2022 EVALUATION AND REHABILITATION TOOLBOX FOR WASTEWATER COLLECTION SYSTEM
CITY OF JOPLIN, MISSOURI
WORK ORDER 2023A
11/14/2022

ITEM NO.	NO. OF UNITS	UNIT	DESCRIPTION	UNIT PRICE	EXTENDED
1.00	1	LS	Mobilization for Sewer Line Cleaning and Inspection (Ea. WO)	$ 1,500.00	$ 1,500.00
1.02	120	LF	12" to 16" Dia. Light Cleaning	$ 1.12	$ 134.40
1.04	2,655	LF	24" to 27" Dia. Light Cleaning	$ 2.24	$ 5,947.20
1.05	316	LF	30" to 32" Dia. Light Cleaning	$ 3.36	$ 1,061.76
1.10	60	LF	12" to 16" Dia. Heavy Cleaning	$ 2.02	$ 121.20
1.12	800	LF	24" to 27" Dia. Heavy Cleaning	$ 13.44	$ 10,752.00
1.13	100	LF	30" to 32" Dia. Heavy Cleaning	$ 14.56	$ 1,456.00
1.18	120	LF	12" to 16" Dia. CCTV Inspection	$ 1.40	$ 168.00
1.20	2,655	LF	24" to 27" Dia. CCTV Inspection	$ 1.40	$ 3,717.00
1.21	316	LF	30" to 32" Dia. CCTV Inspection	$ 2.24	$ 707.84
1.25	1,765	LF	Pre-Cleaning CCTV Inspection	$ 1.00	$ 1,765.00
9.00	1	LS	Mobilization for MH to MH CIPP (Ea. WO)	$ 9,000.00	$ 9,000.00
9.01	6,627	LF	8" Dia. CIPP (6 mm Liner Thickness)	$ 31.57	$ 209,214.39
9.02	1,942	LF	8" Dia. CIPP (7.5 mm Liner Thickness)	$ 32.37	$ 62,862.54
9.15	350	LF	18" Dia. CIPP (10.5 mm Liner Thickness)	$ 107.00	$ 37,450.00
10.01	1	EA	8" Dia. CIPP Point Repair	$ 1,600.00	$ 1,600.00
14.00	1	LS	Mobilization for Trenchless LCR (Ea. WO)	$ 2,500.00	$ 2,500.00
14.01	33	EA	Trenchless LCR Setup Per Manhole to Manhole Segment	$ 500.00	$ 16,500.00
14.02	72	EA	Ambient Steam Cured LCR 8"-12" Main, 4" to 6" Lateral, 18" Long	$ 1,400.00	$ 100,800.00
21.00	1	LS	Mobilization for Open Cut Sewer Line Work 8" to 12" Diameter (Ea. WO)	$ 1,250.00	$ 1,250.00
21.03	7	EA	8" and 10" Dia. Point Repair, 6'-12' Deep Under Turf, Up to 10' Long	$ 2,550.00	$ 17,850.00
21.04	70	LF	8" and 10" Dia. Point Repair, Additional Footage (>10'), 6'-12' Deep Under Turf	$ 118.00	$ 8,260.00
21.09	2	EA	8" and 10" Dia. Point Repair, 6'-12' Deep Under Alleyway, Up to 10' Long	$ 3,500.00	$ 7,000.00
21.10	20	LF	8" and 10" Point Repair, Additional Footage (>10'), 6'-12' Deep Under Alleyway	$ 165.00	$ 3,300.00
21.11	1	EA	8" and 10" Dia. Point Repair, 12'-18' Deep Under Alleyway, Up to 10' Long	$ 4,200.00	$ 4,200.00
21.12	345	LF	8" and 10" Point Repair, Additional Footage (>10'), 12'-18' Deep Under Alleyway	$ 235.00	$ 81,075.00
21.15	7	EA	8" and 10" Dia. Point Repair, 6'-12' Deep Under Pavement, Up to 10' Long	$ 4,600.00	$ 32,200.00
