

				IPR Northeast, LLC		Insituform Technologies		JET JACK		Michels Corporation		SAK Construction, LLC	
Project No.: 2020-424-100-1													
Project Name: 2020 Small Diameter Sewer Rehabilitation Contract No. 2				\$4,975,269.00		\$3,380,362.25		\$3,693,607.50		\$4,583,651.00		\$4,761,238.50	
Items	Description	UOM	Est Qty	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost
	Mobilization / Demobilization, Permits, Bonds and Insurance, Maintenance and Protection of Traffic	LS	1	\$90,000.00	\$90,000.00	\$150,000.00	\$150,000.00	\$160,000.00	\$160,000.00	\$215,213.00	\$215,213.00	\$90,000.00	\$90,000.00
U-1													
U-4	Rock and Obstruction Excavation, All Depths	CY	50	\$30	\$1,500.00	\$18	\$900	\$5	\$250	\$26	\$1,300.00	\$25	\$1,250.00
U-5	Exploratory Excavation and Backfill	CY	40	\$181	\$7,240.00	\$175	\$7,000.00	\$150	\$6,000.00	\$155	\$6,200.00	\$150	\$6,000.00
U-6	Hand Digging and Tunneling	MHR	50	\$70	\$3,500.00	\$40	\$2,000.00	\$50	\$2,500.00	\$60	\$3,000.00	\$58	\$2,900.00
U-7	Additional Bedding Material, As Directed	CY	60	\$75	\$4,500.00	\$30	\$1,800.00	\$55	\$3,300.00	\$62	\$3,720.00	\$60	\$3,600.00
U-10	Flowable Fill	CY	60	\$240	\$14,400.00	\$105	\$6,300.00	\$175	\$10,500.00	\$207	\$12,420.00	\$200	\$12,000.00
U-12	Flag Person	MHR	5816	\$85	\$494,360.00	\$71	\$412,936.00	\$60	\$348,960.00	\$70	\$407,120.00	\$85	\$494,360.00
U-13	Off Duty Uniformed Officer	MHR	1310	\$65	\$85,150.00	\$55	\$72,050.00	\$50	\$65,000.00	\$57	\$74,670.00	\$58	\$75,980.00
U-14	Miscellaneous Work Time for a Full Crew	CHR	80	\$970	\$77,600.00	\$375	\$30,000.00	\$250	\$20,000.00	\$567	\$45,360.00	\$579	\$46,320.00
U-16	Field Survey and Engineering	LS	1	\$26,000.00	\$26,000.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$2,578.00	\$2,578.00	\$7,895.00	\$7,895.00
U-17	Master Plumber Time	MHR	80	\$67	\$5,360.00	\$40	\$3,200.00	\$80	\$6,400.00	\$67	\$5,360.00	\$65	\$5,200.00
U-18	Journeyman Plumber Time	MHR	80	\$67	\$5,360.00	\$40	\$3,200.00	\$80	\$6,400.00	\$67	\$5,360.00	\$65	\$5,200.00
U-501	Erosion and Sedimentation Control	LS	1	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00	\$2,062.00	\$2,062.00	\$2,000.00	\$2,000.00
S-1	8" SDR 26 PVC Sewer Pipe	LF	87	\$78	\$6,786.00	\$63	\$5,481.00	\$110	\$9,570.00	\$67	\$5,829.00	\$68	\$5,916.00
S-2	10" SDR 26 PVC Sewer Pipe	LF	48	\$78	\$3,744.00	\$63	\$3,024.00	\$110	\$5,280.00	\$67	\$3,216.00	\$68	\$3,264.00
S-3	12" SDR 26 PVC Sewer Pipe	LF	57	\$78	\$4,446.00	\$74	\$4,218.00	\$115	\$6,555.00	\$67	\$3,819.00	\$68	\$3,876.00
