

				Insight Pipe Contracting, LLC		Insituform Technologies		JET JACK	
Project No.: 2020-424-106-1									
Project Name: 2021 Small Diameter Sewer Rehabilitation Contract 2 Re-Bid				\$4,112,410.40		\$2,632,447.20		\$2,966,367.80	
								\$0	
Items	Description	UOM	Est Qty	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost
U-1	Mobilization / Demobilization, Permits, Bonds and Insurance, Maintenance and Protection of Traffic	LS	1	\$124,000.00	\$124,000.00	\$98,000.00	\$98,000.00	\$120,000.00	\$120,000.00
U-4	Rock and Obstruction Excavation, All Depths	CY	20	\$22	\$440	\$26.50	\$530.00	\$10	\$200
U-5	Exploratory Excavation and Backfill	CY	30	\$67	\$2,010.00	\$155	\$4,650.00	\$100	\$3,000.00
U-6	Hand Digging and Tunneling	MHR	25	\$64	\$1,600.00	\$40	\$1,000.00	\$50	\$1,250.00
U-7	Additional Bedding Material as Directed	CY	50	\$67	\$3,350.00	\$30	\$1,500.00	\$55	\$2,750.00
U-10	Flowable Fill	CY	50	\$222	\$11,100.00	\$105	\$5,250.00	\$50	\$2,500.00
U-11	Dewatering Pumping as Directed	HR	200	\$72	\$14,400.00	\$20	\$4,000.00	\$75	\$15,000.00
U-12	Flag Person	MHR	2092	\$75	\$156,900.00	\$70	\$146,440.00	\$65	\$135,980.00
U-13	Off Duty Uniformed Officer (same as Flag)	MHR	1042	\$64	\$66,688.00	\$58	\$60,436.00	\$50	\$52,100.00
U-14	Miscellaneous Work Time for a Full Crew	CHR	180	\$900	\$162,000.00	\$600	\$108,000.00	\$850	\$153,000.00
U-15	Miscellaneous Premium Work Time for a Full Crew	CHR	24	\$1,200.00	\$28,800.00	\$150	\$3,600.00	\$450	\$10,800.00
U-17	Master Plumber Time	MHR	40	\$72	\$2,880.00	\$40	\$1,600.00	\$60	\$2,400.00
U-18	Journeyman Plumber Time	MHR	40	\$72	\$2,880.00	\$40	\$1,600.00	\$60	\$2,400.00
U-501	Erosion and Sediment Control	LS	1	\$3,333.00	\$3,333.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00
S-1	8" PVC SDR 26 Sewer Pipe	LF	20	\$72	\$1,440.00	\$65	\$1,300.00	\$75	\$1,500.00
S-2	10" PVC SDR 26 Sewer Pipe	LF	15	\$72	\$1,080.00	\$65	\$975.00	\$75	\$1,125.00
S-3	12" PVC SDR 26 Sewer Pipe	LF	20	\$72	\$1,440.00	\$75	\$1,500.00	\$80	\$1,600.00
S-4	15" PVC SDR 26 Sewer Pipe	LF	151.8	\$161	\$24,439.80	\$155	\$23,529.00	\$150	\$22,770.00
S-5	18" PVC SDR 26 Sewer Pipe	LF	44	\$139	\$6,116.00	\$150	\$6,600.00	\$150	\$6,600.00
S-10	24" PVC SDR 26 Sewer Pipe	LF	10	\$139	\$1,390.00	\$160	\$1,600.00	\$175	\$1,750.00
S-34	Sewer Laterals (4" to 10" PVC)	LF	20	\$56	\$1,120.00	\$55	\$1,100.00	\$65	\$1,300.00
S-35	Trench Excavation 0' - 15' Depth	CY	990.08	\$205	\$202,966.40	\$170	\$168,313.60	\$165	\$163,363.20
S-36	Additional Trench Excavation (Greater than 15' Depth)	CY	50	\$211	\$10,550.00	\$190	\$9,500.00	\$175	\$8,750.00