21.16	70	LF	8" and 10" Dia. Point Repair, Additional Footage (>10'), 6'-12' Deep Under Pavement	$ 260.00	$ 18,200.00
21.17	1	EA	8" and 10" Dia. Point Repair, 12'-18' Deep Under Pavement, Up to 10' Long	$ 6,200.00	$ 6,200.00
21.18	60	LF	8" and 10" Dia. Point Repair, Additional Footage (>10'), 12'-18' Deep Under Pavement	$ 385.00	$ 23,100.00
22.37	1	EA	18" Dia. Point Repair, 6'-12' Deep Under Alleyway, Up to 10' Long	$ 2,900.00	$ 2,900.00
22.38	345	LF	18" Dia. Point Repair, Additional Footage (>10'), 6'-12' Deep Under Alleyway	$ 205.00	$ 70,725.00
22.43	1	EA	18" Dia. Point Repair, 6'-12' Deep Under Pavement, Up to 10' Long	$ 4,600.00	$ 4,600.00
22.44	60	LF	18" Dia. Point Repair, Additional Footage (>10'), 6'-12' Deep Under Pavement	$ 345.00	$ 20,700.00
23.02	10	EA	Open Cut Lateral Connection Repair 8" to 10" Dia. Main, 6'-12' Deep Under Turf	$ 2,850.00	$ 28,500.00
23.05	6	EA	Open Cut Lateral Connection Repair 8" to 10" Dia. Main, 6'-12' Deep Under Alleyway	$ 3,500.00	$ 21,000.00
23.08	10	EA	Open Cut Lateral Connection Repair 8" to 10" Dia. Main, 6'-12' Deep Under Pavement	$ 5,200.00	$ 52,000.00
23.10	6	EA	Open Cut Lateral Connection Repair 8" to 10" Dia. Main Completed During an Open Cut Point Repair or Simultaneous Open Cut Lateral Connection Repair	$ 715.00	$ 4,290.00
23.41	100	LF	4" Dia. Sewer Lateral, 0'-6' Deep Under Turf	$ 46.00	$ 4,600.00
23.42	100	LF	4" Dia. Sewer Lateral, 6'-12' Deep Under Turf	$ 51.00	$ 5,100.00
23.45	100	LF	4" Dia. Sewer Lateral, 6'-12' Deep Under Alleyway	$ 71.40	$ 7,140.00
23.46	80	LF	4" Dia. Sewer Lateral, 12'-18' Deep Under Alleyway	$ 102.00	$ 8,160.00
23.48	100	LF	4" Dia. Sewer Lateral, 6'-12' Deep Under Pavement	$ 127.50	$ 12,750.00
24.01	2	EA	8" Dia. Lamphole, Up to 6' Deep	$ 3,575.00	$ 7,150.00
24.03	3	EA	4' Dia. Manhole Under Turf, Up to 8' Deep	$ 4,600.00	$ 13,800.00
24.06	1	FT	4' Dia. Manhole Extra Depth, > 8' Deep	$ 205.00	$ 205.00
24.08	2	EA	5' Dia. Manhole Under Alleyway, Up to 8' Deep	$ 7,150.00	$ 14,300.00
25.13	274.735	CY	Disposal of Lead Contaminated Soil	$ 2.05	$ 563.21
29.00	2	EA	Local Street Closure	$ 775.00	$ 1,550.00
29.01	3	EA	Short Duration Traffic Control for Collector or Arterial	$ 840.00	$ 2,520.00
29.05	2	EA	Short Term Stationary Traffic Control for Collector or Arterial (Two Lane Closure)	$ 1,500.00	$ 3,000.00
30.00	1	%	Performance and Payment Bonds	$ 9,554.46	$ 9,554.46
			WO 2023A Construction Total		**$ 965,000.00**