ALLGEIER, MARTIN and ASSOCIATES, INC.
Consulting Engineers

2018 & 2019 EVALUATION AND REHABILITATION OF WASTEWATER COLLECTION SYSTEM
CITY OF JOPLIN, MISSOURI
BID TABULATION

			Ace Pipe Cleaning, Inc.	Humbard Contracting, Inc.	Visu-Sewer of Mo., LLC
SEWER LINE CLEANING AND CCTV INSPECTION			**Kansas City, MO**	**Green Forest, AR**	**Pewaukee, WI**
Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
1	Mobilization (Each Purchase Order)	LS	$750.00	$1,000.00	$2,750.00
Light Cleaning					
2	6” to 10” Diameter	LF	$0.55	$0.65	$0.80
3	12” to 16” Diameter	LF	$0.60	$0.75	$0.80
4	18” to 21” Diameter	LF	$1.25	$1.25	$1.00
5	24” to 27” Diameter	LF	$2.00	$2.25	$2.00
6	30” to 32" Diameter	LF	$3.00	$2.50	$3.00
7	36” to 38" Diameter	LF	$3.50	$3.00	$4.00
8	42" to 48" Diameter	LF	$4.50	$4.00	$5.00
Heavy Cleaning					
9	6” to 10” Diameter	LF	$0.75	$1.00	$1.75
10	12” to 16” Diameter	LF	$2.10	$2.00	$2.75
11	18” to 21” Diameter	LF	$8.00	$5.00	$4.00
12	24” to 27” Diameter	LF	$12.00	$9.00	$6.00
13	30” to 32” Diameter	LF	$13.00	$12.00	$10.00
14	36” to 38" Diameter	LF	$14.00	$15.00	$15.00
15	42" to 48" Diameter	LF	$16.00	$18.00	$20.00
CCTV Inspection (PACP Compliant)					
16	6” to 10” Diameter	LF	$0.74	$0.60	$1.00
17	12” to 16” Diameter	LF	$0.90	$0.75	$1.00
18	18” to 21” Diameter	LF	$1.00	$1.00	$1.00
19	24” to 27” Diameter	LF	$1.10	$2.00	$1.00
20	30” to 32” Diameter	LF	$2.00	$2.00	$1.50
21	36” to 38" Diameter	LF	$2.00	$2.00	$2.00
22	42" to 48" Diameter	LF	$2.00	$4.00	$2.50
SEWER LINE CLEANING, CCTV INSPECTION, & MISCELLANEOUS SERVICES					
Regular Rates (A minimum 4-hour charge shall be applied to all hourly services to account for mobilization)					
Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
23	Operator and TV Truck	HR	$180.00	$150.00	$165.00
24	Operator and Jetter Unit	HR	$165.00	$150.00	$165.00
25	Operator and Jetter/Combo Unit	HR	$185.00	$150.00	$225.00
26	Operator and Jumbo Jetter/Combo Unit	HR	$205.00	$250.00	$275.00
27	Operator and Wet Vacuum	HR	$160.00	$375.00	$225.00
28	Operator and Dry Vacuum	HR	$180.00	$450.00	$250.00
29	Operator and Waterblaster	HR	$180.00	$450.00	$215.00
30	Operator and Bucket Machines	HR	$215.00	$500.00	$600.00
31	2-Operators, TV Truck, and Jetter Unit	HR	$275.00	$300.00	$330.00
32	2-Operators, TV Truck, and Jetter/Combo Unit	HR	$340.00	$300.00	$390.00

SEWER LINE CLEANING, CCTV INSPECTION, & MISCELLANEOUS SERVICES (CONTINUED)

Regular Rates (A minimum 4-hour charge shall be applied to all hourly services to account for mobilization)

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
33	Additional Laborer	HR	$65.00	$100.00	$90.00
34	Support Truck (Safety, Fuel, and/or Pipe Supplies)	HR	$70.00	$100.00	$25.00
	Overtime Rates				
35	Operator and TV Truck	HR	$195.00	$225.00	$205.00
36	Operator and Jetter Unit	HR	$180.00	$225.00	$205.00
37	Operator and Jetter/Combo Unit	HR	$200.00	$225.00	$265.00
38	Operator and Jumbo Jetter/Combo Unit	HR	$225.00	$375.00	$315.00
39	Operator and Wet Vacuum	HR	$175.00	$562.50	$265.00
40	Operator and Dry Vacuum	HR	$195.00	$675.00	$290.00
41	Operator and Waterblaster	HR	$195.00	$675.00	$255.00
42	Operator and Bucket Machines	HR	$250.00	$750.00	$700.00
43	2-Operators, TV Truck, and Jetter Unit	HR	$310.00	$450.00	$410.00
44	2-Operators, TV Truck, and Jetter/Combo Unit	HR	$375.00	$450.00	$470.00
45	Additional Laborer	HR	$80.00	$150.00	$130.00
46	Support Truck (Safety, Fuel, and/or Pipe Supplies)	HR	$70.00	$150.00	$25.00
	Accessories				
47	Powdered Lime	LBS	$2.50	$2.00	$2.50
48	6-Inch Plastic Vacuum Hose	100'	$150.00	$500.00	$200.00
49	6-Inch Metal Flex Hose	LF	$13.50	$50.00	$25.00
50	Confined Space Equipment - Tripod, Gas Detector, Etc.	Day	$135.00	$1,000.00	$200.00
51	Hurricane Nozzle	HR	$27.00	$100.00	$5.00

MANHOLE CLEANING AND INSPECTION

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
52	Mobilization (Each Purchase Order)	LS	$750.00	$600.00	$2,000.00
53	Manhole Cleaning	EA	$40.00	$60.00	$50.00
54	Manhole Inspection	EA	$75.00	$120.00	$85.00

LATERAL SEWER LINE CCTV INSPECTION

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
55	Mobilization (Each Purchase Order)	LS	$750.00	$750.00	$2,750.00
56	Setup Per Manhole to Manhole Segment	EA	$50.00	$100.00	$50.00
57	CCTV Lateral Line Inspection	EA	$225.00	$200.00	$225.00

FOAMING ROOT CONTROL

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
58	Mobilization (Each Purchase Order)	LS	$1,320.00	$1,500.00	$1,595.00
59	8" to 12" Diameter	LF	$1.35	$1.50	$1.65
60	14" to 18" Diameter	LF	$1.50	$1.50	$1.75

LARGE DIAMETER SANITARY SEWER INSPECTION

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
61	Mobilization (Each Purchase Order)	LS	$1,500.00	$1,000.00	$1,815.00
62	≥18" Diameter	LF	$5.25	$18.00	$6.30

SMOKE TESTING

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
63	Mobilization (Each Purchase Order)	LS	$2,100.00	$1,000.00	$2,000.00
64	8" to 12" Diameter	LF	$0.46	$0.65	$0.45
65	14" to 18" Diameter	LF	$0.46	$0.65	$0.45

