

NO.	ITEM	UOM	QTY	PRICE
Section A - CIPP Mainline Rehabilitation Gravity Applications				
1	6" x 4.5mm	1	LF	\$ 50.00
2	8" x 6.0mm	1	LF	\$ 45.00
3	10" x 6.0mm	1	LF	\$ 50.00
4	12" x 6.0mm	1	LF	\$ 60.00
5	15" x 7.5mm	1	LF	\$ 75.00
6	18" x 9.0mm	1	LF	\$ 90.00
7	21" x 9.0mm	1	LF	\$ 120.00
8	24" x 10.5mm	1	LF	\$ 145.00
9	27" x 10.5mm	1	LF	\$ 170.00
10	30" x 12.0mm	1	LF	\$ 190.00
11	33" x 12.0mm	1	LF	\$ 210.00
12	36" x 12.0mm	1	LF	\$ 245.00
13	42" x 13.5mm	1	LF	\$ 300.00
14	48" x 15.0mm	1	LF	\$ 430.00
15	54" x 18.0mm	1	LF	\$ 530.00
16	6" & 8" Additional 1.5mm	1	LF	\$ 1.00
17	10" & 12" Additional 1.5mm	1	LF	\$ 6.00
18	15" & 18" Additional 1.5mm	1	LF	\$ 19.00
19	21" & 24" Additional 1.5mm	1	LF	\$ 23.00
20	27" Additional 1.5mm	1	LF	\$ 25.00
21	30" Additional 1.5mm	1	LF	\$ 30.00
22	33" Additional 1.5mm	1	LF	\$ 32.00
23	36" Additional 1.5mm	1	LF	\$ 36.00
24	42" Additional 1.5mm	1	LF	\$ 41.00
25	48" Additional 1.5mm	1	LF	\$ 48.00
26	54" Additional 1.5mm	1	LF	\$ 55.00
27	6" - 12" CIPP Setup Charge Per Install Length	1	LF	\$ 20.00
28	15" - 21" CIPP Setup Charge Per Install Length	1	LF	\$ 30.00
29	24" - 36" CIPP Setup Charge Per Install Length	1	LF	\$ 45.00
30	36" or Larger CIPP Setup Charge Per Install Length	1	LF	\$ 65.00
31	6" - 10" Backyard Easement Setup Per Install Length	1	LF	\$ 20.00
32	12" - 18" Backyard Easement Setup Per Install Length	1	LF	\$ 30.00
33	Timber/Matting/Rock/Access	1	SY	\$ 250.00
34	CIPP Short Length Add-On (<300 LF)	1	IN/DIA/FT	\$ 25.00
35	Non-Standard Resin System Add-On	1	IN/DIA/FT	\$ 25.00
36	Scaffold setup Non-Standard	1	EA	\$ 15,000.00
37	Steel plate (per plate)	1	Day	\$ 300.00
37.1	Service Reinstatement in 6" - 18"	1	EA	\$ 350.00
37.2	Service Reinstatement in larger than 18"	1	EA	\$ 450.00
Note: Any CIPP over 54" will be on an individual quote basis.				

SECTION A TOTAL: \$ 19,636.00

NO.	ITEM	UOM	QTY	PRICE
Section B - Pipebursting Rehabilitation				
38	Burst existing 6" or 8" to 8" IPS SDR 19 (0'- 8' deep)	1	LF	\$ 85.00
39	Burst existing 6" or 8" to 8" IPS SDR 19 (8'- 12' deep)	1	LF	\$ 90.00
40	Burst existing 8" or 10" to 10" IPS SDR 19 (0'- 8' deep)	1	LF	\$ 90.00
41	Burst existing 8" or 10" to 10" IPS SDR 19 (8'- 12' deep)	1	LF	\$ 100.00
42	Burst existing 10" or 12" to 12" IPS SDR 19 (0'- 8' deep)	1	LF	\$ 115.00
43	Burst existing 10" or 12" to 12" IPS SDR 19 (8'- 12' deep)	1	LF	\$ 120.00
44	Burst existing 12" or 15" to 16" IPS SDR 19 (0'- 8' deep)	1	LF	\$ 130.00
45	Burst existing 12" or 15" to 16" IPS SDR 19 (8'- 12' deep)	1	LF	\$ 140.00
46	Burst existing 15" or 18" to 18" IPS SDR 19 (0'- 8' deep)	1	LF	\$ 150.00
47	Burst existing 15" or 18" to 18" IPS SDR 19 (8'- 12' deep)	1	LF	\$ 160.00
48	Burst existing 18" or 21" to 22" IPS SDR 19 (0'- 8' deep)	1	LF	\$ 190.00
49	Burst existing 18" or 21" to 22" IPS SDR 19 (8'- 12' deep)	1	LF	\$ 210.00
50	8" - 12" Pipeburst Setup Charge Per Install Length	1	LF	\$ 20.00
51	16" - 22" Pipeburst Setup Charge Per Install Length	1	LF	\$ 35.00
52	Pipeburst Short Length Add-On (<300 LF)	1	IN/DIA/FT	\$ 25.00
53	Change Pipeburst Pipe to Potable Water Grade or Non-Standard Pipe Type Add-On	1	IN/DIA/FT	\$ 25.00
54	Pipeburst Lateral Setup Charge	1	EA	\$ 2,000.00

55	Pipeburst Lateral	1	LF	\$	100.00
Note: Any pipebursting over 22", greater than 1 standard size increase, or deeper than 12' will be on an individual quote basis.					
SECTION B TOTAL:				\$	3,785.00

Section C / D - Clean/TV & Evaluation for Gravity Pipelines					
NO.	ITEM	UOM	QTY	PRICE	
56	6" Clean and TV	1	LF	\$	7.00
57	8" Clean and TV	1	LF	\$	7.00
58	10" Clean and TV	1	LF	\$	8.00
59	12" Clean and TV	1	LF	\$	10.00
60	15" Clean and TV	1	LF	\$	12.00
61	18" Clean and TV	1	LF	\$	14.00
62	21" Clean and TV	1	LF	\$	15.00
63	24" Clean and TV	1	LF	\$	17.00
64	27" Clean and TV sanitary sewer	1	LF	\$	21.00
65	30" Clean and TV sanitary sewer	1	LF	\$	23.00
66	33" Clean and TV sanitary sewer	1	LF	\$	28.00
67	36" Clean and TV sanitary sewer	1	LF	\$	35.00
68	42" Clean and TV sanitary sewer	1	LF	\$	41.00
69	48" Clean and TV sanitary sewer	1	LF	\$	52.00
70	54" Clean and TV sanitary sewer	1	LF	\$	62.00
71	6" - 18" Post TV Inspection After Rehabilitation	1	LF	\$	5.00
72	21" - 36" Post TV Inspection After Rehabilitation	1	LF	\$	6.00
73	42" or Larger Post TV Inspection After Rehabilitation	1	LF	\$	6.00
74	Re-setup for TV Due to Point Repairs	1	EA	\$	250.00
75	Root/Grease removal 6" - 12"	1	LF	\$	5.00
76	Root/Grease removal 13" - 18"	1	LF	\$	10.00
77	Root/Grease removal 18" - 24"	1	LF	\$	15.00
78	Other Remote Obstruction removal (max. 3 lf)	1	EA	\$	1,500.00
79	Above Ground Physical Inspection	1	LF	\$	5.00
80	Smoke Testing	1	LF	\$	2.00
81	Manhole/Cleanout & Sewer Line Visual Inspection	1	EA	\$	300.00
82	GPS Survey of Manholes & Cleanouts	1	EA	\$	500.00
83	Dyed Water Flooding/Leak Quantification & Evaluation	1	EA	\$	150.00
84	Investigative Float TV - All Sizes	1	LF	\$	15.00
85	Pre-Construction Video/Drone/Photos	1	LF	\$	5.00
86	Float TV	1	LF	\$	8.00
87	Flow Monitoring Meter - Installation	1	EA	\$	1,500.00
88	Flow Monitoring Meter - per meter	1	Day	\$	150.00
89	Rain Gauge - Installation	1	EA	\$	500.00

90	Rain Gauge - per gauge	1	Day	\$	60.00
91	Flow Monitoring - Report	1	EA	\$	5,000.00
SECTION C / D TOTAL:				\$	10,344.00

NO.	ITEM	UOM	QTY	PRICE	
Section E - Bypass for Gravity Pipelines and Associated Items					
92	Bypass System Equip/pipe delivery, tear down, pick up 4"	1	EA	\$ 15,000.00	
93	Bypass System Equip/pipe delivery, tear down, pick up 6"	1	EA	\$ 25,000.00	
94	Bypass System Equip/pipe delivery, tear down, pick up 8"	1	EA	\$ 30,000.00	
95	Bypass System Equip/pipe delivery, tear down, pick up 12"	1	EA	\$ 60,000.00	
96	Set Up 4" Pump (Per Pump)	1	EA	\$ 1,000.00	
97	Set Up 6" Pump (Per Pump)	1	EA	\$ 1,500.00	
98	Set Up 8" Pump (Per Pump)	1	EA	\$ 2,500.00	
99	Set Up 12" Pump (Per Pump)	1	EA	\$ 4,000.00	
100	Set Up 4" Piping	1	LF	\$ 10.00	
101	Set Up 6" Piping	1	LF	\$ 25.00	
102	Set Up 8" Piping	1	LF	\$ 40.00	
103	Set Up 12" Piping	1	LF	\$ 50.00	
104	Set Up 18" Piping	1	LF	\$ 70.00	
105	Set Up >18" up to 30" Piping	1	LF	\$ 125.00	
106	Operate 4" pumping System (Fuel & Maint. Per pump)	1	DAY	\$ 400.00	
107	Operate 6" pumping System (Fuel & Maint. Per pump)	1	DAY	\$ 800.00	
108	Operate 8" pumping System (Fuel & Maint. Per pump)	1	DAY	\$ 1,200.00	
109	Operate 12" pumping System (Fuel & Maint. Per pump)	1	DAY	\$ 1,500.00	
110	Bypass Pump watch labor	1	DAY	\$ 2,750.00	
111	Bypass Line watch labor	1	DAY	\$ 2,350.00	
112	Plug rental 8" - 15"	1	DAY	\$ 350.00	
113	Plug rental 18" - 30"	1	DAY	\$ 750.00	
114	Plug rental >30"	1	DAY	\$ 1,000.00	
115	Bypass - Driveway Ramp (Setup, Operate, Maintain)	1	DAY	\$ 750.00	
116	Bypass - Street Ramp (Setup, Operate, Maintain)	1	DAY	\$ 750.00	
117	Bypass - Street Trenching for 8" Pipe (Setup, Operate, Maintain)	1	LF	\$ 200.00	
118	Bypass - Street Trenching for 12" Pipe (Setup, Operate, Maintain)	1	LF	\$ 250.00	
119	Bypass - Street Trenching for 18" Pipe (Setup, Operate, Maintain)	1	LF	\$ 300.00	
120	Bypass Plan (3rd Party Certified)	1	EA	\$ 3,000.00	
SUM TOTAL SECTION E:				\$	155,670.00

