

PCA R3 RFP 3-206-18							
Trenchless Technology Rehabilitation and Related Items & Services							
Vendor: Murphy Pipeline Contractors							
		QTY	Unit	Unit Price	Extension	Coefficient	Revised Unit Price
A) Cured-in-place pipe (CIPP) reconstruction of gravity sewers							
1	6" x 4.5mm	1	LF	\$40.50	\$40.50	0.94	\$ 38.07
2	8" x 4.5mm	1	LF	\$31.00	\$31.00	0.94	\$ 29.14
3	10" x 6.0mm	1	LF	\$41.50	\$41.50	0.94	\$ 39.01
4	12" x 6.0mm	1	LF	\$57.50	\$57.50	0.94	\$ 54.05
5	15" x 7.5mm	1	LF	\$66.00	\$66.00	0.94	\$ 62.04
6	18" x 9.0mm	1	LF	\$81.50	\$81.50	0.94	\$ 76.61
7	21" x 9.0mm	1	LF	\$109.50	\$109.50	0.94	\$ 102.93
8	24" x 10.5mm	1	LF	\$131.50	\$131.50	0.94	\$ 123.61
9	27" x 10.5mm	1	LF	\$155.00	\$155.00	0.94	\$ 145.70
10	30" x 12.0mm	1	LF	\$182.50	\$182.50	0.94	\$ 171.55
11	33" x 12.0mm	1	LF	\$204.00	\$204.00	0.94	\$ 191.76
12	36" x 12.0mm	1	LF	\$244.00	\$244.00	0.94	\$ 229.36
13	42" x 13.5mm	1	LF	\$285.00	\$285.00	0.94	\$ 267.90
14	48" x 15.0mm	1	LF	\$408.00	\$408.00	0.94	\$ 383.52
15	54" x 18.0mm	1	LF	\$538.00	\$538.00	0.94	\$ 505.72
16	6" & 8" Additional 1.5mm	1	LF	\$1.00	\$1.00	0.94	\$ 0.94
17	10" & 12" Additional 1.5mm	1	LF	\$2.00	\$2.00	0.94	\$ 1.88
18	15" & 18" Additional 1.5mm	1	LF	\$10.00	\$10.00	0.94	\$ 9.40
19	21" & 24" Additional 1.5mm	1	LF	\$15.00	\$15.00	0.94	\$ 14.10
20	27" Additional 1.5mm	1	LF	\$25.00	\$25.00	0.94	\$ 23.50
21	30" Additional 1.5mm	1	LF	\$25.00	\$25.00	0.94	\$ 23.50
22	33" Additional 1.5mm	1	LF	\$30.00	\$30.00	0.94	\$ 28.20
23	36" Additional 1.5mm	1	LF	\$30.00	\$30.00	0.94	\$ 28.20
24	42" Additional 1.5mm	1	LF	\$40.00	\$40.00	0.94	\$ 37.60
25	48" Additional 1.5mm	1	LF	\$50.00	\$50.00	0.94	\$ 47.00
26	54" Additional 1.5mm	1	LF	\$60.00	\$60.00	0.94	\$ 56.40
27	6" - 10" Backyard Easement Setup Per Install Length	1	LF	\$4.00	\$4.00	0.94	\$ 3.76
28	12" - 18" Backyard Easement Setup Per Install Length	1	LF	\$10.00	\$10.00	0.94	\$ 9.40
29	Timber Matting for Large Diameter Setup	1	SY	\$20.00	\$20.00	0.94	\$ 18.80
30	Internal Reconnection of service connection by robotic cutter	1	EA	\$235.00	\$235.00	0.94	\$ 220.90
Note: Any CIPP over 54" will be on an individual quote basis.							
Clean/TV & Evaluation for Gravity Sewers							
31	6" - 12" Clean & TV sewer	1	LF	\$5.50	\$5.50	0.94	\$ 5.17
32	15" - 21" Clean & TV sewer	1	LF	\$11.00	\$11.00	0.94	\$ 10.34
33	24" - 33" Clean & TV sewer	1	LF	\$19.50	\$19.50	0.94	\$ 18.33
34	36" & 42" Clean & TV sewer	1	LF	\$30.00	\$30.00	0.94	\$ 28.20
35	48" & 54" Clean & TV sewer	1	LF	\$50.00	\$50.00	0.94	\$ 47.00
36	6" - 15" Post TV Inspection after Rehabilitation	1	LF	\$2.50	\$2.50	0.94	\$ 2.35
37	18" - 27" Post TV Inspection after Rehabilitation	1	LF	\$4.00	\$4.00	0.94	\$ 3.76
38	30" or Larger Post TV Inspection after Rehabilitation	1	LF	\$5.50	\$5.50	0.94	\$ 5.17
39	Re-setup for clean & TV Inspection Due to Point Repairs	1	EA	\$150.00	\$150.00	0.94	\$ 141.00
40	Root Removal	1	LF	\$3.00	\$3.00	0.94	\$ 2.82
41	Grease Removal	1	LF	\$3.00	\$3.00	0.94	\$ 2.82
42	Other Remote Obstruction Removal (max. 10 LF)	1	EA	\$1,350.00	\$1,350.00	0.94	\$ 1,269.00
43	Above Ground Physical Inspection	1	LF	\$4.00	\$4.00	0.94	\$ 3.76
Bypass for sewers and associated items							
44	Set Up 4" Pump (Per Pump)	1	EA	\$450.00	\$450.00	0.94	\$ 423.00
45	Set Up 6" Pump (Per Pump)	1	EA	\$1,050.00	\$1,050.00	0.94	\$ 987.00
46	Set Up 8" Pump (Per Pump)	1	EA	\$1,500.00	\$1,500.00	0.94	\$ 1,410.00
47	Set Up 12" Pump (Per Pump)	1	EA	\$2,650.00	\$2,650.00	0.94	\$ 2,491.00
48	Set Up 4" Piping	1	LF	\$37.50	\$37.50	0.94	\$ 35.25
49	Set Up 6" Piping	1	LF	\$46.50	\$46.50	0.94	\$ 43.71