S-37	Aggregate Trench Backfill Above Pipe Zone	CY	658.56	\$75	\$49,392.00	\$65	\$42,806.40	\$60	\$39,513.60
S-38	Earthen Backfill Above Pipe Zone	CY	106.4	\$33	\$3,511.20	\$35	\$3,724.00	\$25	\$2,660.00
S-39	Additional PVC Fittings - 10" and smaller	EA	4	\$139	\$556	\$135	\$540	\$450	\$1,800.00
S-40	Additional PVC Fittings - Larger than 10"	EA	47	\$278	\$13,066.00	\$265	\$12,455.00	\$700	\$32,900.00
S-42	Wye Installation New Sewer Main, < 15" (And Laterals)	EA	13	\$889	\$11,557.00	\$850	\$11,050.00	\$700	\$9,100.00
S-43	Wye Installation New Sewer Main, > 15" (And Laterals)	EA	2	\$2,083.00	\$4,166.00	\$2,000.00	\$4,000.00	\$1,500.00	\$3,000.00
S-48	Sewer Lateral Reinstatement	EA	980	\$100	\$98,000.00	\$50	\$49,000.00	\$45	\$44,100.00
S-49	48" Pre-Cast Manhole (0' to 15' Depth)	EA	16	\$10,000.00	\$160,000.00	\$9,500.00	\$152,000.00	\$10,000.00	\$160,000.00
S-50	60" Pre-Cast Manhole (0' to 15' Depth)	EA	1	\$11,667.00	\$11,667.00	\$10,500.00	\$10,500.00	\$10,000.00	\$10,000.00
S-52	48" Pre-Cast Manhole (Over 15' Depth)	VF	30	\$111	\$3,330.00	\$106	\$3,180.00	\$105	\$3,150.00
S-53	60" Pre-Cast Manhole (Over 15' Depth)	VF	15	\$222	\$3,330.00	\$106	\$1,590.00	\$210	\$3,150.00
S-55	Manhole Tie-in Connections	EA	34	\$444	\$15,096.00	\$275	\$9,350.00	\$375	\$12,750.00
S-66	Catch Basin, Type I Modified	EA	1	\$444	\$444	\$9,500.00	\$9,500.00	\$7,500.00	\$7,500.00
S-69	Catch Basin/Inlet Tie-in	EA	2	\$1,100.00	\$2,200.00	\$106	\$212	\$105	\$210
S-81	8" Diameter Full Lining	LF	247	\$50	\$12,350.00	\$68	\$16,796.00	\$27	\$6,669.00
S-82	10" Diameter Full Lining	LF	769	\$48	\$36,912.00	\$24	\$18,456.00	\$28	\$21,532.00
S-83	12" Diameter Full Lining	LF	2373	\$56	\$132,888.00	\$33.50	\$79,495.50	\$40	\$94,920.00
S-84	15" Diameter Full Lining	LF	16580	\$74	\$1,226,920.00	\$44.75	\$741,955.00	\$50	\$829,000.00
S-85	18" Diameter Full Lining	LF	3174	\$84	\$266,616.00	\$55.25	\$175,363.50	\$68	\$215,832.00
S-86	20" Diameter Full Lining	LF	283	\$145	\$41,035.00	\$76.25	\$21,578.75	\$80	\$22,640.00
S-87	21" Diameter Full Lining	LF	567	\$110	\$62,370.00	\$62.25	\$35,295.75	\$105	\$59,535.00
S-88	24" Diameter Full Lining	LF	2806	\$130	\$364,780.00	\$95.25	\$267,271.50	\$105	\$294,630.00
S-90	Heavy Sewer Cleaning	HR	362.88	\$600	\$217,728.00	\$1	\$362.88	\$350	\$127,008.00
S-90A	Mechanical Cleaning, as Directed	HR	24	\$600	\$14,400.00	\$1	\$24	\$50	\$1,200.00
S-91	Heavy Roots and Deposit Removal	HR	208.32	\$600	\$124,992.00	\$1	\$208.32	\$150	\$31,248.00
S-92	Grinding of Protruding Sewer Lateral Connection	EA	80	\$600	\$48,000.00	\$200	\$16,000.00	\$75	\$6,000.00
S-93	Vacuum Truck	HR	80	\$465	\$37,200.00	\$550	\$44,000.00	\$400	\$32,000.00