NO.	ITEM	UOM	QTY	PRICE
Section F - Point Repair by Excavation				
121	8" - 12" Point repair (0'-8' deep)	1	EA	\$ 6,500.00
122	8" - 12" Point repair (8'-12' deep)	1	EA	\$ 8,000.00
123	15" - 18" Point repair (0'-8' deep)	1	EA	\$ 9,000.00
124	15" - 18" Point repair (8'-12' deep)	1	EA	\$ 10,000.00
125	21" - 24" Point repair (0'-8' deep)	1	EA	\$ 12,000.00
126	21" - 24" Point repair (8'-12' deep)	1	EA	\$ 15,000.00
127	8" - 12" Point repair extra length	1	LF	\$ 300.00
128	15" - 18" Point repair extra length	1	LF	\$ 400.00
129	21" - 24" Point repair extra length	1	LF	\$ 500.00
130	External reconnect (0'-8' deep)	1	EA	\$ 2,000.00
131	External reconnect (8'-12' deep)	1	EA	\$ 2,500.00
132	Extra length service over 5' long	1	LF	\$ 75.00
133	Access Pit (0'-8' deep)	1	EA	\$ 20,000.00
134	Access Pit (8'-12' deep)	1	EA	\$ 25,000.00
135	Access Pit (>12'-15' deep)	1	EA	\$ 35,000.00
136	Access Pit (>15'-20' deep)	1	EA	\$ 50,000.00
137	Extra Depth Access Pit (>20VF)	1	VF	\$ 5,750.00

138	Potholing for Nearby Utility Location (0'-8' deep up to 4Hr duration)	1	EA	\$	2,000.00
139	Potholing for Nearby Utility Location (8'-12' deep up to 4Hr duration)	1	EA	\$	2,500.00
140	Potholing for Nearby Utility Location (>12' deep up to 4Hr duration)	1	EA	\$	3,500.00
141	Trench safety	1	LF	\$	25.00
142	Modified Trench safety (other than conventional shore boxes)	1	VF	\$	500.00
143	Special shoring - Cofferdam	1	EA	\$	25,000.00
144	Install New 4' DIA manhole 0' - 6' deep	1	EA	\$	10,000.00
145	Extra depth 4' DIA manhole over 6' deep	1	VF	\$	600.00
146	Install New 5' DIA manhole 0' - 6' deep	1	EA	\$	15,000.00
147	Extra depth 5' DIA manhole over 6' deep	1	VF	\$	1,000.00
148	Install New 6' DIA manhole 0' - 6' deep	1	EA	\$	25,000.00
149	Extra depth 6' DIA manhole over 6' deep	1	VF	\$	1,250.00
150	R/R MH cone	1	EA	\$	10,000.00
151	Install WW Access Chamber	1	EA	\$	6,000.00
152	Remove existing MH 0'-6' deep	1	EA	\$	3,000.00
153	Extra depth Remove existing MH >6' deep	1	VF	\$	600.00
154	Reconstruct external MH drop	1	EA	\$	8,500.00
155	Cement stabilized sand	1	Ton	\$	200.00
156	Granular backfill	1	Ton	\$	100.00
157	Flowable Fill	1	CY	\$	250.00
158	Select backfill as designated by Owner	1	Ton	\$	100.00
159	Dewatering setup (well pointing)	1	EA	\$	12,000.00
160	Well point	1	LF	\$	900.00
161	Construction entrance	1	EA	\$	9,000.00
162	Install/Remove crushed rock road w/ filter fabric 15' wide	1	LF	\$	100.00
163	Extra hand excavation	1	CY	\$	100.00
164	4" to 8" Open Cut Replacement (0'-6' deep)	1	LF	\$	250.00
165	10" to 12" Open Cut Replacement (0'-6' deep)	1	LF	\$	300.00
166	15" to 18" Open Cut Replacement (0'-6' deep)	1	LF	\$	400.00
167	21" to 24" Open Cut Replacement (0'-6' deep)	1	LF	\$	500.00
168	Open Cut Extra Depth Add-On	1	LF	\$	250.00
Note: Any pipe excavation above 24" or digging item deeper than 12' is on an individual quote basis.					
SUM TOTAL SECTION F:				\$	340,950.00

NO.	ITEM	UOM	QTY	PRICE
Section G - Sanitary Manhole Replacement				
169	Internal reconnects	1	EA	\$ 350.00
170	Man Entry Internal reconnects	1	EA	\$ 1,000.00
171	Remove and replace cleanout	1	EA	\$ 5,000.00
172	Repair/Rehab 2" Asphalt pavement	1	SY	\$ 250.00
173	Repair/Rehab 8" Flex base	1	SY	\$ 100.00
174	Repair/Rehab 8" Concrete pavement	1	SY	\$ 400.00
175	Repair/Rehab 6" Concrete driveway	1	SF	\$ 70.00
176	Repair/Rehab 4" Concrete sidewalk	1	SF	\$ 45.00
177	Repair/Rehab Concrete curb and gutter	1	LF	\$ 75.00
178	Sod	1	SY	\$ 25.00
179	Hydromulch	1	SY	\$ 10.00
180	Top soil	1	CY	\$ 80.00
181	Grading	1	SY	\$ 100.00
182	Repair/Rehab chain link fence with new	1	LF	\$ 75.00
183	Repair/Rehab wooden fence with new	1	LF	\$ 75.00
184	Traffic control	1	Day	\$ 1,000.00
185	Traffic control - TXDOT or other State governed agency	1	Day	\$ 3,500.00
186	Flagmen	1	HR	\$ 100.00
187	Traffic Guard - Shadow Vehicle	1	Day	\$ 2,000.00
188	Lighted Arrow Board (Per Arrow Board)	1	Day	\$ 2,000.00

189	Traffic Control Plan (3rd Party Certified)	1	EA	\$	3,000.00
190	Crane w/ Operator	1	Day	\$	5,000.00
SUM TOTAL SECTION G:				\$	22,530.00

NO.	ITEM	UOM	QTY	PRICE
Section H - HDPE Tight Fitting Liner (IPS diameters)				
191	2" x DR 32.5 Installation of pipe	1	LF	\$ 15.00
192	4" x DR 32.5 Installation of pipe	1	LF	\$ 25.00
193	6" x DR 32.5 Installation of pipe	1	LF	\$ 45.00
194	8" x DR 32.5 Installation of pipe	1	LF	\$ 60.00
195	10" x DR 32.5 Installation of pipe	1	LF	\$ 80.00
196	12" x DR 32.5 Installation of pipe	1	LF	\$ 90.00
197	15" x DR 32.5 Installation of pipe	1	LF	\$ 120.00
198	18" x DR 32.5 Installation of pipe	1	LF	\$ 145.00
199	21" x DR 32.5 Installation of pipe	1	LF	\$ 165.00
200	24" x DR 32.5 Installation of pipe	1	LF	\$ 180.00
201	27" x DR 32.5 Installation of pipe	1	LF	\$ 200.00
202	30" x DR 32.5 Installation of pipe	1	LF	\$ 215.00
203	33" x DR 32.5 Installation of pipe	1	LF	\$ 230.00
204	36" x DR 32.5 Installation of pipe	1	LF	\$ 250.00
205	42" x DR 32.5 Installation of pipe	1	LF	\$ 300.00
206	48" x DR 32.5 Installation of pipe	1	LF	\$ 340.00
207	2" to 4" DR standard drop increment (wall increase) PE80 grade	1	LF	\$ 1.75
208	2" to 4" DR standard drop increment (wall increase) PE100 grade	1	LF	\$ 1.75
209	5" to 8" DR standard drop increment (wall increase) PE80 grade	1	LF	\$ 2.50
210	5" to 8" DR standard drop increment (wall increase) PE100 grade	1	LF	\$ 2.50
211	10" & 12" DR standard drop increment (wall increase) PE80 grade	1	LF	\$ 3.50
212	10" & 12" DR standard drop increment (wall increase) PE100 grade	1	LF	\$ 3.50
213	13" to 16" DR standard drop increment (wall increase) PE80 grade	1	LF	\$ 5.00
214	13" to 16" DR standard drop increment (wall increase) PE100 grade	1	LF	\$ 5.00
215	18" to 20" DR standard drop increment (wall increase) PE80 grade	1	LF	\$ 7.00
216	18" to 20" DR standard drop increment (wall increase) PE100 grade	1	LF	\$ 7.00
217	21" to 24" DR standard drop increment (wall increase) PE80 grade	1	LF	\$ 10.00
218	21" to 24" DR standard drop increment (wall increase) PE100 grade	1	LF	\$ 10.00
219	26" to 30" DR standard drop increment (wall increase) PE80 grade	1	LF	\$ 17.00
220	26" to 30" DR standard drop increment (wall increase) PE100 grade	1	LF	\$ 17.00
221	32" to 36" DR standard drop increment (wall increase) PE80 grade	1	LF	\$ 25.00
222	32" to 36" DR standard drop increment (wall increase) PE100 grade	1	LF	\$ 25.00
223	42" to 48" DR standard drop increment (wall increase) PE80 grade	1	LF	\$ 50.00
224	42" to 48" DR standard drop increment (wall increase) PE100 grade	1	LF	\$ 50.00
225	2" to 4" Polyethylene flange	1	EA	\$ 135.00
226	5" to 8" Polyethylene flange	1	EA	\$ 270.00
227	10" & 12" Polyethylene flange	1	EA	\$ 420.00
228	13" to 16" Polyethylene flange	1	EA	\$ 600.00
229	18" to 20" Polyethylene flange	1	EA	\$ 750.00
230	21" to 24" Polyethylene flange	1	EA	\$ 920.00
231	26" to 30" Polyethylene flange	1	EA	\$ 1,250.00
232	32" to 36" Polyethylene flange	1	EA	\$ 1,850.00
233	42" to 48" Polyethylene flange	1	EA	\$ 2,500.00
234	2" to 12" Tite Liner set-up charge Per Install Length	1	LF	\$ 25.00
235	13" to 24" Tite Liner set-up charge Per Install Length	1	LF	\$ 40.00
236	26" to 48" Tite Liner set-up charge Per Install Length	1	LF	\$ 65.00