50	Set Up 8" Piping	1	LF	\$80.00	\$80.00	0.94	\$ 75.20
51	Set up 12" Piping	1	LF	\$110.00	\$110.00	0.94	\$ 103.40
52	Set up 18" Piping	1	LF	\$135.00	\$135.00	0.94	\$ 126.90
53	Operate 4" Pumping System	1	DAY	\$94.00	\$94.00	0.94	\$ 88.36
PCA R3 Price List 3-206-18							
		QTY	Unit	Unit Price	Extension	Coefficient	Revised Unit Price
54	Operate 6" Pumping System	1	DAY	\$710.00	\$710.00	0.94	\$ 667.40
55	Operate 8" Pumping System	1	DAY	\$1,135.00	\$1,135.00	0.94	\$ 1,066.90
56	Operate 12" Pumping System	1	DAY	\$1,825.00	\$1,825.00	0.94	\$ 1,715.50
57	Bypass - Driveway Ramp (Setup, Operate, Maintain)	1	EA	\$460.00	\$460.00	0.94	\$ 432.40
58	Bypass - Street Ramp (Setup, Operate, Maintain)	1	EA	\$460.00	\$460.00	0.94	\$ 432.40
59	Bypass - Street Trenching for 8" Pipe (Setup, Operate, Maintain)	1	LF	\$67.50	\$67.50	0.94	\$ 63.45
60	Bypass - Street Trenching for 12" Pipe (Setup, Operate, Maintain)	1	LF	\$90.00	\$90.00	0.94	\$ 84.60
61	Bypass - Street Trenching for 18" Pipe (Setup, Operate, Maintain)	1	LF	\$112.50	\$112.50	0.94	\$ 105.75
62	Bypass Plan (3rd Party Certified)	1	EA	\$2,150.00	\$2,150.00	0.94	\$ 2,021.00
CIPP reconstruction of water mains							

63	6" diameter liner	1	LF	\$80.00	\$80.00	0.94	\$ 75.20
64	8" diameter liner	1	LF	\$91.00	\$91.00	0.94	\$ 85.54
65	10" diameter liner	1	LF	\$110.00	\$110.00	0.94	\$ 103.40
66	12" diameter liner	1	LF	\$120.00	\$120.00	0.94	\$ 112.80
67	Re-opening of service connections internally	1	EA	\$350.00	\$350.00	0.94	\$ 329.00
The following items apply as applicable to sections B thru O and as needed in section A items 1-67:							
68	Mobilization	1	Day	\$200.00	\$200.00	0.94	\$ 188.00
69	Pre-Construction Video	1	LF	\$4.00	\$4.00	0.94	\$ 3.76
	a) Survey/As-builts	1	LF	\$1.65	\$1.65	0.94	\$ 1.55
70	Erosion Control	1	LF	\$5.00	\$5.00	0.94	\$ 4.70
71	MOT						
	a) Signage	1	Day	\$250.00	\$250.00	0.94	\$ 235.00
	b) Flagmen	1	HR	\$45.00	\$45.00	0.94	\$ 42.30
72	Excavation/Backfill						
	a) 0-4 feet deep	1	Cuft	\$2.00	\$2.00	0.94	\$ 1.88
	b) 4-6 feet deep	1	Cuft	\$3.00	\$3.00	0.94	\$ 2.82
	c) 6-10 feet deep	1	Cuft	\$4.00	\$4.00	0.94	\$ 3.76
	d) Dewatering to include wellpoint system or drawdown pump per pit	1	Day	\$155.00	\$155.00	0.94	\$ 145.70
73	Trench Shoring						
	a) 4-6 feet deep	1	F Trench	\$25.00	\$25.00	0.94	\$ 23.50
	b) 6-10 feet deep	1	LF Trench	\$35.00	\$35.00	0.94	\$ 32.90
74	Surface Restoration						
	a) Sod	1	SF	\$2.00	\$2.00	0.94	\$ 1.88
	b) 4-inch concrete	1	SF	\$8.50	\$8.50	0.94	\$ 7.99
	c) 6-inch concrete	1	SF	\$10.50	\$10.50	0.94	\$ 9.87
	d) 2-inch asphalt	1	SF	\$5.00	\$5.00	0.94	\$ 4.70
	e) 3-inch asphalt	1	SF	\$7.00	\$7.00	0.94	\$ 6.58
	f) Curb	1	LF	\$35.00	\$35.00	0.94	\$ 32.90
75	Material extras						
	a) Lime Rock	1	SY	\$50.00	\$50.00	0.94	\$ 47.00
	b) 57/Washed Stone	1	SY	\$50.00	\$50.00	0.94	\$ 47.00
	c) Imported Sand	1	SY	\$40.00	\$40.00	0.94	\$ 37.60
	d) Gravel	1	SY	\$45.00	\$45.00	0.94	\$ 42.30
	e) Geo Grid	1	SY	\$7.75	\$7.75	0.94	\$ 7.29
B) Pipe Bursting with HDPE for Gravity Sewer Lines							
	HDPE DR 17						
76	6-inch diameter	1	LF	\$35.00	\$35.00	0.94	\$ 32.90
77	8-inch diameter	1	LF	\$40.00	\$40.00	0.94	\$ 37.60
78	10-inch diameter	1	LF	\$45.00	\$45.00	0.94	\$ 42.30
79	12-inch diameter	1	LF	\$50.00	\$50.00	0.94	\$ 47.00
80	14-inch diameter	1	LF	\$72.00	\$72.00	0.94	\$ 67.68
81	16-inch diameter	1	LF	\$92.00	\$92.00	0.94	\$ 86.48
82	18-inch diameter	1	LF	\$114.00	\$114.00	0.94	\$ 107.16
83	20-inch diameter	1	LF	\$137.00	\$137.00	0.94	\$ 128.78
	Manhole Connections						
84	6-inch	1	EA	\$150.00	\$150.00	0.94	\$ 141.00
PCA R3 Price List 3-206-18							
		QTY	Unit	Unit Price	Extension	Coefficient	Revised Unit