LINING OF EXISTING SEWERS - CIPP

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
66	Mobilization (Each Purchase Order)	LS	$8,000.00	$3,000.00	$7,500.00
67	8" Diameter (6 mm Liner Thickness)	LF	$23.25	$45.00	$22.75
68	8" Diameter (7.5 mm Liner Thickness)	LF	$25.00	$45.00	$24.50
69	10" Diameter (6 mm Liner Thickness)	LF	$26.25	$55.00	$25.65
70	10" Diameter (7.5 mm Liner Thickness)	LF	$28.00	$55.00	$26.95
71	12" Diameter (6 mm Liner Thickness)	LF	$36.25	$65.00	$35.50
72	12" Diameter (7.5 mm Liner Thickness)	LF	$39.00	$65.00	$37.75
73	12" Diameter (9.0 mm Liner Thickness)	LF	$41.00	$75.00	$40.00
74	12" Diameter (10.5 mm Liner Thickness)	LF	$46.00	$75.00	$45.00
75	12" Diameter (12.0 mm Liner Thickness)	LF	$51.00	$75.00	$50.00
76	15" Diameter (7.5 mm Liner Thickness)	LF	$72.00	$85.00	$70.60
77	15" Diameter (9.0 mm Liner Thickness)	LF	$75.00	$85.00	$73.50
78	15" Diameter (10.5 mm Liner Thickness)	LF	$78.00	$95.00	$75.75
79	15" Diameter (12.0 mm Liner Thickness)	LF	$80.00	$95.00	$78.50
80	18" Diameter (9.0 mm Liner Thickness)	LF	$83.00	$150.00	$80.85
81	18" Diameter (10.5 mm Liner Thickness)	LF	$86.00	$150.00	$84.00
82	18" Diameter (12.0 mm Liner Thickness)	LF	$92.00	$200.00	$90.00
83	18" Diameter (13.5 mm Liner Thickness)	LF	$105.00	$225.00	$100.00

CIPP END SEALS

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
84	Mobilization (Each Purchase Order)	LS	$1,200.00	$1,500.00	$1,452.00
85	8" Diameter	EA	$479.00	$450.00	$580.00
86	10" Diameter	EA	$505.00	$450.00	$610.00
87	12" Diameter	EA	$530.00	$500.00	$640.00
88	15" Diameter	EA	$556.00	$500.00	$675.00
89	18" Diameter	EA	$582.00	$500.00	$705.00

CIPP POINT REPAIRS (5-FOOT LONG)

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
90	Mobilization (Each Purchase Order)	LS	$2,000.00	$1,200.00	$3,150.00
91	8" Diameter	EA	$1,600.00	$1,400.00	$1,835.00
92	10" Diameter	EA	$1,700.00	$1,500.00	$2,100.00
93	12" Diameter	EA	$1,800.00	$1,750.00	$2,475.00
94	15" Diameter	EA	$2,000.00	$2,250.00	$2,750.00
95	18" Diameter	EA	$4,500.00	$4,500.00	$5,500.00

LINING OF EXISTING SEWERS - THERMOFORM (FOLD AND FORM) PIPE

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
96	Mobilization (Each Purchase Order)	LS	$4,000.00	$3,000.00	$7,500.00
97	8" Diameter	LF	$35.00	$45.00	$50.00

LINING OF EXISTING SEWERS - THERMOFORM (FOLD AND FORM) PIPE (CONTINUED)

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
98	10" Diameter	LF	$45.00	$55.00	$60.00
99	12" Diameter	LF	$55.00	$65.00	$70.00
100	15" Diameter	LF	$65.00	$75.00	$90.00
101	18" Diameter	LF	$85.00	$150.00	$125.00

LINING OF EXISTING SEWERS - GLASS REINFORCED PLASTIC (GRP) CIPP (CURED WITH UV-LIGHT)

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
102	Mobilization (Each Purchase Order)	LS	$4,000.00	$2,000.00	$17,500.00
103	8" Diameter	LF	$44.50	$30.75	$200.00
104	10" Diameter	LF	$50.00	$42.00	$250.00
105	12" Diameter	LF	$66.00	$49.50	$300.00
106	15" Diameter	LF	$75.00	$65.00	$350.00
107	18" Diameter	LF	$85.00	$110.00	$400.00

LINING OF EXISTING SEWERS - CENTRIFUGALLY CAST CONCRETE PIPE (CCCP)

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
108	Mobilization (Each Purchase Order)	LS	$3,000.00	$2,000.00	$10,500.00
109	36" Diameter	LF	$300.00	$175.00	$200.00
110	38" Diameter	LF	$300.00	$200.00	$250.00
111	42" Diameter	LF	$300.00	$225.00	$325.00
112	48" Diameter	LF	$350.00	$250.00	$375.00
113	54" Diameter	LF	$400.00	$350.00	$435.00
114	60" Diameter	LF	$450.00	$400.00	$500.00

TRENCHLESS LATERAL CONNECTION REPAIR (LCR)

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
115	Mobilization (Each Purchase Order)	LS	$2,500.00	$1,500.00	$4,200.00
116	Setup Per Manhole to Manhole Segment	EA	$500.00	$500.00	$785.00
117	LCR - 8" to 12" Diameter Main, 4" to 6" Diameter Lateral, Up to 18" Long	EA	$1,300.00	$1,490.00	$1,470.00
118	LCR - 15" to 21" Diameter Main, 4" to 6" Diameter Lateral, Up to 18" Long	EA	$3,000.00	$2,800.00	$4,400.00
119	Additional Lateral Liner – 8” to 21” Diameter Main, 4” to 6” Diameter Lateral, > 18” Long	LF	$175.00	$50.00	$220.00
120	LCR Terminating in Manhole, 4” to 6” Diameter, Up to 18” Long	EA	$1,850.00	$1,750.00	$2,200.00
121	Additional LCR Terminating in Manhole, 4” to 6” Diameter, > 18” Long	LF	$65.00	$50.00	$82.00
122	In-Lateral Transition from 6" to 4" Diameter or 8" to 6" Diameter	EA	$1,000.00	$900.00	$1,650.00
123	Mainline Manhole Drops, 8" to 12" Diameter	EA	$3,000.00	$2,000.00	$4,400.00

SERVICE LATERAL LINE CLEANOUT

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
124	Mobilization (Each Purchase Order)	LS	$650.00	$2,500.00	$4,050.00
125	Locate for Cleanout, via Lateral Launch Mainline Camera	EA	$350.00	$200.00	$1,500.00

SERVICE LATERAL LINE CLEANOUT (CONTINUED)

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
126	4" to 6" Diameter Cleanout Installation, 0'-6' Deep Under Turf	EA	$726.00	$1,000.00	$1,925.00
127	4" to 6" Diameter Cleanout Installation, 6'-12' Deep Under Turf	EA	$770.00	$1,000.00	$3,177.50
128	4" to 6" Diameter Cleanout Installation, 0'-6' Deep Under Crushed Stone	EA	$924.00	$2,500.00	$2,145.00
129	4" to 6" Diameter Cleanout Installation, 6'-12' Deep Under Crushed Stone	EA	$1,210.00	$3,000.00	$3,662.00
130	4" to 6" Diameter Cleanout Installation, 0'-6' Deep Under Pavement	EA	$1,210.00	$3,500.00	$2,541.00
131	4" to 6" Diameter Cleanout Installation, 6'-12' Deep Under Pavement	EA	$1,500.00	$4,000.00	$4,015.00