SUM TOTAL SECTION H: \$ 11,528.50

NO.	ITEM	UOM	QTY	PRICE
Section I - Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers				
237	30" Basic Repair	1	LF	\$ 6,150.00
238	30" Additional GFRP Layer	1	LF	\$ 225.00
239	30" Additional CFRP Layer	1	LF	\$ 260.00
240	36" Basic Repair	1	LF	\$ 6,400.00
241	36" Additional GFRP Layer	1	LF	\$ 265.00
242	36" Additional CFRP Layer	1	LF	\$ 380.00
243	42" Basic Repair	1	LF	\$ 6,850.00
244	42" Additional GFRP Layer	1	LF	\$ 300.00
245	42" Additional CFRP Layer	1	LF	\$ 500.00
246	48" Basic Repair	1	LF	\$ 7,100.00
247	48" Additional GFRP Layer	1	LF	\$ 340.00
248	48" Additional CFRP Layer	1	LF	\$ 540.00
249	54" Basic Repair	1	LF	\$ 7,500.00
250	54" Additional GFRP Layer	1	LF	\$ 710.00
251	54" Additional CFRP Layer	1	LF	\$ 910.00
252	60" Basic Repair	1	LF	\$ 8,000.00
253	60" Additional GFRP Layer	1	LF	\$ 740.00
254	60" Additional CFRP Layer	1	LF	\$ 1,000.00
255	66" Basic Repair	1	LF	\$ 8,250.00
256	66" Additional GFRP Layer	1	LF	\$ 765.00
257	66" Additional CFRP Layer	1	LF	\$ 1,100.00

258	72" Basic Repair	1	LF	\$	8,500.00
259	72" Additional GFRP Layer	1	LF	\$	800.00
260	72" Additional CFRP Layer	1	LF	\$	1,150.00
261	84" Basic Repair	1	LF	\$	9,400.00
262	84" Additional GFRP Layer	1	LF	\$	880.00
263	84" Additional CFRP Layer	1	LF	\$	1,250.00
264	96" Basic Repair	1	LF	\$	9,950.00
265	96" Additional GFRP Layer	1	LF	\$	975.00
266	96" Additional CFRP Layer	1	LF	\$	1,330.00
Note: Any FRP pipe repair above 96" is on an individual quote basis					
SUM TOTAL SECTION I:				\$	92,520.00

NO.	ITEM	UOM	QTY	PRICE
Section J - CIPP Pressure Pipe Lining For Potable and Non-Potable Pressure Pipe				
Potable Pressure Pipelines				
267	6" Installation of Pressure Pipe Lining	1	LF	\$ 200.00
268	8" Installation of Pressure Pipe Lining	1	LF	\$ 225.00
269	10" Installation of Pressure Pipe Lining	1	LF	\$ 250.00
270	12" Installation of Pressure Pipe Lining	1	LF	\$ 300.00
271	15" Installation of Pressure Pipe Lining	1	LF	\$ 400.00
272	18" Installation of Pressure Pipe Lining	1	LF	\$ 450.00
273	21" Installation of Pressure Pipe Lining	1	LF	\$ 500.00
274	24" Installation of Pressure Pipe Lining	1	LF	\$ 575.00
275	27" Installation of Pressure Pipe Lining	1	LF	\$ 675.00
276	30" Installation of Pressure Pipe Lining	1	LF	\$ 700.00
277	36" Installation of Pressure Pipe Lining	1	LF	\$ 850.00
Non-Potable Pressure Pipelines				
278	6" Reinforced Pressure Pipe Lining	1	LF	\$ 200.00
279	8" Reinforced Pressure Pipe Lining	1	LF	\$ 225.00
280	10" Reinforced Pressure Pipe Lining	1	LF	\$ 250.00
281	12" Reinforced Pressure Pipe Lining	1	LF	\$ 300.00
282	15" Reinforced Pressure Pipe Lining	1	LF	\$ 400.00
283	18" Reinforced Pressure Pipe Lining	1	LF	\$ 450.00
284	21" Reinforced Pressure Pipe Lining	1	LF	\$ 500.00
285	24" Reinforced Pressure Pipe Lining	1	LF	\$ 575.00
286	27" Reinforced Pressure Pipe Lining	1	LF	\$ 675.00
287	30" Reinforced Pressure Pipe Lining	1	LF	\$ 700.00
288	36" Reinforced Pressure Pipe Lining	1	LF	\$ 850.00
289	6" Installation of End Seal	1	EA	\$ 3,000.00
290	8" Installation of End Seal	1	EA	\$ 4,500.00
291	10" Installation of End Seal	1	EA	\$ 5,000.00
292	12" Installation of End Seal	1	EA	\$ 6,000.00
293	15" Installation of End Seal	1	EA	\$ 8,000.00
294	18" Installation of End Seal	1	EA	\$ 8,500.00
295	21" Installation of End Seal	1	EA	\$ 9,000.00
296	24" Installation of End Seal	1	EA	\$ 9,500.00
297	27" Installation of End Seal	1	EA	\$ 10,000.00

298	30" Installation of End Seal	1	EA	\$	10,500.00
299	36" Installation of End Seal	1	EA	\$	11,000.00
300	6" to 12" System set-up charge Per Install Length	1	LF	\$	25.00
301	15" to 24" System set-up charge Per Install Length	1	LF	\$	40.00
302	24" to 30" System set-up charge Per Install Length	1	LF	\$	60.00
303	Internal Reconnect for CIPP Pressure Pipe	1	EA	\$	1,000.00
304	6" to 12" Install Spool Piece for Pressure Pipe	1	EA	\$	10,000.00
305	15" to 21" Install Spool Piece for Pressure Pipe	1	EA	\$	15,000.00
306	24" to 30" Install Spool Piece for Pressure Pipe	1	EA	\$	20,000.00
307	36" Install Spool Piece for Pressure Pipe (up to 20LF)	1	EA	\$	30,000.00
Note: Any pressure pipe lining above 36" is on an individual quote basis.					
SUM TOTAL SECTION J:				\$	171,375.00

NO.	ITEM	UOM	QTY	PRICE
Section K - Pressure Pipeline Bypass				
308	Set up bypass of mainlines sizes 2"- 4" AWWA approved bypass	1	LF	\$ 40.00
309	Connection of each service from 2"- 4" AWWA approved bypass	1	EA	\$ 450.00
310	Operation of 2"- 4" AWWA approved bypass	1	Day	\$ 500.00

311	Set up bypass of mainlines sizes 6"- 8" AWWA approved bypass	1	LF	\$	50.00
312	Connection of each service from 6"- 8" AWWA approved bypass	1	EA	\$	500.00
313	Operation of 6"- 8" AWWA approved bypass	1	Day	\$	750.00
314	Set up bypass of mainlines sizes 10"- 12" AWWA approved bypass	1	LF	\$	60.00
315	Connection of each service from 10"- 12" AWWA approved bypass	1	EA	\$	500.00
316	Operation of 10"- 12" AWWA approved bypass	1	Day	\$	1,250.00
317	Set up bypass of mainlines sizes 13"- 19" AWWA approved bypass	1	LF	\$	150.00
318	Connection of each service from 13"- 19" AWWA approved bypass	1	EA	\$	500.00
319	Operation of 13"- 19" AWWA approved bypass	1	Day	\$	2,000.00
320	Set up bypass of mainlines sizes 20"- 24" AWWA approved bypass	1	EA	\$	200.00
321	Connection of each service from 20"- 24" AWWA approved bypass	1	EA	\$	700.00
322	Operation of 20"- 24" AWWA approved bypass	1	Day	\$	2,000.00
SUM TOTAL SECTION K:				\$	9,650.00

