

				Insight Pipe Contracting, LLC		Insituform Technologies		JET JACK	
Project No.: 2020-424-106-0									
Project Name: 2021 Small Diameter Sewer Rehabilitation Contract 1 Re-Bid				\$4,798,682.70		\$3,079,920.00		\$2,881,594.00	
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	\$100,000.00	\$100,000.00	\$81,000.00	\$81,000.00	\$90,000.00	\$90,000.00
U-4	Rock and Obstruction Excavation, All Depths	CY	10	\$21	\$210	\$32	\$320	\$20	\$200
U-5	Exploratory Excavation and Backfill	CY	25	\$63	\$1,575.00	\$175	\$4,375.00	\$100	\$2,500.00
U-6	Hand Digging and Tunneling	MHR	20	\$61	\$1,220.00	\$40	\$800	\$50	\$1,000.00
U-7	Additional Bedding Material, As Directed	CY	20	\$63	\$1,260.00	\$30	\$600	\$55	\$1,100.00
U-8	Concrete Encasement	CY	5	\$157	\$785	\$157	\$785	\$100	\$500
U-10	Flowable Fill	CY	10	\$210	\$2,100.00	\$105	\$1,050.00	\$50	\$500
U-11	Dewatering Pumping as Directed	HR	20	\$68	\$1,360.00	\$68	\$1,360.00	\$75	\$1,500.00
U-12	Flag Person	MHR	2800	\$72	\$201,600.00	\$70	\$196,000.00	\$65	\$182,000.00
U-13	Off Duty Uniformed Officer	MHR	128	\$61	\$7,808.00	\$58	\$7,424.00	\$50	\$6,400.00
U-14	Miscellaneous Work Time for a Full Crew	CHR	20	\$1,070.00	\$21,400.00	\$660	\$13,200.00	\$850	\$17,000.00
U-15	Miscellaneous Premium Work for Full Time Crew	CHR	10	\$1,281.00	\$12,810.00	\$150	\$1,500.00	\$450	\$4,500.00
U-17	Master Plumber Time	MHR	8	\$68	\$544	\$40	\$320	\$60	\$480
U-18	Journeyman Plumber Time	MHR	8	\$68	\$544	\$40	\$320	\$60	\$480
U-501	Erosion and Sediment Control	LS	1	\$3,157.00	\$3,157.00	\$3,200.00	\$3,200.00	\$2,000.00	\$2,000.00
S-1	8" PVC SDR 26 Sewer Pipe	LF	10	\$68	\$680	\$70	\$700	\$75	\$750
S-3	12" PVC SDR 26 Sewer Pipe	LF	10	\$68	\$680	\$68	\$680	\$75	\$750
S-4	15" PVC SDR 26 Sewer Pipe	LF	70	\$152	\$10,640.00	\$175	\$12,250.00	\$150	\$10,500.00
S-5	18" PVC SDR 26 Sewer Pipe	LF	10	\$131	\$1,310.00	\$131	\$1,310.00	\$150	\$1,500.00
S-10	24" RCP Class IV Sewer Pipe	LF	30	\$131	\$3,930.00	\$131	\$3,930.00	\$175	\$5,250.00
S-12	36" RCP Class IV Sewer Pipe	LF	10	\$131	\$1,310.00	\$131	\$1,310.00	\$125	\$1,250.00
S-34	Sewer Laterals (4" to 10" PVC)	LF	50	\$52	\$2,600.00	\$53	\$2,650.00	\$65	\$3,250.00
S-35	Trench Excavation 0'-15' Depth	CY	660	\$194	\$128,040.00	\$183	\$120,780.00	\$165	\$108,900.00
S-36	Additional Trench Excavation (Greater than 15' Depth)	CY	80	\$200	\$16,000.00	\$188	\$15,040.00	\$175	\$14,000.00
S-37	Aggregate Trench Backfill Above Pipe Zone	CY	530	\$71	\$37,630.00	\$68	\$36,040.00	\$60	\$31,800.00
S-38	Earthen Backfill Above Pipe Zone	CY	60	\$31	\$1,860.00	\$35	\$2,100.00	\$25	\$1,500.00
S-39	Additional PVC Fittings - 10" and smaller	EA	5	\$131	\$655	\$131	\$655	\$450	\$2,250.00
S-40	Additional PVC Fittings - Larger than 10"	EA	10	\$263	\$2,630.00	\$262	\$2,620.00	\$700	\$7,000.00
S-42	Wye/Tee Installation on New Sewer Main, Up To 15" (Including Laterals)	EA	25	\$842	\$21,050.00	\$840	\$21,000.00	\$700	\$17,500.00
S-43	Wye/Tee Installation on New Sewer Main, 15" and Larger	EA	5	\$1,973.00	\$9,865.00	\$2,000.00	\$10,000.00	\$1,500.00	\$7,500.00