MANHOLE FRAME AND COVER REPLACEMENT (OWNER PROVIDES FRAME AND COVER)

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
132	Mobilization (Each Purchase Order)	LS	$1,100.00	$1,250.00	$1,365.00
133	Under Turf	EA	$910.00	$900.00	$779.10
134	Under Alleyway	EA	$1,100.00	$1,000.00	$871.50
135	Under Pavement	EA	$2,750.00	$1,500.00	$1,434.30

MANHOLE REHABILITATION - 4 FOOT DIAMETER

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
136	Mobilization (Each Purchase Order)	LS	$1,500.00	$1,700.00	$2,000.00
137	Cementitious (Type 1 Portland Cement)	VF	$135.00	$175.00	$130.00
138	Cementitious H_2S Resistant (Fused Aluminate Clinker)	VF	$145.00	$185.00	$150.00
139	Cementitious with Antimicrobial Additive	VF	$175.00	$170.00	$140.00
140	Epoxy	VF	$185.00	$250.00	$350.00
141	Cementitious & Epoxy	VF	$325.00	$400.00	$480.00

MANHOLE REHABILITATION - 5 FOOT DIAMETER

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
142	Mobilization (Each Purchase Order)	LS	$1,800.00	$1,700.00	$2,000.00
143	Cementitious (Type 1 Portland Cement)	VF	$142.00	$200.00	$250.00
144	Cementitious H_2S Resistant (Fused Aluminate Clinker)	VF	$153.00	$235.00	$285.00
145	Cementitious with Antimicrobial Additive	VF	$226.00	$225.00	$265.00
146	Epoxy	VF	$210.00	$330.00	$375.00
147	Cementitious & Epoxy	VF	$352.00	$500.00	$625.00

MANHOLE REHABILITATION - 6 FOOT DIAMETER

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
148	Mobilization (Each Purchase Order)	LS	$1,800.00	$1,700.00	$2,000.00
149	Cementitious (Type 1 Portland Cement)	VF	$155.00	$250.00	$300.00
150	Cementitious H_2S Resistant (Fused Aluminate Clinker)	VF	$165.00	$275.00	$360.00
151	Cementitious with Antimicrobial Additive	VF	$241.00	$260.00	$330.00
152	Epoxy	VF	$230.00	$375.00	$430.00

MANHOLE REHABILITATION - 6 FOOT DIAMETER (CONTINUED)

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
153	Cementitious & Epoxy	VF	$376.00	$600.00	$730.00

FLEXIBLE MANHOLE CHIMNEY SEALANT

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
154	Mobilization (Each Purchase Order)	LS	$1,200.00	$1,000.00	$1,365.00
155	Up to 24" Diameter Chimney	VF	$495.00	$250.00	$892.00
156	24" to 36" Diameter Chimney	VF	$550.00	$500.00	$1,155.00
157	36" to 48" Diameter Chimney	VF	$625.00	$1,000.00	$1,485.00

MANHOLE RENOVATION USING CIPM

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
158	Mobilization (Each Purchase Order)	LS	$1,800.00	$1,500.00	$3,275.00
159	4' Diameter Manhole (Up to 6' Deep)	EA	$3,900.00	$2,500.00	$3,775.00
160	4' Diameter Manhole Extra Depth	VF	$650.00	$500.00	$530.00
161	5' Diameter Manhole (Up to 6' Deep)	EA	$5,250.00	$3,500.00	$4,175.00
162	5' Diameter Manhole Extra Depth	VF	$875.00	$600.00	$695.00
163	6' Diameter Manhole (Up to 6' Deep)	EA	$6,420.00	$4,000.00	$4,550.00
164	6" Diameter Manhole Extra Depth	VF	$1,070.00	$700.00	$760.00

OPEN TRENCH SEWER LINE POINT REPAIR FOR AN 8" TO 10" DIAMETER SEWER MAIN

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
165	Mobilization (Each Purchase Order)	LS	$1,100.00	$2,250.00	$1,365.00
166	0'-6' Deep Under Turf, Up to 10' Long	EA	$1,775.00	$1,950.00	$2,037.00
167	Additional Footage (>10'), 0'-6' Deep Under Turf	LF	$110.00	$70.00	$213.40
168	6'-12' Deep Under Turf, Up to 10' Long	EA	$2,000.00	$2,200.00	$3,046.05
169	Additional Footage (>10'), 6'-12' Deep Under Turf	LF	$120.00	$70.00	$304.50
170	12'-18' Deep Under Turf, Up to 10' Long	EA	$3,300.00	$3,000.00	$4,373.25
171	Additional Footage (>10'), 12'-18' Deep Under Turf	LF	$200.00	$80.00	$457.60
172	0'-6' Deep Under Alleyway, Up to 10' Long	EA	$2,600.00	$2,500.00	$2,962.05
173	Additional Footage (>10'), 0'-6' Deep Under Alleyway	LF	$140.00	$85.00	$296.10
174	6'-12' Deep Under Alleyway, Up to 10' Long	EA	$3,100.00	$2,750.00	$3,661.35
175	Additional Footage (>10'), 6'-12' Deep Under Alleyway	LF	$168.00	$90.00	$366.45
176	12'-18' Deep Under Alleyway, Up to 10' Long	EA	$4,300.00	$4,000.00	$5,619.60
177	Additional Footage (>10'), 12'-18' Deep Under Alleyway	LF	$240.00	$110.00	$562.80
178	0'-6' Deep Under Pavement, Up to 10' Long	EA	$4,100.00	$4,000.00	$6,279.00
179	Additional Footage (>10'), 0'-6' Deep Under Pavement	LF	$240.00	$120.00	$627.90
180	6'-12' Deep Under Pavement, Up to 10' Long	EA	$4,400.00	$4,500.00	$6,594.00
181	Additional Footage (>10'), 6'-12' Deep Under Pavement	LF	$250.00	$120.00	$657.30
182	12'-18' Deep Under Pavement, Up to 10' Long	EA	$6,400.00	$5,500.00	$7,840.35
183	Additional Footage (>10'), 12'-18' Deep Under Pavement	LF	$375.00	$200.00	$798.00