NO.	ITEM	UOM	QTY	PRICE
Section L - Line Cleaning and Inspection for Pressure Pipelines & Mechanical Cleaning				
323	6" Cleaning with pressure propelled pigs	1	LF	\$ 15.00
324	8" Cleaning with pressure propelled pigs	1	LF	\$ 15.00
325	10" Cleaning with pressure propelled pigs	1	LF	\$ 15.00
326	12" Cleaning with pressure propelled pigs	1	LF	\$ 15.00
327	15" Cleaning with pressure propelled pigs	1	LF	\$ 20.00
328	18" Cleaning with pressure propelled pigs	1	LF	\$ 20.00
329	21" Cleaning with pressure propelled pigs	1	LF	\$ 20.00
330	24" Cleaning with pressure propelled pigs	1	LF	\$ 25.00
331	30" Cleaning with pressure propelled pigs	1	LF	\$ 30.00
332	36" Cleaning with pressure propelled pigs	1	LF	\$ 35.00
333	6" Set up, Install and Remove Pig Launcher	1	EA	\$ 7,500.00
334	8" Set up, Install and Remove Pig Launcher	1	EA	\$ 7,500.00
335	10" Set up, Install and Remove Pig Launcher	1	EA	\$ 7,500.00
336	12" Set up, Install and Remove Pig Launcher	1	EA	\$ 7,500.00
337	15" Set up, Install and Remove Pig Launcher	1	EA	\$ 15,000.00
338	18" Set up, Install and Remove Pig Launcher	1	EA	\$ 15,000.00
339	21" Set up, Install and Remove Pig Launcher	1	EA	\$ 20,000.00
340	24" Set up, Install and Remove Pig Launcher	1	EA	\$ 20,000.00
341	30" Set up, Install and Remove Pig Launcher	1	EA	\$ 20,000.00
342	36" Set up, Install and Remove Pig Launcher	1	EA	\$ 30,000.00
343	6" Cleaning with scrapers or other attached tools	1	LF	\$ 25.00
344	8" Cleaning with scrapers or other attached tools	1	LF	\$ 25.00
345	10" Cleaning with scrapers or other attached tools	1	LF	\$ 25.00
346	12" Cleaning with scrapers or other attached tools	1	LF	\$ 25.00
347	15" Cleaning with scrapers or other attached tools	1	LF	\$ 30.00
348	18" Cleaning with scrapers or other attached tools	1	LF	\$ 30.00
349	21" Cleaning with scrapers or other attached tools	1	LF	\$ 30.00

350	24" Cleaning with scrapers or other attached tools	1	LF	\$	35.00
351	30" Cleaning with scrapers or other attached tools	1	LF	\$	40.00
352	36" Cleaning with scrapers or other attached tools	1	LF	\$	50.00
353	6" Pressure pipe inspection	1	LF	\$	5.00
354	8" Pressure pipe inspection	1	LF	\$	5.00
355	10" Pressure pipe inspection	1	LF	\$	6.00
356	12" Pressure pipe inspection	1	LF	\$	6.00
357	15" Pressure pipe inspection	1	LF	\$	6.00
358	18" Pressure pipe inspection	1	LF	\$	8.00
359	21" Pressure pipe inspection	1	LF	\$	8.00
360	24" Pressure pipe inspection	1	LF	\$	8.00
361	30" Pressure pipe inspection	1	LF	\$	10.00
362	36" Pressure pipe inspection	1	LF	\$	12.00
363	Tuberculation Removal (Pressure & Gravity Pipelines)	1	IN/DIA/LF	\$	5.00
Note: Any line cleaning and inspection of pressure pipe over 36" is on an individual quote basis.					
SUM TOTAL SECTION L:					\$ 150,604.00

NO.	ITEM	UOM	QTY	PRICE	
Section M - Gravity Sewer Lateral Renewal Systems					
364	4"-6" Internal installation and cure of "T" shaped structure (from main <12" dia)	1	EA	\$ 6,000.00	
365	4"-6" Internal installation and cure of top hat shaped structure (from main <12" dia)	1	EA	\$ 3,500.00	
366	4"-6" Installation and cure of structural lateral liner from main <12" dia.	1	LF	\$ 425.00	
367	4"-6" Installation and cure of structural lateral liner from surface clean out to main	1	LF	\$ 425.00	
368	4"-6" Set-up for installations of <20 each total	1	EA	\$ 850.00	
369	4"-6" Set-up for installations of 20-50 each total	1	EA	\$ 750.00	
370	4"-6" Set-up for installations of 50-100 each total	1	EA	\$ 300.00	
371	4"-6" Set-up for installations of 100-150 each total (>150 no set-up will apply)	1	EA	\$ 100.00	
SUM TOTAL SECTION M:					\$ 12,350.00

NO.	ITEM	UOM	QTY	PRICE
Section N - Manhole, Access Portals and Wet Well Renewal Systems				
372	All Sizes Installation and cure of manhole lining structure depth <10 vf	1	SQFT	\$ 125.00
373	All Sizes Installation and cure of manhole lining structure depth +10 vf <20 vf	1	SQFT	\$ 75.00
374	All Sizes Installation and cure of manhole lining structure depth +20 vf <40 vf	1	SQFT	\$ 75.00

375	All Sizes Set-up for install and cure of manhole lining structure <1000 sq ft	1	SQFT	\$	10.00
376	All Sizes Installation of Manhole Chimney Seal	1	EA	\$	1,500.00
377	New manhole frame and cover	1	EA	\$	1,500.00
378	Premium manhole frame and cover (i.e. CertainTeed PAM locking units etc.)	1	EA	\$	2,000.00
379	Adjust manhole frame and cover	1	EA	\$	1,500.00
380	Manhole Rehabilitation - cementitious	1	SQFT	\$	30.00
381	Manhole Rehabilitation - epoxy	1	SQFT	\$	40.00
382	Manhole, Pipe or Other Structures - Spray Rehabilitation	1	SQFT	\$	125.00
383	Manhole Rehabilitation - modified polymer	1	SQFT	\$	50.00
384	Manhole Bench Rehabilitation - cementitious	1	SQFT	\$	35.00
385	Manhole Bench Rehabilitation - epoxy/modified polymer	1	SQFT	\$	50.00
386	Manhole Bench Rebuild	1	EA	\$	1,500.00
387	Mechanical Repairs (per person)	1	HR	\$	250.00
388	Injection grouting in MH	1	Gal	\$	400.00
389	Void filling with cementitious material	1	CF	\$	150.00
390	Setup for void filling	1	EA	\$	7,500.00
391	Access beyond 100' from road	1	EA	\$	5,000.00
392	Vacuum test MH	1	EA	\$	1,000.00
SUM TOTAL SECTION N:				\$	22,915.00

NO.	ITEM	UOM	QTY	PRICE
Section O - All Other Underground Construction Items and Supplemental Items for This Contract				
395	Internal Point Repair CIPP 6"-8" (Up to 8 LF)	1	EA	\$ 7,000.00
396	Internal Point Repair CIPP 10"-12" (Up to 8 LF)	1	EA	\$ 8,000.00
397	Internal Point Repair CIPP 15"-18" (Up to 8 LF)	1	EA	\$ 10,000.00
398	Internal Point Repair CIPP 21"-24" (Up to 8 LF)	1	EA	\$ 13,000.00
399	Internal Point Repair CIPP 27"-33" (Up to 8 LF)	1	EA	\$ 15,000.00
400	Internal Point Repair CIPP 36"- 42" (Up to 8 LF)	1	EA	\$ 25,000.00
401	Internal Point Repair Mechanical 6"-8" (Up to 6 LF)	1	EA	\$ 3,000.00
402	Internal Point Repair Mechanical 10"-12" (Up to 6 LF)	1	EA	\$ 5,000.00
403	Internal Point Repair Mechanical 15"-18" (Up to 6 LF)	1	EA	\$ 7,500.00
404	Internal Point Repair Mechanical 21"-24" (Up to 6 LF)	1	EA	\$ 10,000.00
405	Internal Point Repair Mechanical 27"-33" (Up to 6 LF)	1	EA	\$ 15,000.00
406	Internal Point Repair Mechanical 36"- 42" (Up to 6 LF)	1	EA	\$ 25,000.00
407	Internal Point Repair Mechanical or Other Method up to 108" Nominal Diameter (Up to 6 LF)	1	EA	\$ 40,000.00
408	Large Diameter Invert Repair Interior (Flow Fill or Other Material)	1	CF	\$ 150.00
409	Void Filling Exterior of Pipe or Structure (Flow Fill or Other Material)	1	CF	\$ 175.00
410	Pipe or Other Confined Space Man Entry Safety System	1	DAY	\$ 1,500.00
411	Confined Space Man Entry Safety Plan (3rd Party Certified)	1	EA	\$ 5,000.00
SUM TOTAL SECTION O:				\$ 190,325.00

NO.	ITEM	UOM	QTY	PRICE
Section P - Fusible PVC Installation by HDD or Other Means				
412	2"-4" Installation of pipe clay ground conditions (pipe cost excluded)	1	IN/DIA/LF	\$ 35.00
413	2"-4" Installation of pipe loose sand ground conditions (pipe cost excluded)	1	IN/DIA/LF	\$ 35.00
414	2"-4" Installation of pipe rock ground conditions<3000 psi (pipe cost excluded)	1	IN/DIA/LF	\$ 55.00
415	2"-4" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded)	1	IN/DIA/LF	\$ 55.00
416	2"-4" Installation of pipe ground conditions per 1000 psi increase over 8000 psi	1	IN/DIA/LF	\$ 8.00
417	6"-8" Installation of pipe clay ground conditions (pipe cost excluded)	1	IN/DIA/LF	\$ 35.00
418	6"-8" Installation of pipe loose sand ground conditions (pipe cost excluded)	1	IN/DIA/LF	\$ 35.00