85	8-inch	1	EA	\$200.00	\$200.00	0.94	\$ 188.00
86	10-inch	1	EA	\$250.00	\$250.00	0.94	\$ 235.00
87	12-inch	1	EA	\$300.00	\$300.00	0.94	\$ 282.00
88	14-inch	1	EA	\$350.00	\$350.00	0.94	\$ 329.00
89	16-inch	1	EA	\$400.00	\$400.00	0.94	\$ 376.00
90	18-inch	1	EA	\$450.00	\$450.00	0.94	\$ 423.00
91	20-inch	1	EA	\$500.00	\$500.00	0.94	\$ 470.00
	Sewer Later Connections						
92	4-inch connection						
	a) 0-4 feet deep	1	EA	\$950.00	\$950.00	0.94	\$ 893.00
	b) 4-6 feet deep	1	EA	\$1,500.00	\$1,500.00	0.94	\$ 1,410.00
	c) 6-10 feet deep	1	EA	\$2,500.00	\$2,500.00	0.94	\$ 2,350.00
93	6-inch connection						
	a) 0-4 feet deep	1	EA	\$1,200.00	\$1,200.00	0.94	\$ 1,128.00
	b) 4-6 feet deep	1	EA	\$1,900.00	\$1,900.00	0.94	\$ 1,786.00
	c) 6-10 feet deep	1	EA	\$2,900.00	\$2,900.00	0.94	\$ 2,726.00
	Clean-out Installation						
94	4-inch	1	EA	\$375.00	\$375.00	0.94	\$ 352.50
95	6-inch	1	EA	\$475.00	\$475.00	0.94	\$ 446.50
	Sewer Lateral Pipe Bursting						
96	4-inch	1	LF	\$31.00	\$31.00	0.94	\$ 29.14
97	6-inch	1	LF	\$35.00	\$35.00	0.94	\$ 32.90

C) Pipe Bursting with Pre-Chlorination for Water Main Replacement Procedure							
	HDPE DR 11						
98	3-inch diameter	1	LF	\$27.00	\$27.00	0.94	\$ 25.38
99	4-inch diameter	1	LF	\$31.00	\$31.00	0.94	\$ 29.14
100	6-inch diameter	1	LF	\$40.00	\$40.00	0.94	\$ 37.60
101	8-inch diameter	1	LF	\$45.00	\$45.00	0.94	\$ 42.30
102	10-inch diameter	1	LF	\$50.00	\$50.00	0.94	\$ 47.00
103	12-inch diameter	1	LF	\$55.00	\$55.00	0.94	\$ 51.70
104	14-inch diameter	1	LF	\$94.00	\$94.00	0.94	\$ 88.36
105	16-inch diameter	1	LF	\$120.00	\$120.00	0.94	\$ 112.80
106	18-inch diameter	1	LF	\$135.00	\$135.00	0.94	\$ 126.90
107	20-inch diameter	1	LF	\$170.00	\$170.00	0.94	\$ 159.80
108	24-inch diameter	1	LF	\$220.00	\$220.00	0.94	\$ 206.80
	Note: Installation with HDPE, Fusible PVC/Ductile Iron available at market price						
	Fittings						
	a) Bends and sleeves, DI						
109	6-inch	1	EA	\$375.00	\$375.00	0.94	\$ 352.50
110	8-inch	1	EA	\$425.00	\$425.00	0.94	\$ 399.50
111	10-inch	1	EA	\$500.00	\$500.00	0.94	\$ 470.00
112	12-inch	1	EA	\$800.00	\$800.00	0.94	\$ 752.00
113	14-inch	1	EA	\$1,200.00	\$1,200.00	0.94	\$ 1,128.00
114	16-inch	1	EA	\$1,475.00	\$1,475.00	0.94	\$ 1,386.50
115	18-inch	1	EA	\$1,750.00	\$1,750.00	0.94	\$ 1,645.00
116	20-inch	1	EA	\$2,250.00	\$2,250.00	0.94	\$ 2,115.00
117	24-inch	1	EA	\$3,000.00	\$3,000.00	0.94	\$ 2,820.00
	b) Tees, DI						
118	6x6x4	1	EA	\$425.00	\$425.00	0.94	\$ 399.50
119	6x6x6	1	EA	\$475.00	\$475.00	0.94	\$ 446.50
120	8x8x4	1	EA	\$575.00	\$575.00	0.94	\$ 540.50
121	8x8x6	1	EA	\$600.00	\$600.00	0.94	\$ 564.00
122	8x8x8	1	EA	\$700.00	\$700.00	0.94	\$ 658.00
123	10x10x4	1	EA	\$625.00	\$625.00	0.94	\$ 587.50
124	10x10x6	1	EA	\$750.00	\$750.00	0.94	\$ 705.00
125	10x10x8	1	EA	\$825.00	\$825.00	0.94	\$ 775.50
126	10x10x10	1	EA	\$900.00	\$900.00	0.94	\$ 846.00
127	12x12x6	1	EA	\$1,100.00	\$1,100.00	0.94	\$ 1,034.00
128	12x12x8	1	EA	\$1,150.00	\$1,150.00	0.94	\$ 1,081.00
129	12x12x10	1	EA	\$1,200.00	\$1,200.00	0.94	\$ 1,128.00
130	12x12x12	1	EA	\$1,275.00	\$1,275.00	0.94	\$ 1,198.50
131	14x14x14	1	EA	\$1,600.00	\$1,600.00	0.94	\$ 1,504.00
132	16x4 tee	1	EA	\$2,750.00	\$2,750.00	0.94	\$ 2,585.00
133	16x6x6cross	1	EA	\$3,750.00	\$3,750.00	0.94	\$ 3,525.00
134	16x6 tee	1	EA	\$2,950.00	\$2,950.00	0.94	\$ 2,773.00
135	16x6 tee blowoff	1	EA	\$3,500.00	\$3,500.00	0.94	\$ 3,290.00
136	16x8x8 cross	1	EA	\$3,950.00	\$3,950.00	0.94	\$ 3,713.00
137	16x20 reducer	1	EA	\$1,250.00	\$1,250.00	0.94	\$ 1,175.00
138	18x18x18	1	EA	\$2,200.00	\$2,200.00	0.94	\$ 2,068.00