OPEN TRENCH SEWER LINE POINT REPAIR FOR A 12" DIAMETER SEWER MAIN

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
184	Mobilization (Each Purchase Order)	LS	$1,100.00	$2,250.00	$1,430.00
185	0'-6' Deep Under Turf, Up to 10' Long	EA	$1,900.00	$2,000.00	$2,420.00
186	Additional Footage (>10'), 0'-6' Deep Under Turf	LF	$125.00	$75.00	$247.50
187	6'-12' Deep Under Turf, Up to 10' Long	EA	$2,300.00	$2,250.00	$3,261.50
188	Additional Footage (>10'), 6'-12' Deep Under Turf	LF	$150.00	$75.00	$319.00
189	12'-18' Deep Under Turf, Up to 10' Long	EA	$3,500.00	$3,500.00	$4,645.30
190	Additional Footage (>10'), 12'-18' Deep Under	LF	$225.00	$75.00	$466.40
191	0'-6' Deep Under Alleyway, Up to 10' Long	EA	$2,750.00	$3,000.00	$3,440.80
192	Additional Footage (>10'), 0'-6' Deep Under Alleyway	LF	$165.00	$95.00	$352.00
193	6'-12' Deep Under Alleyway, Up to 10' Long	EA	$3,200.00	$3,100.00	$3,685.00
194	Additional Footage (>10'), 6'-12' Deep Under Alleyway	LF	$200.00	$100.00	$385.00
195	12'-18' Deep Under Alleyway, Up to 10' Long	EA	$4,900.00	$4,500.00	$5,296.50
196	Additional Footage (>10'), 12'-18' Deep Under Alleyway	LF	$275.00	$120.00	$530.20
197	0'-6' Deep Under Pavement, Up to 10' Long	EA	$4,600.00	$4,500.00	$6,660.50
198	Additional Footage (>10'), 0'-6' Deep Under Pavement	LF	$275.00	$120.00	$671.00
199	6'-12' Deep Under Pavement, Up to 10' Long	EA	$5,400.00	$5,000.00	$7,128.00
200	Additional Footage (>10'), 6'-12' Deep Under Pavement	LF	$300.00	$140.00	$682.00
201	12'-18' Deep Under Pavement, Up to 10' Long	EA	$7,700.00	$6,000.00	$8,411.70
202	Additional Footage (>10'), 12'-18' Deep Under Pavement	LF	$450.00	$250.00	$775.50

OPEN TRENCH SEWER LINE POINT REPAIR FOR A 15" DIAMETER SEWER MAIN

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
203	Mobilization (Each Purchase Order)	LS	$1,100.00	$2,250.00	$1,430.00
204	0'-6' Deep Under Turf, Up to 10' Long	EA	$2,200.00	$2,250.00	$2,775.30
205	Additional Footage (>10'), 0'-6' Deep Under Turf	LF	$150.00	$85.00	$298.10
206	6'-12' Deep Under Turf, Up to 10' Long	EA	$2,750.00	$2,750.00	$3,421.00
207	Additional Footage (>10'), 6'-12' Deep Under Turf	LF	$175.00	$90.00	$333.30
208	12'-18' Deep Under Turf, Up to 10' Long	EA	$4,000.00	$4,000.00	$4,939.00
209	Additional Footage (>10'), 12'-18' Deep Under Turf	LF	$220.00	$95.00	$509.30
210	0'-6' Deep Under Alleyway, Up to 10' Long	EA	$3,000.00	$4,500.00	$4,609.00
211	Additional Footage (>10'), 0'-6' Deep Under Alleyway	LF	$185.00	$110.00	$451.00
212	6'-12' Deep Under Alleyway, Up to 10' Long	EA	$3,500.00	$4,750.00	$5,115.00
213	Additional Footage (>10'), 6'-12' Deep Under Alleyway	LF	$200.00	$120.00	$495.00
214	12'-18' Deep Under Alleyway, Up to 10' Long	EA	$5,000.00	$5,000.00	$6,517.50
215	Additional Footage (>10'), 12'-18' Deep Under Alleyway	LF	$275.00	$150.00	$638.00
216	0'-6' Deep Under Pavement, Up to 10' Long	EA	$4,800.00	$5,150.00	$7,210.50

OPEN TRENCH SEWER LINE POINT REPAIR FOR A 15" DIAMETER SEWER MAIN (CONTINUED)

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
217	Additional Footage (>10'), 0'-6' Deep Under Pavement	LF	$300.00	$180.00	$715.00
218	6'-12' Deep Under Pavement, Up to 10' Long	EA	$5,500.00	$5,500.00	$7,678.00
219	Additional Footage (>10'), 6'-12' Deep Under Pavement	LF	$300.00	$185.00	$748.00
220	12'-18' Deep Under Pavement, Up to 10' Long	EA	$7,700.00	$7,000.00	$9,071.70
221	Additional Footage (>10'), 12'-18' Deep Under Pavement	LF	$440.00	$250.00	$891.00

OPEN TRENCH SEWER LINE POINT REPAIR FOR AN 18" DIAMETER SEWER MAIN

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
222	Mobilization (Each Purchase Order)	LS	$1,100.00	$2,250.00	$1,430.00
223	0'-6' Deep Under Turf, Up to 10' Long	EA	$2,750.00	$3,000.00	$3,325.30
224	Additional Footage (>10'), 0'-6' Deep Under Turf	LF	$200.00	$110.00	$330.00
225	6'-12' Deep Under Turf, Up to 10' Long	EA	$3,200.00	$3,500.00	$4,026.00
226	Additional Footage (>10'), 6'-12' Deep Under Turf	LF	$225.00	$120.00	$396.00
227	12'-18' Deep Under Turf, Up to 10' Long	EA	$4,400.00	$4,000.00	$5,599.00
228	Additional Footage (>10'), 12'-18' Deep Under Turf	LF	$275.00	$150.00	$561.00
229	0'-6' Deep Under Alleyway, Up to 10' Long	EA	$3,800.00	$4,500.00	$5,379.00
230	Additional Footage (>10'), 0'-6' Deep Under Alleyway	LF	$250.00	$180.00	$528.00
231	6'-12' Deep Under Alleyway, Up to 10' Long	EA	$4,000.00	$5,000.00	$5,731.00
232	Additional Footage (>10'), 6'-12' Deep Under Alleyway	LF	$250.00	$200.00	$586.30
233	12'-18' Deep Under Alleyway, Up to 10' Long	EA	$5,500.00	$5,500.00	$6,066.50
234	Additional Footage (>10'), 12'-18' Deep Under Alleyway	LF	$330.00	$225.00	$566.50
235	0'-6' Deep Under Pavement, Up to 10' Long	EA	$5,400.00	$6,000.00	$7,980.50
236	Additional Footage (>10'), 0'-6' Deep Under Pavement	LF	$325.00	$250.00	$775.50
237	6'-12' Deep Under Pavement, Up to 10' Long	EA	$6,100.00	$6,500.00	$8,668.00
238	Additional Footage (>10'), 6'-12' Deep Under Pavement	LF	$350.00	$300.00	$854.70
239	12'-18' Deep Under Pavement, Up to 10' Long	EA	$8,300.00	$8,000.00	$10,061.70
240	Additional Footage (>10'), 12'-18' Deep Under Pavement	LF	$500.00	$400.00	$1,015.30

OPEN TRENCH LATERAL (4" TO 6" DIA.) CONNECTION REPAIR FOR AN 8" TO 10" DIA. SEWER MAIN

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
241	Mobilization (Each Purchase Order)	LS	$1,100.00	$2,000.00	$1,365.00
242	0'-6' Deep Under Turf	EA	$2,200.00	$2,000.00	$1,945.65
243	6'-12' Deep Under Turf	EA	$2,700.00	$2,000.00	$2,155.65
244	12'-18' Deep Under Turf	EA	$4,000.00	$2,250.00	$2,730.00
245	0'-6' Deep Under Alleyway	EA	$3,000.00	$2,000.00	$2,289.00
246	6'-12' Deep Under Alleyway	EA	$3,400.00	$2,250.00	$2,688.00
247	12'-18' Deep Under Alleyway	EA	$4,800.00	$3,000.00	$3,238.20
248	0'-6' Deep Under Pavement	EA	$5,100.00	$4,000.00	$2,903.25