419	6"-8" Installation of pipe rock ground conditions<3000 psi (pipe cost excluded)	1	IN/DIA/LF	\$	55.00
420	6"-8" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded)	1	IN/DIA/LF	\$	55.00
421	6"-8" Installation of pipe ground conditions per 1000 psi increase over 8000 psi	1	IN/DIA/LF	\$	10.00
422	10"-12" Installation of pipe clay ground conditions (pipe cost excluded)	1	IN/DIA/LF	\$	40.00
423	10"-12" Installation of pipe loose sand ground conditions (pipe cost excluded)	1	IN/DIA/LF	\$	40.00
424	10"-12" Installation of pipe rock ground conditions<3000 psi (pipe cost excluded)	1	IN/DIA/LF	\$	65.00
425	10"-12" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded)	1	IN/DIA/LF	\$	65.00
426	10"-12" Installation of pipe ground conditions per 1000 psi increase over 8000 psi	1	IN/DIA/LF	\$	12.00
427	14"-18" Installation of pipe clay ground conditions (pipe cost excluded)	1	IN/DIA/LF	\$	45.00
428	14"-18" Installation of pipe loose sand ground conditions (pipe cost excluded)	1	IN/DIA/LF	\$	45.00
429	14"-18" Installation of pipe rock ground conditions<3000 psi (pipe cost excluded)	1	IN/DIA/LF	\$	65.00
430	14"-18" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded)	1	IN/DIA/LF	\$	65.00
431	14"-18" Installation of pipe ground conditions per 1000 psi increase over 8000 psi	1	IN/DIA/LF	\$	15.00
432	20"- 24" Installation of pipe clay ground conditions (pipe cost excluded)	1	IN/DIA/LF	\$	45.00
433	20"- 24" Installation of pipe loose sand ground conditions (pipe cost excluded)	1	IN/DIA/LF	\$	45.00
434	20"- 24" Installation of pipe rock ground conditions<3000 psi (pipe cost excluded)	1	IN/DIA/LF	\$	65.00
435	20"- 24" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded)	1	IN/DIA/LF	\$	65.00
436	20"- 24" Installation of pipe ground conditions per 1000 psi increase over 8000 psi	1	IN/DIA/LF	\$	18.00
437	27"- 36" Installation of pipe clay ground conditions (pipe cost excluded)	1	IN/DIA/LF	\$	45.00
438	27"- 36" Installation of pipe loose sand ground conditions (pipe cost excluded)	1	IN/DIA/LF	\$	45.00
439	27"- 36" Installation of pipe rock ground conditions<3000 psi (pipe cost excluded)	1	IN/DIA/LF	\$	65.00
440	27"- 36" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded)	1	IN/DIA/LF	\$	65.00
441	27"- 36" Installation of pipe ground conditions per 1000 psi increase over 8000 psi	1	IN/DIA/LF	\$	25.00
442	Short Length Setup < 100 LF	1	IN/DIA/LF	\$	25.00
443	All Sizes Increase for extraordinary drilling conditions (may be applied to each dia.)	1	IN/DIA/LF	\$	25.00
444	4" DR 14 DIPS Fusible PVC®	1	LF	\$	17.00
445	4" DR 18 DIPS Fusible PVC®	1	LF	\$	13.00
446	6" DR 14 DIPS Fusible PVC®	1	LF	\$	33.00
447	6" DR 18 DIPS Fusible PVC®	1	LF	\$	26.00
448	6" DR 25 DIPS Fusible PVC®	1	LF	\$	19.00
449	8" DR 14 DIPS Fusible PVC®	1	LF	\$	56.00
450	8" DR 18 DIPS Fusible PVC®	1	LF	\$	44.00
451	8" DR 25 DIPS Fusible PVC®	1	LF	\$	33.00
452	10" DR 14 DIPS Fusible PVC®	1	LF	\$	85.00
453	10" DR 18 DIPS Fusible PVC®	1	LF	\$	67.00
454	10" DR 25 DIPS Fusible PVC®	1	LF	\$	49.00
455	12" DR 14 DIPS Fusible PVC®	1	LF	\$	118.00
456	12" DR 18 DIPS Fusible PVC®	1	LF	\$	94.00
457	12" DR 25 DIPS Fusible PVC®	1	LF	\$	70.00

458	14" DR 14 DIPS Fusible PVC®	1	LF	\$	160.00
459	14" DR 18 DIPS Fusible PVC®	1	LF	\$	125.00
460	14" DR 21 DIPS Fusible PVC®	1	LF	\$	110.00
461	14" DR 25 DIPS Fusible PVC®	1	LF	\$	93.00
462	16" DR 14 DIPS Fusible PVC®	1	LF	\$	208.00
463	16" DR 18 DIPS Fusible PVC®	1	LF	\$	163.00
464	16" DR 21 DIPS Fusible PVC®	1	LF	\$	140.00
465	16" DR 25 DIPS Fusible PVC®	1	LF	\$	120.00
466	18" DR 18 DIPS Fusible PVC®	1	LF	\$	205.00
467	18" DR 21 DIPS Fusible PVC®	1	LF	\$	176.00
468	18" DR 25 DIPS Fusible PVC®	1	LF	\$	150.00
469	20" DR 14 DIPS Fusible PVC®	1	LF	\$	315.00
470	20" DR 18 DIPS Fusible PVC®	1	LF	\$	250.00
471	20" DR 21 DIPS Fusible PVC®	1	LF	\$	220.00
472	20" DR 25 DIPS Fusible PVC®	1	LF	\$	184.00
473	24" DR 18 DIPS Fusible PVC®	1	LF	\$	356.00
474	24" DR 21 DIPS Fusible PVC®	1	LF	\$	308.00
475	24" DR 25 DIPS Fusible PVC®	1	LF	\$	265.00
476	24" DR 32.5 DIPS Fusible PVC®	1	LF	\$	230.00
477	30" DR 21 DIPS Fusible PVC®	1	LF	\$	475.00
478	30" DR 25 DIPS Fusible PVC®	1	LF	\$	400.00
479	30" DR 32.5 DIPS Fusible PVC®	1	LF	\$	350.00
480	36" DR 21 DIPS Fusible PVC®	1	LF	\$	680.00
481	36" DR 25 DIPS Fusible PVC®	1	LF	\$	575.00
482	36" DR 32.5 DIPS Fusible PVC®	1	LF	\$	500.00
483	Freight for Fusible PVC®	1	Per Truck	\$	6,250.00
484	Mobilization/Demobilization for Fusible PVC®	1	Per Event	\$	11,000.00
485	Fusion Services for 4"-12" Fusible PVC®	1	Day	\$	3,500.00
486	Fusion Services for 14"-16" Fusible PVC®	1	Day	\$	3,800.00
487	Fusion Services for 18"- 24" Fusible PVC®	1	Day	\$	4,500.00

488	Fusion Services for 30"- 36" Fusible PVC®	1	Day	\$	6,300.00
489	Pressure testing	1	IN/DIA/LF	\$	5.00
490	Install Fire Hydrant	1	EA	\$	10,000.00
491	Ductile Iron Fittings, Restraints, Hardware	1	LB	\$	25.00
492	3-Way Fire Hydrant Assembly	1	EA	\$	6,500.00
493	Salvage Existing Fire Hydrant	1	EA	\$	1,000.00
494	12 Ga. Tracer Wire	1	LF	\$	8.00
495	Connect to Existing Water Meter(include new angle valve)	1	EA	\$	1,500.00
496	Furnish & Install New Water Meter & Box	1	EA	\$	2,500.00
497	Remove Existing Valve & Box	1	EA	\$	300.00
498	Resilient Seat Gate Valve & Box	1	EA	\$	2,500.00
499	1-Inch HDPE Potable Water Service Line (Short Service) including new angle stop	1	LF	\$	50.00
500	1-Inch HDPE Potable Water Service Line (Long Service) including new angle stop	1	LF	\$	50.00
SUM TOTAL SECTION P:				\$	68,638.00

NO.	ITEM	UOM	QTY	PRICE
Section Q - Right-of-Way Maintenance				
501	ROW Clearing - (typical up to 20 feet wide)	1	LF	\$ 75.00
502	ROW Maintenance - (typical up to 20 feet wide)	1	LF	\$ 25.00
503	Tree removal and disposal 1" - 6"	1	EA	\$ 1,000.00
504	Tree removal and disposal 6" - 12"	1	EA	\$ 2,500.00
505	Install 14' Gate	1	EA	\$ 7,500.00
506	Technical Field Support	1	HR	\$ 150.00
SUM TOTAL SECTION Q:				\$ 11,250.00

NO.	ITEM	UOM	QTY	PRICE
Section R - Crew Travel & Mobilization				
507	Travel and Mobilization	1	EA	\$ 15,000.00
508	Travel and Mobilization	1	EA	\$ 30,000.00
SUM TOTAL SECTION R:				\$ 45,000.00

NO.	ITEM	UOM	QTY	PRICE
Section S - Geopolymer Storm Pipe & Culvert Lining				
509	30" Storm Pipe - Minimum 1.0"	1	LF	\$ 290.00
510	36" Storm Pipe - Minimum 1.0"	1	LF	\$ 350.00
511	42" Storm Pipe - Minimum 1.0"	1	LF	\$ 400.00
512	48" Storm Pipe - Minimum 1.0"	1	LF	\$ 465.00
513	54" Storm Pipe - Minimum 1.5"	1	LF	\$ 590.00
514	60" Storm Pipe - Minimum 1.5"	1	LF	\$ 650.00
515	66" Storm Pipe - Minimum 1.5"	1	LF	\$ 720.00
516	72" Storm Pipe - Minimum 1.5"	1	LF	\$ 780.00
517	78" Storm Pipe - Minimum 1.5"	1	LF	\$ 840.00
518	84" Storm Pipe - Minimum 1.5"	1	LF	\$ 900.00
519	90" Storm Pipe - Minimum 1.5"	1	LF	\$ 950.00
520	96" Storm Pipe - Minimum 1.5"	1	LF	\$ 1,000.00
521	Short length setup add-on	1	IN/DIA/LF	\$ 20.00
522	Additional 1.0" thickness	1	SF	\$ 65.00
523	#3 Steel Rebar on 18" Centers for 30" Pipe	1	LF	\$ 90.00
524	#3 Steel Rebar on 18" Centers for 36" Pipe	1	LF	\$ 100.00
525	#3 Steel Rebar on 18" Centers for 42" Pipe	1	LF	\$ 105.00
526	#3 Steel Rebar on 18" Centers for 48" Pipe	1	LF	\$ 115.00
527	#3 Steel Rebar on 18" Centers for 54" Pipe	1	LF	\$ 125.00
528	#3 Steel Rebar on 18" Centers for 60" Pipe	1	LF	\$ 135.00
529	#3 Steel Rebar on 18" Centers for 66" Pipe	1	LF	\$ 140.00
530	#3 Steel Rebar on 18" Centers for 72" Pipe	1	LF	\$ 150.00
531	#3 Steel Rebar on 18" Centers for 78" Pipe	1	LF	\$ 155.00
532	#3 Steel Rebar on 18" Centers for 84" Pipe	1	LF	\$ 165.00
533	#3 Steel Rebar on 18" Centers for 90" Pipe	1	LF	\$ 170.00

534	#3 Steel Rebar on 18" Centers for 96" Pipe	1	LF	\$	180.00
535	Invert Repair	1	LF	\$	250.00
536	Hydraulic Jacking of CMP	1	LF	\$	135.00
537	6" Thickness Concrete Flatwork	1	SF	\$	50.00
538	Rip Rap Supply and Install	1	CF	\$	165.00
539	Void Grouting with Cementitious Grout	1	CF	\$	140.00
SUM TOTAL SECTION S:				\$	10,390.00

Attachment "A" RS Means Current Edition Facilities Construction Cost Data Book, latest edition. Stated Discount or Coefficient from "Total incl O&P" COLUMN				
			Multiplier	1.50
Attachment "B" RS Means Current Edition Heavy Construction Cost Data Book, latest edition. Stated Discount or Coefficient from "Total incl O&P" COLUMN				
			Multiplier	1.50

BID FORM SIGNATURE PAGE

The Contractor agrees to provide the service, and/or supplies as described in this solicitation and subject, without limitation, to all specifications, terms, and conditions herein contained. Bidder shall acknowledge receipt of each addendum issued in the space provided on the bid form.