S-4	15" SDR 26 PVC Sewer Pipe	LF	90	\$175	\$15,750.00	\$147	\$13,230.00	\$130	\$11,700.00	\$150	\$13,500.00	\$153	\$13,770.00
S-5	18" SDR 26 PVC Sewer Pipe	LF	66	\$175	\$11,550.00	\$147	\$9,702.00	\$145	\$9,570.00	\$150	\$9,900.00	\$153	\$10,098.00
S-6A	24" SDR 26 PVC Sewer Pipe	LF	20	\$181	\$3,620.00	\$157	\$3,140.00	\$145	\$2,900.00	\$155	\$3,100.00	\$158	\$3,160.00
S-34	Sewer Laterals (4" to 10" PVC)	LF	50	\$60	\$3,000.00	\$52	\$2,600.00	\$100	\$5,000.00	\$52	\$2,600.00	\$53	\$2,650.00
S-35	Trench Excavation 0' - 15' Depth	CY	588	\$225	\$132,300.00	\$172	\$101,136.00	\$140	\$82,320.00	\$181	\$106,428.00	\$184	\$108,192.00
S-36	Additional Trench Excavation (Greater than 15' Depth)	CY	50	\$217	\$10,850.00	\$190	\$9,500.00	\$135	\$6,750.00	\$186	\$9,300.00	\$184	\$9,200.00
S-37	Aggregate Trench Backfill Above Pipe Zone	CY	403	\$78	\$31,434.00	\$63	\$25,389.00	\$65	\$26,195.00	\$67	\$27,001.00	\$68	\$27,404.00
S-38	Earthen Backfill Above Pipe Zone	CY	126	\$41	\$5,166.00	\$32	\$4,032.00	\$35	\$4,410.00	\$31	\$3,906.00	\$32	\$4,032.00
S-39	Additional PVC Fittings - 10" and smaller	EA	17	\$151	\$2,567.00	\$131	\$2,227.00	\$150	\$2,550.00	\$129	\$2,193.00	\$132	\$2,244.00
S-40	Additional PVC Fittings - Larger than 10"	EA	30	\$300	\$9,000.00	\$260	\$7,800.00	\$400	\$12,000.00	\$258	\$7,740.00	\$263	\$7,890.00
S-42	Wye Installation new sewer main, <15" (And laterals)	EA	11	\$1,025.00	\$11,275.00	\$840	\$9,240.00	\$700	\$7,700.00	\$825	\$9,075.00	\$842	\$9,262.00
S-43	Wye Installation new sewer main, >15" (And laterals)	EA	2	\$2,256.00	\$4,512.00	\$2,000.00	\$4,000.00	\$1,500.00	\$3,000.00	\$1,933.00	\$3,866.00	\$1,975.00	\$3,950.00
S-48	Sewer Lateral Reinstatement	EA	1151	\$5	\$5,755.00	\$46	\$52,946.00	\$50	\$57,550.00	\$40	\$46,040.00	\$25	\$28,775.00
S-49	48" Pre-Cast Manhole (0' to 15' Depth)	EA	17	\$10,500.00	\$178,500.00	\$8,900.00	\$151,300.00	\$8,500.00	\$144,500.00	\$8,970.00	\$152,490.00	\$9,150.00	\$155,550.00
S-52	48" Pre-Cast Manhole (Over 15' Depth)	VF	13	\$120	\$1,560.00	\$105	\$1,365.00	\$275	\$3,575.00	\$104	\$1,352.00	\$105	\$1,365.00
S-55	Manhole Tie-in/Connection	EA	41	\$600	\$24,600.00	\$275	\$11,275.00	\$400	\$16,400.00	\$516	\$21,156.00	\$525	\$21,525.00
S-72	Flexible Bulkheads	EA	10	\$120	\$1,200.00	\$75	\$750.00	\$125	\$1,250.00	\$104	\$1,040.00	\$105	\$1,050.00
S-81	8-inch diameter CIPP Lining	LF	3686	\$42	\$154,812.00	\$23	\$84,778.00	\$30	\$110,580.00	\$32	\$117,952.00	\$32	\$117,952.00