OPEN TRENCH LATERAL (4" TO 6" DIA.) CONNECTION REPAIR FOR AN 8" TO 10" DIA. SEWER MAIN (CONTINUED)

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
249	6'-12' Deep Under Pavement	EA	$5,200.00	$4,500.00	$3,302.25
250	12'-18' Deep Under Pavement	EA	$7,200.00	$5,000.00	$3,852.45

OPEN TRENCH LATERAL (4" TO 6" DIA.) CONNECTION REPAIR FOR A 12" DIA. SEWER MAIN

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
251	Mobilization (Each Purchase Order)	LS	$1,100.00	$2,000.00	$1,430.00
252	0'-6' Deep Under Turf	EA	$2,400.00	$2,500.00	$2,046.45
253	6'-12' Deep Under Turf	EA	$3,000.00	$2,750.00	$2,256.45
254	12'-18' Deep Under Turf	EA	$4,200.00	$3,000.00	$2,835.00
255	0'-6' Deep Under Alleyway	EA	$3,200.00	$3,500.00	$2,386.65
256	6'-12' Deep Under Alleyway	EA	$3,500.00	$3,750.00	$2,788.80
257	12'-18' Deep Under Alleyway	EA	$5,100.00	$4,000.00	$3,339.00
258	0'-6' Deep Under Pavement	EA	$5,500.00	$4,000.00	$3,004.05
259	6'-12' Deep Under Pavement	EA	$6,000.00	$4,500.00	$3,403.05
260	12'-18' Deep Under Pavement	EA	$8,100.00	$5,500.00	$3,953.25

OPEN TRENCH LATERAL (4" TO 6" DIA.) CONNECTION REPAIR FOR A 15" DIA. SEWER MAIN

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
261	Mobilization (Each Purchase Order)	LS	$1,100.00	$2,000.00	$1,430.00
262	0'-6' Deep Under Turf	EA	$2,500.00	$2,500.00	$2,236.30
263	6'-12' Deep Under Turf	EA	$3,000.00	$2,750.00	$2,456.30
264	12'-18' Deep Under Turf	EA	$4,300.00	$3,000.00	$3,058.00
265	0'-6' Deep Under Alleyway	EA	$3,200.00	$3,500.00	$2,596.00
266	6'-12' Deep Under Alleyway	EA	$3,700.00	$3,750.00	$3,014.00
267	12'-18' Deep Under Alleyway	EA	$5,100.00	$4,000.00	$3,590.40
268	0'-6' Deep Under Pavement	EA	$5,600.00	$4,000.00	$3,239.50
269	6'-12' Deep Under Pavement	EA	$5,500.00	$4,500.00	$3,657.50
270	12'-18' Deep Under Pavement	EA	$8,300.00	$5,500.00	$4,233.90

OPEN TRENCH LATERAL (4" TO 6" DIA.) CONNECTION REPAIR FOR A 18" DIA. SEWER MAIN

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
271	Mobilization (Each Purchase Order)	LS	$1,100.00	$2,000.00	$1,430.00
272	0'-6' Deep Under Turf	EA	$2,700.00	$3,000.00	$2,566.30
273	6'-12' Deep Under Turf	EA	$3,000.00	$3,500.00	$2,786.30
274	12'-18' Deep Under Turf	EA	$4,500.00	$4,000.00	$3,388.00
275	0'-6' Deep Under Alleyway	EA	$3,400.00	$3,750.00	$2,926.00
276	6'-12' Deep Under Alleyway	EA	$3,800.00	$4,000.00	$3,344.00
277	12'-18' Deep Under Alleyway	EA	$5,500.00	$4,500.00	$3,920.40
278	0'-6' Deep Under Pavement	EA	$5,800.00	$5,000.00	$3,569.50
279	6'-12' Deep Under Pavement	EA	$6,200.00	$5,500.00	$3,987.50
280	12'-18' Deep Under Pavement	EA	$8,400.00	$6,000.00	$4,530.90

OPEN TRENCH LATERAL SEWER LINE (4" TO 6" DIA.)

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
281	0'-6' Deep Under Turf	LF	$48.00	$30.00	$26.40
282	6'-12' Deep Under Turf	LF	$85.00	$35.00	$36.47
283	12'-18' Deep Under Turf	LF	$110.00	$40.00	$61.94
284	0'-6' Deep Under Alleyway	LF	$84.00	$35.00	$46.97
285	6'-12' Deep Under Alleyway	LF	$100.00	$50.00	$77.58

OPEN TRENCH LATERAL SEWER LINE (4" TO 6" DIA.) (CONTINUED)

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
286	12'-18' Deep Under Alleyway	LF	$145.00	$75.00	$108.20
287	0'-6' Deep Under Pavement	LF	$125.00	$100.00	$78.25
288	6'-12' Deep Under Pavement	LF	$150.00	$110.00	$108.87
289	12'-18' Deep Under Pavement	LF	$210.00	$150.00	$139.48

PRESSURE TESTING AND GROUTING OF SEWER LATERAL LINE JOINTS

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
290	Mobilization (Each Purchase Order)	LS	$750.00	$1,500.00	$2,750.00
291	Testing of 8" Diameter Pipe Joints	EA	$50.00	$155.00	$50.00
292	Testing of 10" Diameter Pipe Joints	EA	$50.00	$155.00	$55.00
293	Testing of 12" Diameter Pipe Joints	EA	$50.00	$155.00	$60.00
294	Grouting of 8" Diameter Pipe Joints	EA	$30.00	$155.00	$1.00
295	Grouting of 10" Diameter Pipe Joints	EA	$30.00	$155.00	$1.00
296	Grouting of 12" Diameter Pipe Joints	EA	$30.00	$155.00	$1.50
297	Testing Lateral Connections on an 8" Diameter Sewer Main	EA	$400.00	$500.00	$475.00
298	Testing Lateral Connections on a 10" Diameter Sewer Main	EA	$400.00	$500.00	$475.00
299	Testing Lateral Connections on a 12" Diameter Sewer Main	EA	$400.00	$500.00	$475.00
300	Grouting Lateral Connections on an 8" Diameter Sewer Main	EA	$100.00	$500.00	$1.00
301	Grouting Lateral Connections on a 10" Diameter Sewer Main	EA	$100.00	$500.00	$1.00
302	Grouting Lateral Connections on a 12" Diameter Sewer Main	EA	$100.00	$500.00	$1.00
303	Testing of Small Diameter Sewer Lines Connected to Manholes	EA	$400.00	$500.00	$475.00
304	Grouting of Small Diameter Sewer Lines Connected to Manholes	EA	$100.00	$500.00	$100.00
305	Grout	GAL	$12.00	$20.00	$12.50
306	Chemical Grout	GAL	$12.00	$20.00	$12.50