S-48	Sewer Lateral Reinstatement	EA	1430	\$100	\$143,000.00	\$50	\$71,500.00	\$45	\$64,350.00
S-48A	Removal of Shipping Braces from Existing Wye Connection	EA	10	\$580	\$5,800.00	\$314	\$3,140.00	\$250	\$2,500.00
S-49	48" Pre-Cast Manhole (0' to 15' Depth)	EA	15	\$9,473.00	\$142,095.00	\$9,500.00	\$142,500.00	\$10,000.00	\$150,000.00
S-50	60" Pre-Cast Manhole (0' to 15' Depth)	EA	2	\$11,052.00	\$22,104.00	\$10,500.00	\$21,000.00	\$10,000.00	\$20,000.00
S-51	72" Pre-Cast Manhole (0' to 15' Depth)	EA	1	\$19,473.00	\$19,473.00	\$19,500.00	\$19,500.00	\$12,000.00	\$12,000.00
S-52	48" Pre-Cast Manhole (Over 15' Depth)	VF	20	\$105	\$2,100.00	\$105	\$2,100.00	\$105	\$2,100.00
S-53	60" Pre-Cast Manhole (Over 15' Depth)	VF	10	\$210	\$2,100.00	\$210	\$2,100.00	\$210	\$2,100.00
S-54	72" Pre-Cast Manhole (Over 15' Depth)	VF	2	\$526	\$1,052.00	\$525	\$1,050.00	\$300	\$600
S-55	Manhole Tie-in/Connection	EA	5	\$421	\$2,105.00	\$275	\$1,375.00	\$375	\$1,875.00
S-56	Vertical Drop Connection (Internal Drop Manhole)	VF	20	\$131	\$2,620.00	\$131	\$2,620.00	\$130	\$2,600.00
S-62	Invert Structural Repair	CY	5	\$473	\$2,365.00	\$150	\$750	\$250	\$1,250.00
S-71	Rigid Concrete Bulkhead (15" to 24")	EA	1	\$105	\$105	\$105	\$105	\$105	\$105
S-72	Flexible Bulkhead (All Sizes)	EA	1	\$105	\$105	\$50	\$50	\$105	\$105
S-81	8" Diameter Full Lining	LF	1440	\$41	\$59,040.00	\$27	\$38,880.00	\$27	\$38,880.00
S-83	12" Diameter Full Lining	LF	1450	\$58	\$84,100.00	\$41	\$59,450.00	\$40	\$58,000.00
S-84	15" Diameter Full Lining	LF	18750	\$91.50	\$1,715,625.00	\$50.25	\$942,187.50	\$50	\$937,500.00
S-85	18" Diameter Full Lining	LF	1540	\$105	\$161,700.00	\$65.50	\$100,870.00	\$68	\$104,720.00
S-86	20" Diameter Full Lining	LF	560	\$199	\$111,440.00	\$75	\$42,000.00	\$80	\$44,800.00
S-87	24" Diameter Full Lining	LF	2600	\$181	\$470,600.00	\$88.50	\$230,100.00	\$94	\$244,400.00
S-87B	36" Diameter Full Lining	LF	310	\$490	\$151,900.00	\$175	\$54,250.00	\$180	\$55,800.00
S-88	House Lateral Liner	EA	2	\$7,895.00	\$15,790.00	\$6,000.00	\$12,000.00	\$3,000.00	\$6,000.00
S-90	Heavy Sewer Cleaning	HR	200	\$580	\$116,000.00	\$1	\$200	\$350	\$70,000.00
S-90A	Mechanical Cleaning, As Directed	HR	40	\$617	\$24,680.00	\$1	\$40	\$50	\$2,000.00
S-91	Heavy Roots and Deposit Removal	HR	40	\$563	\$22,520.00	\$1	\$40	\$150	\$6,000.00
S-92	Grinding of Protruding Sewer Lateral Connection	EA	100	\$580	\$58,000.00	\$210	\$21,000.00	\$75	\$7,500.00
S-93	Vacuum Truck	HR	8	\$436	\$3,488.00	\$585	\$4,680.00	\$400	\$3,200.00
S-95	Push Camera for Internal TV Inspection	LF	100	\$26	\$2,600.00	\$30	\$3,000.00	\$5	\$500
S-97	Lateral Camera Inspection	LF	50	\$52	\$2,600.00	\$50	\$2,500.00	\$25	\$1,250.00
S-99	CCTV Inspection - 8" to 15" Diameter	LF	2540	\$2.43	\$6,172.20	\$2.65	\$6,731.00	\$3.60	\$9,144.00
S-100	CCTV Inspection - 16" to 24" Diameter	LF	150	\$2.49	\$373.50	\$2.65	\$397.50	\$4.50	\$675.00
S-101	CCTV Inspection - 25" to 36" Diameter	LF	50	\$2.90	\$145.00	\$2.65	\$132.50	\$5.75	\$287.50
