Inc. W230 N4855 Betker Dr. Pewaukee, WI 53072  Ph: 262-695-2340  Keith M. Alexander, Pres. John E. Nelson Jr. visu-info@visu-sewer.com	
Item No.	Pay Item	QTY	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	SANITARY SEWER LINER, 8 INCH	4,730	FOOT	\$25.00	\$118,250.00	\$20.50	\$96,965.00	\$23.60	\$111,628.00	\$19.50	\$92,235.00	\$22.00	\$104,060.00
2	SANITARY SEWER LINER, 10 INCH	1,258	FOOT	\$28.00	\$35,224.00	\$25.00	\$31,450.00	\$33.00	\$41,514.00	\$25.00	\$31,450.00	\$28.30	\$35,601.40
3	SANITARY SEWER LINER, 12 INCH	3,543	FOOT	\$35.00	\$124,005.00	\$25.00	\$88,575.00	\$32.00	\$113,376.00	\$30.00	\$106,290.00	\$32.80	\$116,210.40
4	SANITARY SEWER LINER, 15 INCH	1,438	FOOT	\$45.00	\$64,710.00	\$43.00	\$61,834.00	\$39.00	\$56,082.00	\$56.00	\$80,528.00	\$66.70	\$95,914.60
5	SANITARY SEWER LINER, 18 INCH	449	FOOT	\$60.00	\$26,940.00	\$82.00	\$36,818.00	\$85.00	\$38,165.00	\$80.00	\$35,920.00	\$98.00	\$44,002.00
6	SANITARY SEWER LINER, 24 INCH	778	FOOT	\$70.00	\$54,460.00	\$99.00	\$77,022.00	\$96.00	\$74,688.00	\$120.00	\$93,360.00	\$114.50	\$89,081.00
7	SANTARY SEWER LINER, 27 INCH	900	FOOT	\$80.00	\$72,000.00	\$95.00	\$85,500.00	\$116.00	\$104,400.00	\$117.00	\$105,300.00	\$128.00	\$115,200.00
8	SANITARY SEWER LINER, 33 INCH	285	FOOT	\$120.00	\$34,200.00	\$140.00	\$39,900.00	\$168.00	\$47,880.00	\$176.00	\$50,160.00	\$201.50	\$57,427.50
9	STORM SEWER LINER, 12 INCH	185	FOOT	\$50.00	\$9,250.00	\$37.00	\$6,845.00	\$37.00	\$6,845.00	\$33.00	\$6,105.00	\$32.80	\$6,068.00
10	STORM SEWER LINER, 21 INCH	160	FOOT	\$80.00	\$12,800.00	\$80.00	\$12,800.00	\$80.00	\$12,800.00	\$113.00	\$18,080.00	\$98.00	\$15,680.00
11	STORM SEWER LINER, 30 INCH	135	FOOT	\$150.00	\$20,250.00	\$190.00	\$25,650.00	\$145.00	\$19,575.00	\$175.00	\$23,625.00	\$175.00	\$23,625.00
12	PROTRUDING LATERAL CUT-OUT	13	EACH	\$250.00	\$3,250.00	\$50.00	\$650.00	\$350.00	\$4,550.00	\$150.00	\$1,95 <mark>0</mark> .00	\$125.00	\$1,625.00
13	LATERAL REINSTATEMENT	330	EACH	\$50.00	\$16,500.00	\$25.00	\$8,250.00	\$100.00	\$33,000.00	\$75.00	\$24,750.00	\$150.00	\$49,500.00
14	FINAL PROJECT REPORT	1	L SUM	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$300.00	\$300.00
15	CURED-IN-PLACE LINER TESTING	52	EACH	\$300.00	<b>\$</b> 15,600.00	\$50.00	\$2,600.00	\$180.00	\$9,360.00	\$225.00	\$11,700.00	\$150.00	\$7,800.00
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	12,541	EACH	\$3.00	\$37,623.00	\$6.00	\$75,246.00	\$2.40	\$30,098.40	\$4.50	\$56,434.50	\$2.60	\$32,606.60
18	INITIAL SEWER CLEANING AND VIDEO INSPECTION >24	1,665	EACH	\$6.00	\$9,990.00	\$11.50	\$19,147.50	\$4.80	\$7,992.00	\$7.00	\$11,655.00	\$3.50	\$5,827.50
19	SANITARY SEWER LINER, 30 INCH	345	FOOT	\$100.00	\$34,500.00	\$125.00	\$43,125.00	\$147.00	\$50,715.00	\$110.00	\$37,950.00	\$175.00	\$60,375.00
	TOTAL BIDS (AS CORRECTED)				\$731,552.00		\$754,877.50		\$803,668.40		\$827,992.50		\$900,904.00
	Percent Over Under ENGINEER'S ESTIMATE	3					3.19%		9.86%		13.18%		23.15%

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

Date