139	20 tee	1	EA	\$4,250.00	\$4,250.00	0.94	\$ 3,995.00
140	20 cross	1	EA	\$5,000.00	\$5,000.00	0.94	\$ 4,700.00
141	24 tee	1	EA	\$5,250.00	\$5,250.00	0.94	\$ 4,935.00
142	24 cross	1	EA	\$6,000.00	\$6,000.00	0.94	\$ 5,640.00
	a) Fittings available per Pound	1	LB	\$4.65	\$4.65	0.94	\$ 4.37
	Gate Valves						
143	4-inch	1	EA	\$400.00	\$400.00	0.94	\$ 376.00
144	6-inch	1	EA	\$900.00	\$900.00	0.94	\$ 846.00
145	8-inch	1	EA	\$1,375.00	\$1,375.00	0.94	\$ 1,292.50
PCA R3 Price List 3-206-18							
		QTY	Unit	Unit Price	Extension	Coefficient	Revised Unit Price
146	10-inch	1	EA	\$1,750.00	\$1,750.00	0.94	\$ 1,645.00
147	12-inch	1	EA	\$2,500.00	\$2,500.00	0.94	\$ 2,350.00
148	14-inch	1	EA	\$5,500.00	\$5,500.00	0.94	\$ 5,170.00
149	16-inch	1	EA	\$6,150.00	\$6,150.00	0.94	\$ 5,781.00
150	18-inch	1	EA	\$9,100.00	\$9,100.00	0.94	\$ 8,554.00
151	20-inch	1	EA	\$11,250.00	\$11,250.00	0.94	\$ 10,575.00
152	24-inch	1	EA	\$14,750.00	\$14,750.00	0.94	\$ 13,865.00
153	Remove valve only	1	EA	\$250.00	\$250.00	0.94	\$ 235.00
154	Install new valve vault	1	EA	\$6,000.00	\$6,000.00	0.94	\$ 5,640.00
155	Fire Hydrants	1	EA	\$3,250.00	\$3,250.00	0.94	\$ 3,055.00
	Connection at Services						
	a) Up to 1" service, short side up to 5-feet						
156	4-inch main	1	EA	\$400.00	\$400.00	0.94	\$ 376.00
157	6-inch main	1	EA	\$450.00	\$450.00	0.94	\$ 423.00
158	8-inch main	1	EA	\$475.00	\$475.00	0.94	\$ 446.50

159	10-inch main	1	EA	\$500.00	\$500.00	0.94	\$ 470.00
160	12-inch main	1	EA	\$550.00	\$550.00	0.94	\$ 517.00
161	16-inch main	1	EA	\$700.00	\$700.00	0.94	\$ 658.00
162	18-inch main	1	EA	\$850.00	\$850.00	0.94	\$ 799.00
163	20-inch main	1	EA	\$1,100.00	\$1,100.00	0.94	\$ 1,034.00
164	24-inch main	1	EA	\$1,400.00	\$1,400.00	0.94	\$ 1,316.00
	b) Up to 2" service, short side up to 5-feet						
165	4-inch main	1	EA	\$600.00	\$600.00	0.94	\$ 564.00
166	6-inch main	1	EA	\$650.00	\$650.00	0.94	\$ 611.00
167	8-inch main	1	EA	\$675.00	\$675.00	0.94	\$ 634.50
168	10-inch main	1	EA	\$700.00	\$700.00	0.94	\$ 658.00
169	12-inch main	1	EA	\$750.00	\$750.00	0.94	\$ 705.00
170	16-inch main	1	EA	\$900.00	\$900.00	0.94	\$ 846.00
171	18-inch main	1	EA	\$1,100.00	\$1,100.00	0.94	\$ 1,034.00
172	20-inch main	1	EA	\$1,350.00	\$1,350.00	0.94	\$ 1,269.00
173	24-inch main	1	EA	\$1,550.00	\$1,550.00	0.94	\$ 1,457.00
	c) Up to 1" service, long side up to 25-feet						
174	4-inch main	1	EA	\$775.00	\$775.00	0.94	\$ 728.50
175	6-inch main	1	EA	\$850.00	\$850.00	0.94	\$ 799.00
176	8-inch main	1	EA	\$875.00	\$875.00	0.94	\$ 822.50
177	10-inch main	1	EA	\$900.00	\$900.00	0.94	\$ 846.00
178	12-inch main	1	EA	\$950.00	\$950.00	0.94	\$ 893.00
179	16-inch main	1	EA	\$1,100.00	\$1,100.00	0.94	\$ 1,034.00
180	18-inch main	1	EA	\$1,250.00	\$1,250.00	0.94	\$ 1,175.00
181	20-inch main	1	EA	\$1,650.00	\$1,650.00	0.94	\$ 1,551.00
182	24-inch main	1	EA	\$1,800.00	\$1,800.00	0.94	\$ 1,692.00
	d) Up to 2" service, long side up to 25-feet						
183	4-inch main	1	EA	\$1,000.00	\$1,000.00	0.94	\$ 940.00
184	6-inch main	1	EA	\$1,050.00	\$1,050.00	0.94	\$ 987.00
185	8-inch main	1	EA	\$1,075.00	\$1,075.00	0.94	\$ 1,010.50
186	10-inch main	1	EA	\$1,100.00	\$1,100.00	0.94	\$ 1,034.00
187	12-inch main	1	EA	\$1,150.00	\$1,150.00	0.94	\$ 1,081.00
188	16-inch main	1	EA	\$1,450.00	\$1,450.00	0.94	\$ 1,363.00
189	18-inch main	1	EA	\$1,650.00	\$1,650.00	0.94	\$ 1,551.00
190	20-inch main	1	EA	\$1,950.00	\$1,950.00	0.94	\$ 1,833.00
191	24-inch main	1	EA	\$2,200.00	\$2,200.00	0.94	\$ 2,068.00
	e) Additional service length						
192	Over 30-feet x 1"	1	LF	\$12.00	\$12.00	0.94	\$ 11.28
193	Over 30-feet x 2"	1	LF	\$15.00	\$15.00	0.94	\$ 14.10