Insituform Technologies, LLC

X 


(Signature and Title)
Patrizia Sordillo, Contracting & Attesting Officer



CORPORATE SEAL
(if available)

BID MUST BE SIGNED AND NOTARIZED (WITH SEAL) FOR CONSIDERATION

Subscribed and sworn to before me this 28th day of November AD, 2023

 My Commission Expires: July 8, 2024
(Notary Public)

DIANE PARTRIDGE
Notary Public - Notary Seal
STATE OF MISSOURI
St. Louis County
My Commission Expires: July 8, 2024
Commission # 12595471

SEAL



**DUPAGE
COUNTY**

FINANCE DEPARTMENT

630-407-6100

www.dupagecounty.gov/finance

CONTRACT AMENDMENT

DuPage County - Procurement Services Division

Contract Number: 23-065-PW

Contract Amendment No. 1

Effective June 25, 2024

This Contract is Amended as Follows:

Contract Number: 23-065-PW

Trenchless Rehabilitation and Maintenance of Pipeline Infrastructure

- 1) The addition of the following specifications/scope(s) of work by Insituform Technologies, LLC, for: Epoxy Lining of Water Mains, Cement Lining of Water Mains, Close Tolerance Pipe Slurrification, and Flexible Fabric Reinforced Pipe, as set forth in Exhibits A, B, C, D, and E (Pricing), attached hereto.

All other provisions of the contract not expressly changed herein shall remain the same in their entirety.

The parties represent and warrant to each other that each party has full power, authority and legal right to execute, deliver and perform this Amendment and the execution, delivery & performance hereof have been duly authorized by all necessary actions.

IN WITNESS, WHEREOF the undersigned duly authorized representative of the parties has executed this Amendment as of the date below written.

THE COUNTY OF DUPAGE, ILLINOIS

INSITUFORM TECHNOLOGIES, LLC.

By: 
SIGNATURE

By: 
SIGNATURE

Deborah A. Conroy
PRINTED NAME

Patrizia H. Sordillo
PRINTED NAME

DuPage County Chair
PRINTED TITLE

Contracting & Attesting Officer
PRINTED TITLE

7-17-2024
DATE

July 9, 2024
DATE

EXHIBIT E - Cement Mortar Lining for Potable Water

Section A1 - Cement Mortar Lining (CML) For Potable Pipe		Quantity	Unit	Unit Price	Extension
A1.1	4" Installation of Cement Mortar Lining	1	LF	\$ 44.00	\$44.00
A1.2	6" Installation of Cement Mortar Lining	1	LF	\$ 44.00	\$44.00
A1.3	8" Installation of Cement Mortar Lining	1	LF	\$ 48.00	\$48.00
A1.4	10" Installation of Cement Mortar Lining	1	LF	\$ 50.00	\$50.00
A1.5	12" Installation of Cement Mortar Lining	1	LF	\$ 50.00	\$50.00
A1.6	14" Installation of Cement Mortar Lining	1	LF	\$ 52.00	\$52.00
A1.7	16" Installation of Cement Mortar Lining	1	LF	\$ 56.00	\$56.00
A1.8	20" Installation of Cement Mortar Lining	1	LF	\$ 60.00	\$60.00
A1.9	24" Installation of Cement Mortar Lining	1	LF	\$ 64.00	\$64.00
A1.10	30" Installation of Cement Mortar Lining	1	LF	\$ 68.00	\$68.00
A1.11	36" Installation of Cement Mortar Lining	1	LF	\$ 73.00	\$73.00
Note: Any CML over 36" will be on an individual quote basis.					
A1.12	4" - 8" CML Setup Charge Per Install Length	1	LF	\$ 15.00	\$15.00
A1.13	10" - 16" CML Setup Charge Per Install Length	1	LF	\$ 25.00	\$25.00
A1.14	20" - 30" CML Setup Charge Per Install Length	1	LF	\$ 35.00	\$35.00
A1.15	36" or Larger CML Setup Charge Per Install Length	1	LF	\$ 50.00	\$50.00
A1.16	4" - 10" Backyard Easement Setup Per Install Length	1	LF	\$ 3.00	\$3.00
A1.17	12" - 16" Backyard Easement Setup Per Install Length	1	LF	\$ 5.00	\$5.00
A1.18	CML Short Length Add-On(<200LF)	1	IN/DIA/FT	\$ 20.00	\$20.00

SUM TOTAL SECTION: \$762.00

Epoxy Lining for Potable Water

Section A2 - Epoxy Lining (EL) For Potable Pipe		Quantity	Unit	Unit Price	Extension
A2.1	6" Installation of Epoxy Lining	1	LF	\$ 62.00	\$62.00
A2.2	8" Installation of Epoxy Lining	1	LF	\$ 64.00	\$64.00
A2.3	10" Installation of Epoxy Lining	1	LF	\$ 70.00	\$70.00
A2.4	12" Installation of Epoxy Lining	1	LF	\$ 73.00	\$73.00
A2.5	14" Installation of Epoxy Lining	1	LF	\$ 75.00	\$75.00
A2.6	16" Installation of Epoxy Lining	1	LF	\$ 78.00	\$78.00
A2.7	20" Installation of Epoxy Lining	1	LF	\$ 80.00	\$80.00
A2.8	24" Installation of Epoxy Lining	1	LF	\$ 83.00	\$83.00

Note: Any EL over 24" will be on an individual quote basis.

A2.9	4" - 8" Epoxy Lining Setup Charge Per Install Length	1	LF	\$ 15.00	\$15.00
A2.10	10" - 16" Epoxy Lining Setup Charge Per Install Length	1	LF	\$ 25.00	\$25.00
A2.11	20" - 30" Epoxy Lining Setup Charge Per Install Length	1	LF	\$ 35.00	\$35.00
A2.12	36" or Larger Epoxy Lining Setup Charge Per Install Length	1	LF	\$ 50.00	\$50.00
A2.13	4" - 10" Backyard Easement Setup Per Install Length	1	LF	\$ 3.00	\$3.00
A2.14	12" - 16" Backyard Easement Setup Per Install Length	1	LF	\$ 5.00	\$5.00
A2.15	Epoxy Lining Short Length Add-On(<200LF)	1	IN/DIA/FT	\$ 20.00	\$20.00

SUM TOTAL SECTION: \$738.00

Valves for Potable Water

Section A3 - Installation of Gate Valve		<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Extension</u>
A3.1	6" Gate Valve Installation	1	EA	\$ 2,900.00	\$2,900.00
A3.2	8" Gate Valve Installation	1	EA	\$ 3,200.00	\$3,200.00
A3.3	10" Gate Valve Installation	1	EA	\$ 4,000.00	\$4,000.00
A3.4	12" Gate Valve Installation	1	EA	\$ 5,200.00	\$5,200.00
A3.5	14" Gate Valve Installation	1	EA	\$ 14,300.00	\$14,300.00
A3.6	16" Gate Valve Installation	1	EA	\$ 14,400.00	\$14,400.00
A3.7	20" Gate Valve Installation	1	EA	\$ 29,800.00	\$29,800.00
A3.8	24" Gate Valve Installation	1	EA	\$ 34,800.00	\$34,800.00

Note: Any Gate Valve Installation over 24" will be on an individual quote basis.