S-99	CCTV Inspection - 8" to 15" Diameter	LF	4000	\$2.59	\$10,360.00	\$2.65	\$10,600.00	\$3.60	\$14,400.00
S-100	CCTV Inspection - 16" to 24" Diameter	LF	320	\$2.65	\$848.00	\$2.65	\$848.00	\$4.50	\$1,440.00
R-1	Concrete Paving Base	CY	79	\$472	\$37,288.00	\$425	\$33,575.00	\$415	\$32,785.00
R-2	Reinforced Concrete Driveway and Road	CY	5	\$444	\$2,220.00	\$275	\$1,375.00	\$325	\$1,625.00
R-3	Concrete Sidewalk and ADA Handicapped Ramp	SY	130	\$211	\$27,430.00	\$50	\$6,500.00	\$100	\$13,000.00
R-4	Concrete Deep Curb and Deep Radius Curb	LF	101	\$89	\$8,989.00	\$85	\$8,585.00	\$60	\$6,060.00
R-7	Cold Patch Bituminous Pavement Replacement	TON	30	\$139	\$4,170.00	\$127	\$3,810.00	\$100	\$3,000.00
R-8	Milling Wearing Course	SY	2275	\$13	\$29,575.00	\$7.50	\$17,062.50	\$5.75	\$13,081.25
R-9	Milling - Binder Course - Primary Street	SY	1594	\$13	\$20,722.00	\$7.50	\$11,955.00	\$5.75	\$9,165.50
R-10	Milling - Binder Course - Secondary Street	SY	691	\$13	\$8,983.00	\$7.50	\$5,182.50	\$5.75	\$3,973.25
R-11	Bituminous Pavement - Wearing Course	TON	21	\$172	\$3,612.00	\$225	\$4,725.00	\$120	\$2,520.00
R-12	Bituminous Pavement - Binder Course - Primary Street	TON	11	\$172	\$1,892.00	\$225	\$2,475.00	\$120	\$1,320.00
R-13	Bituminous Pavement Replacement - Binder Course - Secondary Street	TON	22	\$172	\$3,784.00	\$225	\$4,950.00	\$120	\$2,640.00
R-15	Brick Street Repaving	SY	100	\$278	\$27,800.00	\$290	\$29,000.00	\$100	\$10,000.00
R-18	Hydroseeding	SY	1808	\$11	\$19,888.00	\$10.50	\$18,984.00	\$5	\$9,040.00
R-19	Landscape Restoration	SY	69	\$11	\$759	\$9	\$621	\$3	\$207
R-20	Clearing & Grubbing	SY	188	\$28	\$5,264.00	\$27	\$5,076.00	\$5	\$940
R-21	Crushed Stone Sub-Base	CY	73	\$67	\$4,891.00	\$65	\$4,745.00	\$45	\$3,285.00
R-25	4" Traffic Markings - (LF)	LF	1000	\$10	\$10,000.00	\$9.50	\$9,500.00	\$3	\$3,000.00
R-28	Replace Manhole Casting with New Casting and/or Raise Casting up to 1-foot in Depth	EA	11	\$2,556.00	\$28,116.00	\$2,400.00	\$26,400.00	\$1,000.00	\$11,000.00
R-31	Raise Manhole to Grade, 48" Diameter, 1-4 ft. Depth - (VF)	VF	16	\$1,111.00	\$17,776.00	\$1,050.00	\$16,800.00	\$1,000.00	\$16,000.00
R-34	Raise Manhole to Grade, 48" Diameter, < 4 ft. Depth - (VF)	VF	16	\$1,666.00	\$26,656.00	\$1,350.00	\$21,600.00	\$1,000.00	\$16,000.00
R-38	Dry Stone / Block Wall Replacement	SY	10	\$236	\$2,360.00	\$80	\$800	\$200	\$2,000.00
R-43	Tree and Stump Removal	EA	1	\$1,778.00	\$1,778.00	\$250	\$250	\$500	\$500
R-44	Tree Removal & Replace	EA	10	\$1,270.00	\$12,700.00	\$625	\$6,250.00	\$500	\$5,000.00
R-46	Remove and Reset Fence and Guide Rail	LF	20	\$56	\$1,120.00	\$27	\$540	\$10	\$200