	Note: Service pipe HDPE, Copper available at market price						
	Line Stops						
194	4-inch	1	EA	\$3,500.00	\$3,500.00	0.94	\$ 3,290.00
195	6-inch	1	EA	\$4,500.00	\$4,500.00	0.94	\$ 4,230.00
196	8-inch	1	EA	\$5,000.00	\$5,000.00	0.94	\$ 4,700.00
197	10-inch	1	EA	\$5,000.00	\$5,000.00	0.94	\$ 4,700.00
198	12-inch	1	EA	\$7,000.00	\$7,000.00	0.94	\$ 6,580.00
199	16-inch	1	EA	\$15,000.00	\$15,000.00	0.94	\$ 14,100.00
200	18-inch	1	EA	\$18,000.00	\$18,000.00	0.94	\$ 16,920.00
201	20-inch	1	EA	\$19,000.00	\$19,000.00	0.94	\$ 17,860.00
202	24-inch	1	EA	\$21,000.00	\$21,000.00	0.94	\$ 19,740.00
	Bypass for water main pipe bursting or CIPP lining						
203	2-inch temporary	1	LF	\$23.00	\$23.00	0.94	\$ 21.62
204	4-inch temporary	1	LF	\$26.00	\$26.00	0.94	\$ 24.44
205	6-inch temporary	1	LF	\$31.00	\$31.00	0.94	\$ 29.14
	Temporary service connections for water main bypass						
206	2-inch short side	1	EA	\$275.00	\$275.00	0.94	\$ 258.50
207	2-inch long side	1	EA	\$375.00	\$375.00	0.94	\$ 352.50
208	4-inch short side	1	EA	\$300.00	\$300.00	0.94	\$ 282.00
209	4-inch long side	1	EA	\$400.00	\$400.00	0.94	\$ 376.00
210	6-inch short side	1	EA	\$325.00	\$325.00	0.94	\$ 305.50
211	6-inch long side	1	EA	\$425.00	\$425.00	0.94	\$ 399.50
	D) Polyethylene (PE) Sewer Pipe Sliplining						
	PE Pipe DR 22.5						
212	4-inch	1	LF	\$25.00	\$25.00	0.94	\$ 23.50
213	6-inch	1	LF	\$30.00	\$30.00	0.94	\$ 28.20
214	8-inch	1	LF	\$35.00	\$35.00	0.94	\$ 32.90
215	10-inch	1	LF	\$40.00	\$40.00	0.94	\$ 37.60
216	12-inch	1	LF	\$45.00	\$45.00	0.94	\$ 42.30
217	Annular Space - Grouting	1	CY	\$300.00	\$300.00	0.94	\$ 282.00
	PCA R3 Price List 3-206-18						
		QTY	Unit	Unit Price	Extension	Coefficient	Revised Unit Price
	E) Procedures for Rehabilitation of Existing Pipelines						
	Pipe String Fusion						

218	4-inch	1	LF	\$30.00	\$30.00	0.94	\$ 28.20
219	6-inch	1	LF	\$35.00	\$35.00	0.94	\$ 32.90
220	8-inch	1	LF	\$40.00	\$40.00	0.94	\$ 37.60
221	10-inch	1	LF	\$45.00	\$45.00	0.94	\$ 42.30
222	12-inch	1	LF	\$50.00	\$50.00	0.94	\$ 47.00
	Pressure Testing						
223	4-12 inch	1	LF	\$2.00	\$2.00	0.94	\$ 1.88
224	Charge Water	1	K-Gals	\$1.00	\$1.00	0.94	\$ 0.94
	Chlorination						
225	4-inch	1	LF	\$1.00	\$1.00	0.94	\$ 0.94
226	6-inch	1	LF	\$1.50	\$1.50	0.94	\$ 1.41
227	8-inch	1	LF	\$2.00	\$2.00	0.94	\$ 1.88
228	10-inch	1	LF	\$2.50	\$2.50	0.94	\$ 2.35
229	12-inch	1	LF	\$3.00	\$3.00	0.94	\$ 2.82
230	BT Test	1	EA	\$250.00	\$250.00	0.94	\$ 235.00
	Flushing						
231	4-12 inch	1	LF	\$0.50	\$0.50	0.94	\$ 0.47
232	Charge Water	1	K-Gals	\$0.50	\$0.50	0.94	\$ 0.47
	Dechlorination						
233	4-12 inch	1	K-Gals	\$1.00	\$1.00	0.94	\$ 0.94
PCA R3 Price List 3-206-18							
		QTY	Unit	Unit Price	Extension	Coefficient	Revised Unit Price
F) Trenchless Rehabilitation/Reconstruction of Pipelines and Conduits							
	Compression Fit HDPE Pipe Lining						
	a) Camera						
234	0-10 inch	1	LF	\$1.00	\$1.00	0.94	\$ 0.94
235	10-24 inch	1	LF	\$1.50	\$1.50	0.94	\$ 1.41
236	25-36 inch	1	LF	\$2.00	\$2.00	0.94	\$ 1.88
237	37-48 inch	1	LF	\$2.50	\$2.50	0.94	\$ 2.35
238	Over 48 inch	1	LF	\$3.00	\$3.00	0.94	\$ 2.82
	b) Clean						
239	0-10 inch	1	LF	\$2.50	\$2.50	0.94	\$ 2.35
240	10-24 inch	1	LF	\$3.00	\$3.00	0.94	\$ 2.82
241	25-36 inch	1	LF	\$3.50	\$3.50	0.94	\$ 3.29
242	37-48 inch	1	LF	\$4.00	\$4.00	0.94	\$ 3.76
243	Over 48 inch	1	LF	\$4.50	\$4.50	0.94	\$ 4.23
	c) Pigging	See item G) Pig Cleaning					
	d) Gauging						
244	0-10 inch	1	LF	\$5.00	\$5.00	0.94	\$ 4.70
245	10-24 inch	1	LF	\$8.00	\$8.00	0.94	\$ 7.52
246	25-36 inch	1	LF	\$11.00	\$11.00	0.94	\$ 10.34
247	37-48 inch	1	LF	\$14.00	\$14.00	0.94	\$ 13.16