S-82	10-inch diameter CIPP Lining	LF	705	\$68	\$47,940.00	\$44	\$31,020.00	\$33	\$23,265.00	\$43	\$30,315.00	\$73	\$51,465.00
S-83	12-inch diameter CIPP Lining	LF	3610	\$68	\$245,480.00	\$32	\$115,520.00	\$50	\$180,500.00	\$50	\$180,500.00	\$43	\$155,230.00
S-84	15-inch diameter CIPP Lining	LF	25885	\$71	\$1,837,835.00	\$45	\$1,164,825.00	\$59.50	\$1,540,157.50	\$65	\$1,682,525.00	\$73	\$1,889,605.00
S-85	18-inch diameter CIPP Lining	LF	2770	\$85	\$235,450.00	\$66.50	\$184,205.00	\$65	\$180,050.00	\$79	\$218,830.00	\$95	\$263,150.00
S-86	20-inch diameter CIPP Lining	LF	1878	\$89	\$167,142.00	\$71.50	\$134,277.00	\$75	\$140,850.00	\$93	\$174,650.00	\$100	\$187,800.00
S-87	24-inch diameter CIPP Lining	LF	1888	\$128	\$241,664.00	\$93	\$175,584.00	\$125	\$236,000.00	\$125	\$236,000.00	\$125	\$236,000.00
S-87A	30-inch diameter CIPP Lining	LF	98	\$250	\$24,500.00	\$210	\$20,580.00	\$150	\$14,700.00	\$290	\$28,420.00	\$465	\$45,570.00
S-90	Heavy Sewer Cleaning/Debris Removal	HR	819	\$420	\$343,980.00	\$100	\$81,900.00	\$5	\$4,095.00	\$387	\$313,953.00	\$365	\$298,935.00
S-91	Heavy Roots and Deposit Removal	HR	156	\$420	\$65,520.00	\$75	\$11,700.00	\$5	\$780.00	\$387	\$60,372.00	\$365	\$56,940.00
S-92	Grinding of Protruding Sewer Lateral Connection	EA	182	\$240	\$43,680.00	\$210	\$38,220.00	\$150	\$27,300.00	\$413	\$75,166.00	\$200	\$36,400.00
S-99	CCTV Inspection - All Sizes and Types	LF	6585	\$6	\$39,510.00	\$5.25	\$34,571.25	\$3	\$19,755.00	\$6	\$39,510.00	\$6	\$39,510.00
R-1	Concrete Paving Base (All Classes)	CY	58	\$512	\$29,696.00	\$435	\$25,230.00	\$450	\$26,100.00	\$439	\$25,462.00	\$445	\$25,810.00
R-2	Reinforced Concrete Street and Driveways	CY	50	\$500	\$25,000.00	\$275	\$13,750.00	\$300	\$15,000.00	\$413	\$20,650.00	\$420	\$21,000.00
R-3	Concrete Sidewalk and ADA Handicapped Ramp	SY	104	\$230	\$23,920.00	\$150	\$15,600.00	\$200	\$20,800.00	\$196	\$20,384.00	\$200	\$20,800.00
R-4	Concrete Deep Curb and Deep Radius Curb	LF	64	\$100	\$6,400.00	\$84	\$5,376.00	\$70	\$4,480.00	\$83	\$5,312.00	\$84	\$5,376.00
R-7	Cold Patch Bituminous Pavement Replacement	TON	40	\$150	\$6,000.00	\$125	\$5,000.00	\$110	\$4,400.00	\$129	\$5,160.00	\$132	\$5,280.00
R-8	Milling - Wearing Course	SY	647	\$18	\$11,646.00	\$16	\$10,352.00	\$5	\$3,235.00	\$16	\$10,352.00	\$15.50	\$10,028.50
R-11	Bituminous Pavement Replacement - Wearing Course	TON	50	\$250	\$12,500.00	\$220	\$11,000.00	\$150	\$7,500.00	\$217	\$10,850.00	\$220	\$11,000.00