SUM TOTAL SECTION: \$108,600.00

Close Tolerance Pipe Slurrification

Section A4 - Bypass for Sewer Pipelines and Associated Items		Quantity	Unit	Unit Price	Extension
A4.1	Bypass System Equip/pipe delivery, tear down, pick up 4"	1	EA	\$ 20,000.00	\$20,000.00
A4.2	Bypass System Equip/pipe delivery, tear down, pick up 6"	1	EA	\$ 25,000.00	\$25,000.00
A4.3	Bypass System Equip/pipe delivery, tear down, pick up 8"	1	EA	\$ 30,000.00	\$30,000.00
A4.4	Bypass System Equip/pipe delivery, tear down, pick up 12"	1	EA	\$ 60,000.00	\$60,000.00
A4.5	Bypass System Piping & Equipment	1	Week	\$ 40,000.00	\$40,000.00
A4.6	Set Up 4" Pump (Per Pump)	1	EA	\$ 2,000.00	\$2,000.00
A4.7	Set Up 6" Pump (Per Pump)	1	EA	\$ 3,000.00	\$3,000.00
A4.8	Set Up 8" Pump (Per Pump)	1	EA	\$ 4,000.00	\$4,000.00
A4.9	Set Up 12" Pump (Per Pump)	1	EA	\$ 5,000.00	\$5,000.00
A4.10	Set Up 4" Piping	1	LF	\$ 10.00	\$10.00
A4.11	Set Up 6" Piping	1	LF	\$ 25.00	\$25.00
A4.12	Set Up 8" Piping	1	LF	\$ 40.00	\$40.00
A4.13	Set Up 12" Piping	1	LF	\$ 50.00	\$50.00
A4.14	Set Up 18" Piping	1	LF	\$ 70.00	\$70.00
A4.15	Set Up >18" up to 30" Piping	1	LF	\$ 125.00	\$125.00
A4.16	Operate 4" pumping System (Fuel & Maint. Per pump)	1	DAY	\$ 1,000.00	\$1,000.00
A4.17	Operate 6" pumping System (Fuel & Maint. Per pump)	1	DAY	\$ 1,200.00	\$1,200.00
A4.18	Operate 8" pumping System (Fuel & Maint. Per pump)	1	DAY	\$ 1,500.00	\$1,500.00
A4.19	Operate 12" pumping System (Fuel & Maint. Per pump)	1	DAY	\$ 2,750.00	\$2,750.00
A4.20	Bypass Pump watch labor	1	DAY	\$ 3,000.00	\$3,000.00
A4.21	Bypass Line watch labor	1	DAY	\$ 3,000.00	\$3,000.00
A4.22	Plug rental 8" - 15"	1	DAY	\$ 500.00	\$500.00
A4.23	Plug rental 18" - 30"	1	DAY	\$ 1,000.00	\$1,000.00
A4.24	Plug rental >30"	1	DAY	\$ 1,500.00	\$1,500.00
A4.25	Bypass - Driveway Ramp (Setup, Operate, Maintain)	1	DAY	\$ 1,000.00	\$1,000.00
A4.26	Bypass - Street Ramp (Setup, Operate, Maintain)	1	DAY	\$ 1,000.00	\$1,000.00
A4.27	Bypass - Street Trenching for 8" Pipe (Setup, Operate, Maintain)	1	LF	\$ 500.00	\$500.00
A4.28	Bypass - Street Trenching for 12" Pipe (Setup, Operate, Maintain)	1	LF	\$ 550.00	\$550.00
A4.29	Bypass - Street Trenching for 18" Pipe (Setup, Operate, Maintain)	1	LF	\$ 600.00	\$600.00
A4.30	Bypass Plan (3rd Party Certified)	1	EA	\$ 5,000.00	\$5,000.00

SUM TOTAL SECTION: \$213,420.00

Section A5 - Excavation		Quantity	Unit	Unit Price	Extension
A5.1	8" - 12" Point repair (0'- 8' deep)	1	EA	\$ 8,000.00	\$8,000.00
A5.2	8" - 12" Point repair (8'- 12' deep)	1	EA	\$ 10,000.00	\$10,000.00
A5.3	15" - 18" Point repair (0'-8' deep)	1	EA	\$ 10,000.00	\$10,000.00
A5.4	15" - 18" Point repair (8'-12' deep)	1	EA	\$ 12,000.00	\$12,000.00
A5.5	21" - 24" Point repair (0'-8' deep)	1	EA	\$ 20,000.00	\$20,000.00
A5.6	21" - 24" Point repair (8'-12' deep)	1	EA	\$ 25,000.00	\$25,000.00
A5.7	8" - 12" Point repair extra length	1	LF	\$ 300.00	\$300.00
A5.8	15" - 18" Point repair extra length	1	LF	\$ 400.00	\$400.00
A5.9	21" - 24" Point repair extra length	1	LF	\$ 500.00	\$500.00
A5.10	External reconnect (0'- 8' deep)	1	EA	\$ 3,000.00	\$3,000.00
A5.11	External reconnect (8'- 12' deep)	1	EA	\$ 3,500.00	\$3,500.00
A5.12	Extra length service over 5' long	1	LF	\$ 100.00	\$100.00
A5.13	Access Pit (0'-8' deep)	1	EA	\$ 5,000.00	\$5,000.00
A5.14	Access Pit (8'-12' deep)	1	EA	\$ 7,500.00	\$7,500.00
A5.15	Access Pit (>12'-15' deep)	1	EA	\$ 25,000.00	\$25,000.00
A5.16	Access Pit (>15'-20' deep)	1	EA	\$ 40,000.00	\$40,000.00
A5.17	Extra Depth Access Pit (>20VF)	1	VF	\$ 5,750.00	\$5,750.00
A5.18	Potholing for Nearby Utility Location (0'-8' deep up to 4Hr duration)	1	EA	\$ 5,000.00	\$5,000.00
A5.19	Potholing for Nearby Utility Location (8'-12' deep up to 4Hr duration)	1	EA	\$ 6,000.00	\$6,000.00
A5.20	Potholing for Nearby Utility Location (>12' deep up to 4Hr duration)	1	EA	\$ 70,000.00	\$70,000.00
A5.21	Trench safety	1	LF	\$ 25.00	\$25.00
A5.22	Modified Trench safety (other than conventional shore boxes)	1	VF	\$ 500.00	\$500.00
A5.23	Special shoring - Cofferdam	1	EA	\$ 25,000.00	\$25,000.00
A5.24	Cement stabilized sand	1	Ton	\$ 200.00	\$200.00
A5.25	Granular backfill	1	Ton	\$ 100.00	\$100.00
A5.26	Flowable Fill	1	CY	\$ 400.00	\$400.00
A5.27	Select backfill as designated by Owner	1	Ton	\$ 100.00	\$100.00
A5.28	Dewatering setup (well pointing)	1	EA	\$ 12,000.00	\$12,000.00
A5.29	Well point	1	LF	\$ 900.00	\$900.00
A5.30	Construction entrance	1	EA	\$ 9,000.00	\$9,000.00
A5.31	Install/Remove crushed rock road w/ filter fabric 15' wide	1	LF	\$ 150.00	\$150.00
A5.32	Access Matting Deliver	1	Load	\$ 5,000.00	\$5,000.00
A5.33	Access Matting (per mat) Install/Pickup	1	EA	\$ 150.00	\$150.00
A5.34	Access Matting (per mat)	1	Day	\$ 50.00	\$50.00
A5.35	Extra hand excavation	1	CY	\$ 1,000.00	\$1,000.00
A5.36	4" to 8" Open Cut Replacement (0'-6' deep)	1	LF	\$ 300.00	\$300.00

A5.37	10" to 12" Open Cut Replacement (0'-6' deep)	1	LF	\$ 400.00	\$400.00
A5.38	15" to 18" Open Cut Replacement (0'-6' deep)	1	LF	\$ 500.00	\$500.00
A5.39	21" to 24" Open Cut Replacement (0'-6' deep)	1	LF	\$ 600.00	\$600.00
A5.40	Open Cut Extra Depth Add-On	1	LF	\$ 300.00	\$300.00
A5.41	Silt Fence	1	LF	\$ 15.00	\$15.00

Note: Any pipe excavation above 24" or digging item deeper than 12' is on an individual quote basis.

SUM TOTAL SECTION: \$313,740.00

Section A6 - Additional Associated Items

		Quantity	Unit	Unit Price	Extension
A6.1	Repair/Rehab 2" Asphalt pavement	1	SY	\$ 250.00	\$250.00
A6.2	Repair/Rehab 6-8" Asphalt pavement	1	SY	\$ 250.00	\$250.00
A6.3	Saw Cutting	1	LF	\$ 30.00	\$30.00
A6.4	Repair/Rehab 8" Concrete pavement	1	SY	\$ 300.00	\$300.00
A6.5	Repair/Rehab 6" Concrete driveway	1	SF	\$ 140.00	\$140.00
A6.6	Repair/Rehab 4" Concrete sidewalk	1	SF	\$ 130.00	\$130.00
A6.7	Repair/Rehab Concrete curb and gutter	1	LF	\$ 100.00	\$100.00
A6.8	ADA Ramp	1	EA	\$ 10,000.00	\$10,000.00
A6.9	Sod	1	SY	\$ 25.00	\$25.00
A6.10	Hydromulch	1	SY	\$ 20.00	\$20.00
A6.11	Top soil	1	CY	\$ 300.00	\$300.00
A6.12	Grading	1	SY	\$ 150.00	\$150.00
A6.13	Repair/Rehab chain link fence with new	1	LF	\$ 100.00	\$100.00
A6.14	Repair/Rehab wooden fence with new	1	LF	\$ 100.00	\$100.00
A6.15	Traffic Control - Residential	1	Day	\$ 3,000.00	\$3,000.00
A6.16	Traffic Control - Lane Closure	1	Day	\$ 3,500.00	\$3,500.00
A6.17	Traffic Control - DOT or other governed agency	1	Day	\$ 4,000.00	\$4,000.00
A6.18	Flagmen	1	HR	\$ 100.00	\$100.00
A6.19	Traffic Guard - Shadow Vehicle	1	Day	\$ 2,500.00	\$2,500.00
A6.20	Lighted Arrow Board (Per Arrow Board)	1	Day	\$ 2,000.00	\$2,000.00
A6.21	Traffic Control Plan (3rd Party Certified)	1	EA	\$ 5,000.00	\$5,000.00

SUM TOTAL SECTION: \$31,995.00

Section A7 - Pressure Pipeline Bypass

		Quantity	Unit	Unit Price	Extension
A7.1	Set-up bypass of mainlines with 2"-4" AWWA approved bypass	1	LF	\$ 50.00	\$50.00
A7.2	Connection of each service from 2"-4" AWWA approved bypass	1	EA	\$ 1,000.00	\$1,000.00
A7.3	Operation of 2"-4" AWWA approved bypass	1	Day	\$ 1,000.00	\$1,000.00
A7.4	Set-up bypass of mainlines with 6"-8" AWWA approved bypass	1	LF	\$ 100.00	\$100.00
A7.5	Connection of each service from 6"-8" AWWA approved bypass	1	EA	\$ 1,500.00	\$1,500.00
A7.6	Operation of 6"-8" AWWA approved bypass	1	Day	\$ 1,500.00	\$1,500.00
A7.7	Set-up bypass of mainlines with 10"-12" AWWA approved bypass	1	LF	\$ 100.00	\$100.00
A7.8	Connection of each service from 10"-12" AWWA approved bypass	1	EA	\$ 2,000.00	\$2,000.00
A7.9	Operation of 10"-12" AWWA approved bypass	1	Day	\$ 2,000.00	\$2,000.00

SUM TOTAL SECTION: \$9,250.00

Section A8 - Fusible PVC Installation by Close Tolerance Pipe Slurrification (CTPS)