S-102	CCTV Inspection - Larger than 36" Diameter	LF	50	\$3.50	\$175.00	\$2.65	\$132.50	\$9.60	\$480.00
S-117	Non-Structural Grouting for Pipe Joints	GAL	15	\$100	\$1,500.00	\$15	\$225	\$20	\$300
S-118	20" PVC DR 25 Sewer Pipe	LF	100	\$878	\$87,800.00	\$785	\$78,500.00	\$200	\$20,000.00
R-1	Concrete Paving Base (All Classes)	CY	210	\$447	\$93,870.00	\$418	\$87,780.00	\$415	\$87,150.00
R-2	Reinforced Concrete Street and Driveways	CY	70	\$421	\$29,470.00	\$275	\$19,250.00	\$325	\$22,750.00
R-3	Concrete Sidewalk and ADA Handicapped Ramp	SY	170	\$200	\$34,000.00	\$50	\$8,500.00	\$100	\$17,000.00
R-4	Concrete Deep Curb and Deep Radius Curb	LF	310	\$84	\$26,040.00	\$85	\$26,350.00	\$60	\$18,600.00
R-6	12" x 6" Wedge Curb (Hand Placed)	LF	820	\$10	\$8,200.00	\$10	\$8,200.00	\$5	\$4,100.00
R-7	Cold Patch Bituminous Pavement Replacement	TON	160	\$131	\$20,960.00	\$131	\$20,960.00	\$100	\$16,000.00
R-8	Milling - Wearing Course	SY	3710	\$12.50	\$46,375.00	\$10.50	\$38,955.00	\$5.75	\$21,332.50
R-9	Milling - Binder Course - Primary Street	SY	2970	\$12.50	\$37,125.00	\$10.50	\$31,185.00	\$5.75	\$17,077.50
R-10	Milling - Binder Course - Secondary Street	SY	750	\$12.50	\$9,375.00	\$10.50	\$7,875.00	\$5.75	\$4,312.50
R-11	Bituminous Pavement Replacement - Wearing Course	TON	310	\$163	\$50,530.00	\$152	\$47,120.00	\$120	\$37,200.00

R-12	Bituminous Pavement Replacement - Binder Course - Primary Street	TON	550	\$163	\$89,650.00	\$152	\$83,600.00	\$120	\$66,000.00
R-13	Bituminous Pavement Replacement - Binder Course - Secondary Street	TON	120	\$163	\$19,560.00	\$152	\$18,240.00	\$120	\$14,400.00
R-15	Brick Street Repaving	SY	10	\$263	\$2,630.00	\$262	\$2,620.00	\$100	\$1,000.00
R-16	Brick Sidewalk (Re-Laid)	SY	10	\$152	\$1,520.00	\$152	\$1,520.00	\$55	\$550
R-17	Salvage and Deliver Blockstone and Brick	SY	50	\$12.50	\$625.00	\$12.50	\$625.00	\$10	\$500
R-19	Landscape Restoration	SY	2140	\$10.50	\$22,470.00	\$9	\$19,260.00	\$3	\$6,420.00
R-21	Crushed Stone Sub-Base	CY	560	\$63	\$35,280.00	\$65	\$36,400.00	\$45	\$25,200.00
R-25	4" Traffic Markings	LF	1000	\$9.50	\$9,500.00	\$10	\$10,000.00	\$3	\$3,000.00
R-28	Replace Manhole Casting with New Casting and/or Raise Casting up to 1-foot in Depth	EA	37	\$2,421.00	\$89,577.00	\$2,400.00	\$88,800.00	\$1,000.00	\$37,000.00
R-31	Raise Manhole to Grade, 48" Diameter, 1-4 ft. Depth	VF	40	\$1,052.00	\$42,080.00	\$1,050.00	\$42,000.00	\$1,000.00	\$40,000.00
R-34	Raise Manhole to Grade, 48" Diameter, Greater Than 4 ft. Depth (With OWNER Approval)	VF	20	\$1,578.00	\$31,560.00	\$1,500.00	\$30,000.00	\$1,000.00	\$20,000.00
R-37	Backfill Undermined Street	CY	20	\$31.50	\$630.00	\$31	\$620	\$31	\$620
R-43	Tree and Stump Removal	EA	20	\$1,684.00	\$33,680.00	\$800	\$16,000.00	\$200	\$4,000.00
R-45A	Temporary Winter Concrete Base and Cap	CY	25	\$342	\$8,550.00	\$275	\$6,875.00	\$500	\$12,500.00
R-46	Remove and Reset/Replace Fencing and Guide Rails	LF	200	\$52.50	\$10,500.00	\$52	\$10,400.00	\$10	\$2,000.00
R-48	Bituminous Pavement Replacement - Flexible Road Base	TON	40	\$210	\$8,400.00	\$209	\$8,360.00	\$200	\$8,000.00