SANITARY SEWER EASEMENT CLEARING AND GRUBBING

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
307	Mobilization (Each Purchase Order)	LS	$1,100.00	$1,500.00	$1,430.00
308	Operator with Hand Tools	HR	$140.00	$300.00	$132.00
309	Operator with Machine	HR	$165.00	$600.00	$243.10

BY-PASS PUMPING

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
310	Mobilization (Each Purchase Order)	LS	$3,850.00	$2,500.00	$5,000.00
311	4-Inch By-Pass Pump	HR	$325.00	$400.00	$1,000.00
312	6-Inch By-Pass Pump	HR	$450.00	$600.00	$1,500.00
313	8-Inch By-Pass Pump	HR	$725.00	$900.00	$2,000.00

DISPOSAL OF LEAD CONTAMINATED SOIL

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
314	Disposal, per Specifications	CY	$13.50	$18.00	$19.95

TRAFFIC CONTROL

Item No.	Item Description	Unit	Unit Price	Unit Price	Unit Price
315	Local Street Closure	EA	$525.00	$1,000.00	$525.00
316	Short Duration Traffic Control for Collector or Arterial	EA	$525.00	$1,000.00	$525.00
	Short-Term Stationary Traffic Control For Collector or Arterial				
317	Outside Lane Closure (1-day)	EA	$630.00	$1,200.00	$630.00
318	Inside Lane Closure (1-day)	EA	$650.00	$1,200.00	$651.00
319	Center Turn Lane Closure (1-day)	EA	$700.00	$1,200.00	$703.50
320	Two-Lane Closure (1-day)	EA	$775.00	$1,500.00	$761.25
	Intermediate-Term Stationary Traffic Control For Collector or Arterial				
321	Outside Lane Closure (Up to 3-days)	EA	$1,650.00	$2,500.00	$1,650.00
322	Outside Lane Closure (Each Additional Day)	DAY	$400.00	$600.00	$385.00
323	Inside Lane Closure (Up to 3-days)	EA	$1,700.00	$2,500.00	$1,695.00
324	Inside Lane Closure (Each Additional Day)	DAY	$400.00	$600.00	$395.00
325	Center Turn Lane Closure (Up to 3-days)	EA	$1,800.00	$2,500.00	$1,770.00
326	Center Turn Lane Closure (Each Additional Day)	DAY	$400.00	$600.00	$385.00
327	Two-Lane Closure (Up to 3-days)	EA	$1,750.00	$2,500.00	$1,775.00
328	Two-Lane Closure (Each Additional Day)	DAY	$420.00	$600.00	$420.00
1.5% PERFORMANCE AND PAYMENT BOND			1.5%	1.5%	1.5%

This is to certify that at 10:00 am on October 12, 2017 at the office of the City of Joplin, MO., the bids were publicly opened, read aloud, checked, and the above totals are correct as to the additions and the bids were accompanied by acceptable bidder's bonds.



By _____

John Briggs, P.E.

ALLGEIER, MARTIN and ASSOCIATES, INC.
Consulting Engineers

2018 & 2019 EVALUATION AND REHABILITATION OF WASTEWATER COLLECTION SYSTEM
CITY OF JOPLIN, MISSOURI
ESTIMATED PURCHASE ORDER NUMBER 1

ENGINEER'S ESTIMATE = $990,355.58

SEWER LINE CLEANING AND CCTV INSPECTION

Item No.	Item Description	Unit	No. Units	Ace Pipe Cleaning, Inc. Kansas City, MO		Humbard Contracting, Inc. Green Forest, AR		Visu-Sewer of Mo., LLC Pewaukee, WI	
				Unit Price	Extended Total	Unit Price	Extended Total	Unit Price	Extended Total
1	Mobilization (Each Purchase Order)	LS	1	$750.00	$750.00	$1,000.00	$1,000.00	$2,750.00	$2,750.00
	Light Cleaning								
2	6” to 10” Diameter	LF	25000	$0.55	$13,750.00	$0.65	$16,250.00	$0.80	$20,000.00
3	12” to 16” Diameter	LF	5000	$0.60	$3,000.00	$0.75	$3,750.00	$0.80	$4,000.00
	Heavy Cleaning								
9	6” to 10” Diameter	LF	6500	$0.75	$4,875.00	$1.00	$6,500.00	$1.75	$11,375.00
10	12” to 16” Diameter	LF	1250	$2.10	$2,625.00	$2.00	$2,500.00	$2.75	$3,437.50
	CCTV Inspection (PACP Compliant)								
16	6” to 10” Diameter	LF	25000	$0.74	$18,500.00	$0.60	$15,000.00	$1.00	$25,000.00
17	12” to 16” Diameter	LF	5000	$0.90	$4,500.00	$0.75	$3,750.00	$1.00	$5,000.00

SEWER LINE CLEANING, CCTV INSPECTION, & MISCELLANEOUS SERVICES

Regular Rates (A minimum 4-hour charge shall be applied to all hourly services to account for mobilization)

Item No.	Item Description	Unit	No. Units	Ace Pipe Cleaning, Inc. Kansas City, MO		Humbard Contracting, Inc. Green Forest, AR		Visu-Sewer of Mo., LLC Pewaukee, WI	
				Unit Price	Extended Total	Unit Price	Extended Total	Unit Price	Extended Total
23	Operator and TV Truck	HR	8	$180.00	$1,440.00	$150.00	$1,200.00	$165.00	$1,320.00
25	Operator and Jetter/Combo Unit	HR	8	$185.00	$1,480.00	$150.00	$1,200.00	$225.00	$1,800.00
32	2-Operators, TV Truck, and Jetter/Combo Unit	HR	24	$340.00	$8,160.00	$300.00	$7,200.00	$390.00	$9,360.00

MANHOLE CLEANING AND INSPECTION

Item No.	Item Description	Unit	No. Units	Ace Pipe Cleaning, Inc. Kansas City, MO		Humbard Contracting, Inc. Green Forest, AR		Visu-Sewer of Mo., LLC Pewaukee, WI	
				Unit Price	Extended Total	Unit Price	Extended Total	Unit Price	Extended Total
52	Mobilization (Each Purchase Order)	LS	1	$750.00	$750.00	$600.00	$600.00	$2,000.00	$2,000.00
53	Manhole Cleaning	EA	20	$40.00	$800.00	$60.00	$1,200.00	$50.00	$1,000.00
54	Manhole Inspection	EA	20	$75.00	$1,500.00	$120.00	$2,400.00	$85.00	$1,700.00

LATERAL SEWER LINE CCTV INSPECTION

Item No.	Item Description	Unit	No. Units	Ace Pipe Cleaning, Inc. Kansas City, MO		Humbard Contracting, Inc. Green Forest, AR		Visu-Sewer of Mo., LLC Pewaukee, WI	
				Unit Price	Extended Total	Unit Price	Extended Total	Unit Price	Extended Total
55	Mobilization (Each Purchase Order)	LS	1	$750.00	$750.00	$750.00	$750.00	$2,750.00	$2,750.00
56	Setup Per Manhole to Manhole Segment	EA	5	$50.00	$250.00	$100.00	$500.00	$50.00	$250.00
57	CCTV Lateral Line Inspection	EA	25	$225.00	$5,625.00	$200.00	$5,000.00	$225.00	$5,625.00