R-12	Bituminous Pavement Replacement - Binder Course - Primary Street	TON	10	\$240	\$2,400.00	\$210	\$2,100.00	\$200	\$2,000.00	\$207	\$2,070.00	\$210	\$2,100.00
R-13	Bituminous Pavement Replacement - Binder Course - Secondary Street	TON	40	\$240	\$9,600.00	\$210	\$8,400.00	\$200	\$8,000.00	\$207	\$8,280.00	\$210	\$8,400.00
R-14	Blockstone Street Repaving	SY	71	\$331	\$23,501.00	\$288	\$20,448.00	\$200	\$14,200.00	\$284	\$20,164.00	\$285	\$20,235.00
R-18	Hydroseeding	SY	138	\$12	\$1,656.00	\$10	\$1,380.00	\$5	\$690.00	\$11	\$1,518.00	\$10.50	\$1,445.00
R-19	Landscape Restoration	SY	145	\$15	\$2,175.00	\$8	\$1,160.00	\$5	\$725.00	\$9	\$1,305.00	\$8.50	\$1,230.00
R-20	Cleaning & Grubbing	SY	70	\$50	\$3,500.00	\$25	\$1,750.00	\$5	\$350.00	\$26	\$1,820.00	\$26	\$1,820.00
R-21	Crushed Stone Sub-Base	CY	75	\$70	\$5,250.00	\$63	\$4,725.00	\$50	\$3,750.00	\$62	\$4,650.00	\$62	\$4,650.00
R-25	4" Traffic Markings	LF	50	\$12	\$600.00	\$9	\$450.00	\$3	\$150.00	\$10	\$500.00	\$9.25	\$462.50
R-28	Replace Manhole Casting with New Casting and/or Raise Casting up to 1-foot in Depth	EA	6	\$2,700.00	\$16,200.00	\$2,350.00	\$14,100.00	\$2,500.00	\$15,000.00	\$2,320.00	\$13,920.00	\$2,365.00	\$14,190.00
R-31	Raise Manhole to Grade, 48"-72" Diameter, 1-4 ft. Depth	VF	9	\$1,200.00	\$10,800.00	\$1,050.00	\$9,450.00	\$750	\$6,750.00	\$1,031.00	\$9,279.00	\$1,050.00	\$9,450.00
R-34	Depth (With OWNER Approval)	VF	2	\$1,500.00	\$3,000.00	\$1,300.00	\$2,600.00	\$500	\$1,000.00	\$1,290.00	\$2,580.00	\$1,300.00	\$2,600.00
R-38	Dry Stone / Block Wall Replacement	SY	12	\$271	\$3,252.00	\$235	\$2,820.00	\$50	\$600.00	\$232	\$2,784.00	\$235	\$2,820.00
R-39	Concrete Steps or Concrete Retaining Wall Replacement	CY	1	\$1,800.00	\$1,800.00	\$1,500.00	\$1,500.00	\$750	\$750.00	\$1,547.00	\$1,547.00	\$1,575.00	\$1,575.00
R-43	Trees & Stump Removal	EA	5	\$1,925.00	\$9,625.00	\$800	\$4,000.00	\$500	\$2,500.00	\$1,650.00	\$8,250.00	\$1,680.00	\$8,400.00
R-45	Concrete Cap with Bond Breaker	CY	25	\$390	\$9,750.00	\$250	\$6,250.00	\$600	\$15,000.00	\$335	\$8,375.00	\$340	\$8,500.00
R-45A	Temporary Winter Concrete Base and Cap	CY	50	\$390	\$19,500.00	\$340	\$17,000.00	\$150	\$7,500.00	\$335	\$16,750.00	\$340	\$17,000.00
R-46	Fence Reset	LS	1	\$2,000.00	\$2,000.00	\$500	\$500.00	\$10	\$10.00	\$516	\$516.00	\$525	\$525.00
R-49	Crosswalk Markings	LS	1	\$2,400.00	\$2,400.00	\$2,000.00	\$2,000.00	\$500	\$500.00	\$2,062.00	\$2,062.00	\$2,100.00	\$2,100.00