248	Over 48 inch	1	Per-inch	\$1.00	\$1.00	0.94	\$ 0.94
249	e) Obstruction Removal	1	EA	\$600.00	\$600.00	0.94	\$ 564.00
	f) Pipe Liner Insertion						
	1) PE 4710 DR 41						
250	4-inch	1	LF	\$10.00	\$10.00	0.94	\$ 9.40
251	6-inch	1	LF	\$20.00	\$20.00	0.94	\$ 18.80
252	8-inch	1	LF	\$25.00	\$25.00	0.94	\$ 23.50
253	10-inch	1	LF	\$35.00	\$35.00	0.94	\$ 32.90
254	12-inch	1	LF	\$50.00	\$50.00	0.94	\$ 47.00
255	16-inch	1	LF	\$75.00	\$75.00	0.94	\$ 70.50
256	18-inch	1	LF	\$95.00	\$95.00	0.94	\$ 89.30
257	20-inch	1	LF	\$130.00	\$130.00	0.94	\$ 122.20
258	24-inch	1	LF	\$180.00	\$180.00	0.94	\$ 169.20
259	30-inch	1	LF	\$240.00	\$240.00	0.94	\$ 225.60
260	36-inch	1	LF	\$280.00	\$280.00	0.94	\$ 263.20
261	42-inch	1	LF	\$340.00	\$340.00	0.94	\$ 319.60
262	48-inch	1	LF	\$400.00	\$400.00	0.94	\$ 376.00
263	54-inch	1	LF	\$475.00	\$475.00	0.94	\$ 446.50
	2) PE 4710 DR 32.5						
264	4-inch	1	LF	\$20.00	\$20.00	0.94	\$ 18.80
265	6-inch	1	LF	\$25.00	\$25.00	0.94	\$ 23.50
266	8-inch	1	LF	\$30.00	\$30.00	0.94	\$ 28.20
267	10-inch	1	LF	\$40.00	\$40.00	0.94	\$ 37.60
268	12-inch	1	LF	\$55.00	\$55.00	0.94	\$ 51.70

269	16-inch	1	LF	\$80.00	\$80.00	0.94	\$ 75.20
270	18-inch	1	LF	\$105.00	\$105.00	0.94	\$ 98.70
271	20-inch	1	LF	\$150.00	\$150.00	0.94	\$ 141.00
272	24-inch	1	LF	\$200.00	\$200.00	0.94	\$ 188.00
273	30-inch	1	LF	\$260.00	\$260.00	0.94	\$ 244.40
274	36-inch	1	LF	\$300.00	\$300.00	0.94	\$ 282.00
275	42-inch	1	LF	\$360.00	\$360.00	0.94	\$ 338.40
276	48-inch	1	LF	\$420.00	\$420.00	0.94	\$ 394.80
277	54-inch	1	LF	\$475.00	\$475.00	0.94	\$ 446.50
	3) PE 4710 DR 26						
PCA R3 Price List 3-206-18							
		<u>QTY</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Extension</u>	<u>Coefficient</u>	<u>Revised Unit Price</u>
278	4-inch	1	LF	\$25.00	\$25.00	0.94	\$ 23.50
279	6-inch	1	LF	\$30.00	\$30.00	0.94	\$ 28.20
280	8-inch	1	LF	\$35.00	\$35.00	0.94	\$ 32.90
281	10-inch	1	LF	\$45.00	\$45.00	0.94	\$ 42.30
282	12-inch	1	LF	\$60.00	\$60.00	0.94	\$ 56.40
283	16-inch	1	LF	\$90.00	\$90.00	0.94	\$ 84.60
284	18-inch	1	LF	\$120.00	\$120.00	0.94	\$ 112.80
285	20-inch	1	LF	\$175.00	\$175.00	0.94	\$ 164.50
286	24-inch	1	LF	\$220.00	\$220.00	0.94	\$ 206.80
287	30-inch	1	LF	\$280.00	\$280.00	0.94	\$ 263.20
288	36-inch	1	LF	\$300.00	\$300.00	0.94	\$ 282.00
289	42-inch	1	LF	\$380.00	\$380.00	0.94	\$ 357.20
290	48-inch	1	LF	\$440.00	\$440.00	0.94	\$ 413.60
291	54-inch	1	LF	\$505.00	\$505.00	0.94	\$ 474.70
	4) PE 4710 DR 21						
292	4-inch	1	LF	\$30.00	\$30.00	0.94	\$ 28.20
293	6-inch	1	LF	\$35.00	\$35.00	0.94	\$ 32.90
294	8-inch	1	LF	\$40.00	\$40.00	0.94	\$ 37.60
295	10-inch	1	LF	\$50.00	\$50.00	0.94	\$ 47.00
296	12-inch	1	LF	\$65.00	\$65.00	0.94	\$ 61.10
297	16-inch	1	LF	\$100.00	\$100.00	0.94	\$ 94.00
298	18-inch	1	LF	\$130.00	\$130.00	0.94	\$ 122.20
299	20-inch	1	LF	\$190.00	\$190.00	0.94	\$ 178.60
300	24-inch	1	LF	\$240.00	\$240.00	0.94	\$ 225.60
301	30-inch	1	LF	\$310.00	\$310.00	0.94	\$ 291.40
302	36-inch	1	LF	\$330.00	\$330.00	0.94	\$ 310.20
303	42-inch	1	LF	\$400.00	\$400.00	0.94	\$ 376.00
304	48-inch	1	LF	\$460.00	\$460.00	0.94	\$ 432.40
305	54-inch	1	LF	\$535.00	\$535.00	0.94	\$ 502.90
	5) PE 4710 DR 17						
306	4-inch	1	LF	\$35.00	\$35.00	0.94	\$ 32.90
307	6-inch	1	LF	\$40.00	\$40.00	0.94	\$ 37.60
308	8-inch	1	LF	\$45.00	\$45.00	0.94	\$ 42.30
309	10-inch	1	LF	\$55.00	\$55.00	0.94	\$ 51.70
310	12-inch	1	LF	\$70.00	\$70.00	0.94	\$ 65.80
311	16-inch	1	LF	\$110.00	\$110.00	0.94	\$ 103.40
312	18-inch	1	LF	\$140.00	\$140.00	0.94	\$ 131.60
313	20-inch	1	LF	\$205.00	\$205.00	0.94	\$ 192.70
314	24-inch	1	LF	\$260.00	\$260.00	0.94	\$ 244.40