A8.1	Short Length Setup < 100 LF	1	IN/DIA/LF	\$ 100.00	\$100.00
A8.2	4" DR 14 DIPS Fusible PVC*	1	LF	\$ 150.00	\$150.00
A8.3	4" DR 18 DIPS Fusible PVC*	1	LF	\$ 140.00	\$140.00
A8.4	6" DR 14 DIPS Fusible PVC*	1	LF	\$ 160.00	\$160.00
A8.5	6" DR 18 DIPS Fusible PVC*	1	LF	\$ 150.00	\$150.00
A8.6	6" DR 25 DIPS Fusible PVC*	1	LF	\$ 145.00	\$145.00
A8.7	8" DR 14 DIPS Fusible PVC*	1	LF	\$ 170.00	\$170.00
A8.8	8" DR 18 DIPS Fusible PVC*	1	LF	\$ 160.00	\$160.00
A8.9	8" DR 25 DIPS Fusible PVC*	1	LF	\$ 150.00	\$150.00
A8.10	10" DR 14 DIPS Fusible PVC*	1	LF	\$ 180.00	\$180.00
A8.11	10" DR 18 DIPS Fusible PVC*	1	LF	\$ 170.00	\$170.00
A8.12	10" DR 25 DIPS Fusible PVC*	1	LF	\$ 150.00	\$150.00
A8.13	12" DR 14 DIPS Fusible PVC*	1	LF	\$ 190.00	\$190.00
A8.14	12" DR 18 DIPS Fusible PVC*	1	LF	\$ 180.00	\$180.00
A8.15	12" DR 25 DIPS Fusible PVC*	1	LF	\$ 170.00	\$170.00
A8.16	14" DR 14 DIPS Fusible PVC*	1	LF	\$ 200.00	\$200.00
A8.17	14" DR 18 DIPS Fusible PVC*	1	LF	\$ 190.00	\$190.00
A8.18	14" DR 21 DIPS Fusible PVC*	1	LF	\$ 180.00	\$180.00
A8.19	14" DR 25 DIPS Fusible PVC*	1	LF	\$ 170.00	\$170.00
A8.20	16" DR 14 DIPS Fusible PVC*	1	LF	\$ 210.00	\$210.00
A8.21	16" DR 18 DIPS Fusible PVC*	1	LF	\$ 200.00	\$200.00
A8.22	16" DR 21 DIPS Fusible PVC*	1	LF	\$ 190.00	\$190.00
A8.23	16" DR 25 DIPS Fusible PVC*	1	LF	\$ 180.00	\$180.00
A8.24	18" DR 18 DIPS Fusible PVC*	1	LF	\$ 300.00	\$300.00

Flexible Fabric Reinforced Pipe (FFRP) Lining for Pressurized Pipelines

Section A5 - Flexible Fabric Reinforced Pipe (FFRP) Lining

	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Extension</u>
A5.1 6" Installation of FFRP Lining	1	LF	\$ 300.00	\$300.00
A5.2 8" Installation of FFRP Lining	1	LF	\$ 325.00	\$325.00
A5.3 10" Installation of FFRP Lining	1	LF	\$ 350.00	\$350.00
A5.4 12" Installation of FFRP Lining	1	LF	\$ 450.00	\$450.00
A5.5 14"-16" Installation of FFRP Lining	1	LF	\$ 525.00	\$525.00
A5.6 18" Installation of FFRP Lining	1	LF	\$ 550.00	\$550.00
A5.7 20" Installation of FFRP Lining	1	LF	\$ 600.00	\$600.00
A5.8 6" Installation of End Seal / Fitting	1	EA	\$ 3,000.00	\$3,000.00
A5.9 8" Installation of End Seal / Fitting	1	EA	\$ 4,500.00	\$4,500.00
A5.10 10" Installation of End Seal / Fitting	1	EA	\$ 5,000.00	\$5,000.00
A5.11 12" Installation of End Seal / Fitting	1	EA	\$ 6,000.00	\$6,000.00
A5.12 14"-16" Installation of End Seal / Fitting	1	EA	\$ 8,250.00	\$8,250.00
A5.13 18" Installation of End Seal / Fitting	1	EA	\$ 8,500.00	\$8,500.00
A5.14 20" Installation of End Seal / Fitting	1	EA	\$ 9,000.00	\$9,000.00
A5.15 6" to 12" System set-up charge Per Install Length	1	LF	\$ 25.00	\$25.00
A5.16 12" to 20" System set-up charge Per Install Length	1	LF	\$ 40.00	\$40.00
A5.17 Short Length Add-On (<300 LF)	1	IN/DIA/FT	\$ 50.00	\$50.00
A5.18 Internal Reconnect for CIPP Pressure Pipe	1	EA	\$ 1,000.00	\$1,000.00
A5.19 6" to 12" Install Spool Piece for Pressure Pipe	1	EA	\$ 10,000.00	\$10,000.00
A5.20 12" to 20" Install Spool Piece for Pressure Pipe	1	EA	\$ 15,000.00	\$15,000.00
A5.21 Concrete or Other Blocking	1	EA	\$ 1,500.00	\$1,500.00
A5.22 Pressure Testing	1	EA	\$ 10,000.00	\$10,000.00
A5.23 Mega-Lug Kit	1	EA	\$ 1,000.00	\$1,000.00
A5.24 Uni Flange (including assessor and gasket)	1	EA	\$ 1,500.00	\$1,500.00
A5.27 Installation Winch	1	DAY	\$ 2,000.00	\$2,000.00

Note: Any lining above 20" is on an individual quote basis.

SUM TOTAL SECTION A5: \$89,465.00

A8.25	18" DR 21 DIPS Fusible PVC*	1	LF	\$ 290.00	\$290.00
A8.26	18" DR 25 DIPS Fusible PVC*	1	LF	\$ 280.00	\$280.00
A8.27	20" DR 14 DIPS Fusible PVC*	1	LF	\$ 400.00	\$400.00
A8.28	20" DR 18 DIPS Fusible PVC*	1	LF	\$ 390.00	\$390.00
A8.29	20" DR 21 DIPS Fusible PVC*	1	LF	\$ 380.00	\$380.00
A8.30	20" DR 25 DIPS Fusible PVC*	1	LF	\$ 370.00	\$370.00
A8.31	24" DR 18 DIPS Fusible PVC*	1	LF	\$ 500.00	\$500.00
A8.32	24" DR 21 DIPS Fusible PVC*	1	LF	\$ 490.00	\$490.00
A8.33	24" DR 25 DIPS Fusible PVC*	1	LF	\$ 480.00	\$480.00
A8.34	Freight for Fusible PVC*	1	Per Truck	\$ 6,250.00	\$6,250.00
A8.35	Mobilization/Demobilization for CTPS	1	Per Event	\$ 30,000.00	\$30,000.00
A8.36	Fusion Services for 4"-12" Fusible PVC*	1	Day	\$ 6,000.00	\$6,000.00
A8.37	Fusion Services for 14"-16" Fusible PVC*	1	Day	\$ 7,000.00	\$7,000.00
A8.38	Fusion Services for 18"- 24" Fusible PVC*	1	Day	\$ 8,000.00	\$8,000.00
A8.39	Fusion Services for 30"- 36" Fusible PVC*	1	Day	\$ 10,000.00	\$10,000.00
A8.40	Pressure testing	1	IN/DIA/LF	\$ 10.00	\$10.00
A8.41	Install Fire Hydrant	1	EA	\$ 10,000.00	\$10,000.00
A8.42	Ductile Iron Fittings, Restraints, Hardware	1	LB	\$ 50.00	\$50.00
A8.43	3-Way Fire Hydrant Assembly	1	EA	\$ 6,500.00	\$6,500.00
A8.44	Salvage Existing Fire Hydrant	1	EA	\$ 1,000.00	\$1,000.00
A8.45	12 Ga. Tracer Wire	1	LF	\$ 10.00	\$10.00
A8.46	Connect to Existing Water Meter(include new angle valve)	1	EA	\$ 1,500.00	\$1,500.00
A8.47	Furnish & Install New Water Meter & Box	1	EA	\$ 2,500.00	\$2,500.00
A8.48	Remove Existing Valve & Box	1	EA	\$ 2,500.00	\$2,500.00
A8.49	Install 4" Gate Valve	1	EA	\$ 4,000.00	\$4,000.00
A8.50	Install 6" Gate Valve	2	EA	\$ 6,000.00	\$6,000.00
A8.51	Install 8" Gate Valve	3	EA	\$ 8,000.00	\$8,000.00
A8.52	Install 10" Gate Valve	4	EA	\$ 10,000.00	\$10,000.00
A8.53	Install 12" Gate Valve	5	EA	\$ 12,000.00	\$12,000.00
A8.54	Reconnect Services to Main	6	EA	\$ 5,000.00	\$5,000.00
A8.55	Remove Asbestos Containing Material - Slurry/Soil	1	CY	\$ 750.00	\$750.00
A8.56	Remove Asbestos Containing Material - Pipe	1	TN	\$ 750.00	\$750.00
A8.57	1-Inch HDPE Potable Water Service Line (Long Service) including new angle stop	1	LF	\$ 200.00	\$200.00
A8.58	1-Inch HDPE Potable Water Service Line (Long Service) including new angle stop	1	LF	\$ 200.00	\$200.00

SUM TOTAL SECTION: \$145,985.00

Section A9 - Right-of-Way Maintenance

A9.1	ROW Clearing - (typical up to 20 feet wide)	1	LF	\$ 75.00	\$75.00
A9.2	ROW Maintenance - (typical up to 20 feet wide)	1	LF	\$ 25.00	\$25.00
A9.3	Tree removal and disposal 1" - 6"	1	EA	\$ 3,000.00	\$3,000.00
A9.4	Tree removal and disposal 6" - 12"	1	EA	\$ 5,000.00	\$5,000.00
A9.5	Install 14' Gate	1	EA	\$ 7,500.00	\$7,500.00
A9.6	Technical Field Support	1	HR	\$ 150.00	\$150.00

SUM TOTAL SECTION: \$15,750.00