SMOKE TESTING

Item No.	Item Description	Unit	No. Units	Unit Price	Extended Total	Unit Price	Extended Total	Unit Price	Extended Total
63	Mobilization (Each Purchase Order)	LS	1	$2,100.00	$2,100.00	$1,000.00	$1,000.00	$2,000.00	$2,000.00
64	8" to 12" Diameter	LF	25000	$0.46	$11,500.00	$0.65	$16,250.00	$0.45	$11,250.00
65	14" to 18" Diameter	LF	5000	$0.46	$2,300.00	$0.65	$3,250.00	$0.45	$2,250.00

LINING OF EXISTING SEWERS - CIPP

Item No.	Item Description	Unit	No. Units	Unit Price	Extended Total	Unit Price	Extended Total	Unit Price	Extended Total
66, 96 or 102	Mobilization (Each Purchase Order)	LS	1	$8,000.00	$8,000.00	$2,000.00	$2,000.00	$7,500.00	$7,500.00
67, 97 or 103	8" Diameter (6 mm Liner Thickness)	LF	5,000	$23.25	$116,250.00	$30.75	$153,750.00	$22.75	$113,750.00
69, 98, 104	10" Diameter (6 mm Liner Thickness)	LF	2500	$26.25	$65,625.00	$42.00	$105,000.00	$25.65	$64,125.00
71, 99 or 105	12" Diameter (6 mm Liner Thickness)	LF	800	$36.25	$29,000.00 *	$49.50	$39,600.00	$35.50	$28,400.00

CIPP POINT REPAIRS (5-FOOT LONG)

Item No.	Item Description	Unit	No. Units	Unit Price	Extended Total	Unit Price	Extended Total	Unit Price	Extended Total
90	Mobilization (Each Purchase Order)	LS	1	$2,000.00	$2,000.00	$1,200.00	$1,200.00	$3,150.00	$3,150.00
91	8" Diameter	EA	50	$1,600.00	$80,000.00	$1,400.00	$70,000.00	$1,835.00	$91,750.00
92	10" Diameter	EA	10	$1,700.00	$17,000.00	$1,500.00	$15,000.00	$2,100.00	$21,000.00

TRENCHLESS LATERAL CONNECTION REPAIR (LCR)

Item No.	Item Description	Unit	No. Units	Unit Price	Extended Total	Unit Price	Extended Total	Unit Price	Extended Total
115	Mobilization (Each Purchase Order)	LS	1	$2,500.00	$2,500.00	$1,500.00	$1,500.00	$4,200.00	$4,200.00
116	Setup Per Manhole to Manhole Segment	EA	20	$500.00	$10,000.00	$500.00	$10,000.00	$785.00	$15,700.00
117	LCR - 8" to 12" Diameter Main, 4" to 6" Diameter Lateral, Up to 18" Long	EA	150	$1,300.00	$195,000.00	$1,490.00	$223,500.00	$1,470.00	$220,500.00

MANHOLE FRAME AND COVER REPLACEMENT (OWNER PROVIDES FRAME AND COVER)

Item No.	Item Description	Unit	No. Units	Unit Price	Extended Total	Unit Price	Extended Total	Unit Price	Extended Total
132	Mobilization (Each Purchase Order)	LS	1	$1,100.00	$1,100.00	$1,250.00	$1,250.00	$1,365.00	$1,365.00
133	Under Turf	EA	5	$910.00	$4,550.00	$900.00	$4,500.00	$779.10	$3,895.50
134	Under Alleyway	EA	20	$1,100.00	$22,000.00	$1,000.00	$20,000.00	$871.50	$17,430.00
135	Under Pavement	EA	5	$2,750.00	$13,750.00 *	$1,500.00	$7,500.00	$1,434.30	$7,171.50

MANHOLE REHABILITATION - 4 FOOT DIAMETER

Item No.	Item Description	Unit	No. Units	Unit Price	Extended Total	Unit Price	Extended Total	Unit Price	Extended Total
136	Mobilization (Each Purchase Order)	LS	1	$1,500.00	$1,500.00	$1,700.00	$1,700.00	$2,000.00	$2,000.00
139	Cementitious with Antimicrobial Additive	VF	200	$175.00	$35,000.00	$170.00	$34,000.00	$140.00	$28,000.00
141	Epoxy	VF	15	$325.00	$4,875.00	$400.00	$6,000.00	$480.00	$7,200.00

FLEXIBLE MANHOLE CHIMNEY SEALANT

Item No.	Item Description	Unit	No. Units	Unit Price	Extended Total	Unit Price	Extended Total	Unit Price	Extended Total
154	Mobilization (Each Purchase Order)	LS	1	$1,200.00	$1,200.00	$1,000.00	$1,000.00	$1,365.00	$1,365.00
155	Up to 24" Diameter Chimney	VF	40	$495.00	$19,800.00	$250.00	$10,000.00	$892.00	$35,680.00

OPEN TRENCH SEWER LINE POINT REPAIR FOR AN 8" TO 10" DIAMETER SEWER MAIN

Item No.	Item Description	Unit	No. Units	Unit Price	Extended Total	Unit Price	Extended Total	Unit Price	Extended Total
165	Mobilization (Each Purchase Order)	LS	1	$1,100.00	$1,100.00	$2,250.00	$2,250.00	$1,365.00	$1,365.00
166	0'-6' Deep Under Turf, Up to 10' Long	EA	1	$1,775.00	$1,775.00	$1,950.00	$1,950.00	$2,037.00	$2,037.00
168	6'-12' Deep Under Turf, Up to 10' Long	EA	1	$2,000.00	$2,000.00	$2,200.00	$2,200.00	$3,046.05	$3,046.05
169	Additional Footage (>10'), 6'-12' Deep Under Turf	LF	10	$120.00	$1,200.00	$70.00	$700.00	$304.50	$3,045.00
170	12'-18' Deep Under Turf, Up to 10' Long	EA	1	$3,300.00	$3,300.00	$3,000.00	$3,000.00	$4,373.25	$4,373.25
172	0'-6' Deep Under Alleyway, Up to 10' Long	EA	1	$2,600.00	$2,600.00	$2,500.00	$2,500.00	$2,962.05	$2,962.05
173	Additional Footage (>10'), 0'-6' Deep Under Alleyway	LF	10	$140.00	$1,400.00	$85.00	$850.00	$296.10	$2,961.00
174	6'-12' Deep Under Alleyway, Up to 10' Long	EA	5	$3,100.00	$15,500.00	$2,750.00	$13,750.00	$3,661.35	$18,306.75
175	Additional Footage (>10'), 6'-12' Deep Under Alleyway	LF	50	$168.00	$8,400.00	$90.00	$4,500.00	$366.45	$18,322.50
176	12'-18' Deep Under Alleyway, Up to 10' Long	EA	1	$4,300.00	$4,300.00	$4,000.00	$4,000.00	$5,619.60	$5,619.60
177	Additional Footage (>10'), 12'-18' Deep Under Alleyway	LF	10	$240.00	$2,400.00	$110.00	$1,100.00	$562.80	$5,628.00
178	0'-6' Deep Under Pavement, Up to 10' Long	EA	1	$4,100.00	$4,100.00	$4,000.00	$4,000.00	$6,279.00	$6,279.00
179	Additional Footage (>10'), 0'-6' Deep Under Pavement	LF	10	$240.00	$2,400.00	$120.00	$1,200.00	$627.90	$6,279.00
180	6'-12' Deep Under Pavement, Up to 10' Long	EA	1	$4,400.00	$4,400.00	$4,500.00	$4,500.00	$6,594.00	$6,594.00
181	Additional Footage (>10'), 6'-12' Deep Under Pavement	LF	10	$250.00	$2,500.00	$120.00	$1,200.00	$657.30	$6,573.00
182	12'-18' Deep Under Pavement, Up to 10' Long	EA	1	$6,400.00	$6,400.00	$5,500.00	$5,500.00	$7,840.35	$7,840.35
183	Additional Footage (>10'), 12'-18' Deep Under Pavement	LF	10	$375.00	$3,750.00	$200.00	$2,000.00	$798.00	$7,980.00