315	30-inch	1	LF	\$340.00	\$340.00	0.94	\$ 319.60
316	36-inch	1	LF	\$360.00	\$360.00	0.94	\$ 338.40
317	42-inch	1	LF	\$430.00	\$430.00	0.94	\$ 404.20
318	48-inch	1	LF	\$485.00	\$485.00	0.94	\$ 455.90
319	54-inch	1	LF	\$585.00	\$555.00	0.94	\$ 521.70
G) Pig Cleaning							
	Foam Pig						
320	0-12 inch	1	LF	\$0.50	\$0.50	0.94	\$ 0.47
321	13-24 inch	1	LF	\$1.50	\$1.50	0.94	\$ 1.41
322	25-36 inch	1	LF	\$2.50	\$2.50	0.94	\$ 2.35
323	37-48 inch	1	LF	\$3.50	\$3.50	0.94	\$ 3.29
324	Over 48 inch	1	LF	\$5.00	\$5.00	0.94	\$ 4.70
	Wire Bullet Pig						
325	0-12 inch	1	LF	\$3.00	\$3.00	0.94	\$ 2.82
326	13-24 inch	1	LF	\$4.00	\$4.00	0.94	\$ 3.76
327	25-36 inch	1	LF	\$6.00	\$6.00	0.94	\$ 5.64
328	37-48 inch	1	LF	\$9.00	\$9.00	0.94	\$ 8.46
329	Over 48 inch	1	LF	\$12.00	\$12.00	0.94	\$ 11.28
	Blade Scraper Pig						
330	0-12 inch	1	LF	\$0.50	\$0.50	0.94	\$ 0.47

331	13-24 inch	1	LF	\$1.50	\$1.50	0.94	\$ 1.41
332	25-36 inch	1	LF	\$2.50	\$2.50	0.94	\$ 2.35
333	37-48 inch	1	LF	\$3.50	\$3.50	0.94	\$ 3.29
334	Over 48 inch	1	LF	\$5.00	\$5.00	0.94	\$ 4.70
H) Time and Material Unit Rates for Change Orders							
	Materials, Subcontractors and Rentals						
335	Markup = 15%						
336	Sales Taxes = Per Jurisdiction						
	Labor						
337	Executive Supervisor	1	HR	\$85.00	\$85.00	0.94	\$ 79.90
	a) Project Management	1	HR	\$75.00	\$75.00	0.94	\$ 70.50
338	Superintendent	1	HR	\$45.00	\$45.00	0.94	\$ 42.30
PCA R3 Price List 3-206-18							
		QTY	Unit	Unit Price	Extension	Coefficient	Revised Unit Price
339	Administrator	1	HR	\$25.00	\$25.00	0.94	\$ 23.50
340	Crew Chief	1	HR	\$40.00	\$40.00	0.94	\$ 37.60
341	Equipment Operator	1	HR	\$35.00	\$35.00	0.94	\$ 32.90
342	Pipelayer - Skilled	1	HR	\$30.00	\$30.00	0.94	\$ 28.20
343	Pipelayer - Helper	1	HR	\$28.00	\$28.00	0.94	\$ 26.32
344	Laborer - Unskilled	1	HR	\$25.00	\$25.00	0.94	\$ 23.50
I) Directional Drilling & Pipe Installation							
345	2-inch	1	LF	\$19.00	\$19.00	0.94	\$ 17.86
346	4-inch	1	LF	\$26.00	\$26.00	0.94	\$ 24.44
347	6-inch	1	LF	\$35.00	\$35.00	0.94	\$ 32.90
348	8-inch	1	LF	\$40.00	\$40.00	0.94	\$ 37.60
349	10-inch	1	LF	\$55.00	\$55.00	0.94	\$ 51.70
350	12-inch	1	LF	\$72.00	\$72.00	0.94	\$ 67.68
351	14-inch	1	LF	\$89.00	\$89.00	0.94	\$ 83.66
352	16-inch	1	LF	\$100.00	\$100.00	0.94	\$ 94.00
353	18-inch	1	LF	\$115.00	\$115.00	0.94	\$ 108.10
354	20-inch	1	LF	\$180.00	\$180.00	0.94	\$ 169.20
355	24-inch	1	LF	\$240.00	\$240.00	0.94	\$ 225.60
J) Gravity Sewer CIPP Lateral Renewal Systems							
356	4 inch lateral up to 25 lf	1	EA	\$1,500.00	\$1,500.00	0.94	\$ 1,410.00
357	6 inch lateral up to 25 lf	1	EA	\$1,750.00	\$1,750.00	0.94	\$ 1,645.00
358	4 inch tophat installation	1	EA	\$700.00	\$700.00	0.94	\$ 658.00
359	6 inch tophat installation	1	EA	\$900.00	\$900.00	0.94	\$ 846.00
K) Manhole Rehabilitation							
360	4 foot diameter	1	VF	\$250.00	\$250.00	0.94	\$ 235.00
361	6 foot diameter	1	VF	\$266.00	\$266.00	0.94	\$ 244.40
362	Lift station rehabilitation	1	SF	\$18.00	\$18.00	0.94	\$ 16.92
363	Existing coating removal	1	SF	\$5.00	\$5.00	0.94	\$ 4.70
364	Adjust existing manhole cover and ring (grass)	1	EA	\$400.00	\$400.00	0.94	\$ 376.00
365	Adjust existing manhole cover and ring (Asphalt)	1	EA	\$600.00	\$600.00	0.94	\$ 564.00
366	Install new manhole ring and cover (grass)	1	EA	\$700.00	\$700.00	0.94	\$ 658.00
367	Install new manhole ring and cover (Asphalt)	1	EA	\$1,100.00	\$1,100.00	0.94	\$ 1,034.00
368	Furnish and install manhole chimney seal	1	EA	\$500.00	\$500.00	0.94	\$ 470.00
369	Re-construct manhole bench and channel flow	1	EA	\$500.00	\$500.00	0.94	\$ 470.00
L) Slip-lining down to DR 11							