OPEN TRENCH LATERAL (4" TO 6" DIA.) CONNECTION REPAIR FOR AN 8" TO 10" DIA. SEWER MAIN

Item No.	Item Description	Unit	No. Units	Unit Price	Extended Total	Unit Price	Extended Total	Unit Price	Extended Total
241	Mobilization (Each Purchase Order)	LS	1	$1,100.00	$1,100.00	$2,000.00	$2,000.00	$1,365.00	$1,365.00
242	0'-6' Deep Under Turf	EA	1	$2,200.00	$2,200.00	$2,000.00	$2,000.00	$1,945.65	$1,945.65
243	6'-12' Deep Under Turf	EA	1	$2,700.00	$2,700.00 *	$2,000.00	$2,000.00	$2,155.65	$2,155.65
244	12'-18' Deep Under Turf	EA	1	$4,000.00	$4,000.00	$2,250.00	$2,250.00	$2,730.00	$2,730.00
245	0'-6' Deep Under Alleyway	EA	5	$3,000.00	$15,000.00	$2,000.00	$10,000.00	$2,289.00	$11,445.00
246	6'-12' Deep Under Alleyway	EA	10	$3,400.00	$34,000.00	$2,250.00	$22,500.00	$2,688.00	$26,880.00
247	12'-18' Deep Under Alleyway	EA	5	$4,800.00	$24,000.00	$3,000.00	$15,000.00	$3,238.20	$16,191.00
248	0'-6' Deep Under Pavement	EA	1	$5,100.00	$5,100.00	$4,000.00	$4,000.00	$2,903.25	$2,903.25
249	6'-12' Deep Under Pavement	EA	1	$5,200.00	$5,200.00	$4,500.00	$4,500.00	$3,302.25	$3,302.25
250	12'-18' Deep Under Pavement	EA	1	$7,200.00	$7,200.00	$5,000.00	$5,000.00	$3,852.45	$3,852.45

OPEN TRENCH LATERAL SEWER LINE (4" TO 6" DIA.)

Item No.	Item Description	Unit	No. Units	Unit Price	Extended Total		Unit Price	Extended Total	Unit Price	Extended Total
281	0'-6' Deep Under Turf	LF	5	$48.00	$240.00		$30.00	$150.00	$26.40	$132.00
282	6'-12' Deep Under Turf	LF	10	$85.00	$850.00		$35.00	$350.00	$36.47	$364.70
283	12'-18' Deep Under Turf	LF	15	$110.00	$1,650.00		$40.00	$600.00	$61.94	$929.10
284	0'-6' Deep Under Alleyway	LF	25	$84.00	$2,100.00		$35.00	$875.00	$46.97	$1,174.25
285	6'-12' Deep Under Alleyway	LF	100	$100.00	$10,000.00		$50.00	$5,000.00	$77.58	$7,758.00
286	12'-18' Deep Under Alleyway	LF	75	$145.00	$10,875.00		$75.00	$5,625.00	$108.20	$8,115.00
287	0'-6' Deep Under Pavement	LF	5	$125.00	$625.00		$100.00	$500.00	$78.25	$391.25
288	6'-12' Deep Under Pavement	LF	10	$150.00	$1,500.00		$110.00	$1,100.00	$108.87	$1,088.70
289	12'-18' Deep Under Pavement	LF	15	$210.00	$3,150.00		$150.00	$2,250.00	$139.48	$2,092.20

DISPOSAL OF LEAD CONTAMINATED SOIL

Item No.	Item Description	Unit	No. Units	Unit Price	Extended Total		Unit Price	Extended Total	Unit Price	Extended Total
314	Disposal, per Specifications	CY	1000	$13.50	$13,500.00		$18.00	$18,000.00	$19.95	$19,950.00

TRAFFIC CONTROL

Item No.	Item Description	Unit	No. Units	Unit Price	Extended Total		Unit Price	Extended Total	Unit Price	Extended Total
315	Local Street Closure	EA	2	$525.00	$1,050.00		$1,000.00	$2,000.00	$525.00	$1,050.00
316	Short Duration Traffic Control for Collector or Arterial	EA	10	$525.00	$5,250.00		$1,000.00	$10,000.00	$525.00	$5,250.00
	Short-Term Stationary Traffic Control for Collector or Arterial Street									
317	Outside Lane Closure (1-day)	EA	1	$650.00	$650.00		$1,200.00	$1,200.00	$630.00	$630.00
318	Inside Lane Closure (1-day)	EA	1	$675.00	$675.00		$1,200.00	$1,200.00	$651.00	$651.00
319	Center Turn Lane Closure (1-day)	EA	1	$700.00	$700.00	*	$1,200.00	$1,200.00	$703.50	$703.50
320	Two-Lane Closure (1-day)	EA	1	$775.00	$775.00	*	$1,500.00	$1,500.00	$761.25	$761.25
	Intermediate-Term Stationary Traffic Control For Collector or Arterial Street									
327	Two-Lane Closure (Up to 3-days)	EA	1	$1,750.00	$1,750.00		$2,500.00	$2,500.00	$1,775.00	$1,775.00
328	Two-Lane Closure (Each Additional Day)	DAY	11	$420.00	$4,620.00		$600.00	$6,600.00	$420.00	$4,620.00
1.5% PERFORMANCE AND PAYMENT BOND				$14,126.85	$14,126.85	*	$14,728.50	$14,728.50	$15,397.01	$15,397.01
					$955,916.85	*****		**$996,628.50**		**$1,041,864.26**

*** Denotes mathematical error.**

This is to certify that at 10:00 am on October 12, 2017 at the office of the City of Joplin, MO., the bids were publicly opened, read aloud, checked, and the above totals are correct as to the additions and the bids were accompanied by acceptable bidder's bonds.

By _____

John Briggs, P.E.