370	4-inch	1	EA	\$30.00	\$30.00	0.94	\$ 28.20
371	6-inch	1	EA	\$35.00	\$35.00	0.94	\$ 32.90
372	8-inch	1	EA	\$40.00	\$40.00	0.94	\$ 37.60
373	10-inch	1	EA	\$50.00	\$50.00	0.94	\$ 47.00
374	12-inch	1	EA	\$70.00	\$70.00	0.94	\$ 65.80
375	16-inch	1	EA	\$100.00	\$100.00	0.94	\$ 94.00
376	18-inch	1	EA	\$115.00	\$115.00	0.94	\$ 108.10
377	24-inch	1	EA	\$240.00	\$240.00	0.94	\$ 225.60
378	30-inch	1	EA	\$320.00	\$320.00	0.94	\$ 300.80
379	36-inch	1	EA	\$380.00	\$380.00	0.94	\$ 357.20
380	42-inch	1	EA	\$420.00	\$420.00	0.94	\$ 394.80
381	48-inch	1	EA	\$480.00	\$480.00	0.94	\$ 451.20
382	54-inch	1	EA	\$640.00	\$640.00	0.94	\$ 601.60
383	63-inch	1	EA	\$750.00	\$750.00	0.94	\$ 705.00
M) Large Diameter HDPE							
	Pipe String Fusion						
384	14-inch	1	LF	\$55.00	\$55.00	0.94	\$ 51.70
385	16-inch	1	LF	\$65.00	\$65.00	0.94	\$ 61.10
386	18-inch	1	LF	\$75.00	\$75.00	0.94	\$ 70.50
387	20-inch	1	LF	\$85.00	\$85.00	0.94	\$ 79.90

388	24-inch	1	LF	\$105.00	\$105.00	0.94	\$ 98.70
389	30-inch	1	LF	\$135.00	\$135.00	0.94	\$ 126.90
390	36-inch	1	LF	\$170.00	\$170.00	0.94	\$ 159.80
391	48-inch	1	LF	\$220.00	\$220.00	0.94	\$ 206.80
	Pressure Testing						
392	14-48 inch	1	LF	\$4.00	\$4.00	0.94	\$ 3.76
393	Charge Water	1	K-Gals	\$1.00	\$1.00	0.94	\$ 0.94
N) Pipe Bursting for Force Main Replacement Procedure							
	HDPE DR 11						
394	3-inch diameter	1	LF	\$48.00	\$48.00	0.94	\$ 45.12
395	4-inch diameter	1	LF	\$57.00	\$57.00	0.94	\$ 53.58
396	6-inch diameter	1	LF	\$74.00	\$74.00	0.94	\$ 69.56
397	8-inch diameter	1	LF	\$96.00	\$96.00	0.94	\$ 90.24
398	10-inch diameter	1	LF	\$108.00	\$108.00	0.94	\$ 101.52
399	12-inch diameter	1	LF	\$135.00	\$135.00	0.94	\$ 126.90
400	14-inch diameter	1	LF	\$150.00	\$150.00	0.94	\$ 141.00
401	16-inch diameter	1	LF	\$185.00	\$185.00	0.94	\$ 173.90
402	18-inch diameter	1	LF	\$210.00	\$210.00	0.94	\$ 197.40
403	20-inch diameter	1	LF	\$245.00	\$245.00	0.94	\$ 230.30
404	24-inch diameter	1	LF	\$275.00	\$275.00	0.94	\$ 258.50
405	30-inch diameter	1	LF	\$350.00	\$350.00	0.94	\$ 329.00
406	36-inch diameter	1	LF	\$385.00	\$385.00	0.94	\$ 361.90
407	42-inch diameter	1	LF	\$425.00	\$425.00	0.94	\$ 399.50
408	48-inch diameter	1	LF	\$500.00	\$500.00	0.94	\$ 470.00
409	54-inch diameter	1	LF	\$600.00	\$600.00	0.94	\$ 564.00
	Plug Valves						
410	4-inch	1	EA	\$1,062.00	\$1,062.00	0.94	\$ 998.28
411	6-inch	1	EA	\$1,700.00	\$1,700.00	0.94	\$ 1,598.00
412	8-inch	1	EA	\$2,233.00	\$2,233.00	0.94	\$ 2,099.02
413	10-inch	1	EA	\$3,064.00	\$3,064.00	0.94	\$ 2,880.16
414	12-inch	1	EA	\$3,543.00	\$3,543.00	0.94	\$ 3,330.42
415	16-inch	1	EA	\$5,103.00	\$5,103.00	0.94	\$ 4,796.82
416	18-inch	1	EA	\$8,546.00	\$8,546.00	0.94	\$ 8,033.24
417	20-inch	1	EA	\$13,387.00	\$13,387.00	0.94	\$ 12,583.78
418	24-inch	1	EA	\$18,238.00	\$18,238.00	0.94	\$ 17,143.72
419	30-inch	1	EA	\$31,455.00	\$31,455.00	0.94	\$ 29,567.70
420	36-inch	1	EA	\$45,054.00	\$45,054.00	0.94	\$ 42,350.76
421	42-inch	1	EA	\$54,764.00	\$54,764.00	0.94	\$ 51,478.16
422	48-inch	1	EA	\$61,924.00	\$61,924.00	0.94	\$ 58,208.56
423	54-inch	1	EA	\$69,814.00	\$69,814.00	0.94	\$ 65,625.16
	ARV Vacuum/Air/With structure						
424	2-inch	1	EA	\$4,572.00	\$4,572.00	0.94	\$ 4,297.68
425	4-inch	1	EA	\$11,543.00	\$11,543.00	0.94	\$ 10,850.42
426	6-inch	1	EA	\$14,622.00	\$14,622.00	0.94	\$ 13,744.68
	Blow Off/With box						
427	2-inch	1	EA	\$2,544.00	\$2,544.00	0.94	\$ 2,391.36
428	4-inch	1	EA	\$4,599.00	\$4,599.00	0.94	\$ 4,323.06
429	6-inch	1	EA	\$7,815.00	\$7,815.00	0.94	\$ 7,346.10
430	Tracer Wire	1	LF	\$1.63	\$1.63	0.94	\$ 1.53
							\$ -
O) Modular Pipe Bursting							
431	Manhole set up fee	1	EA	\$24,750.00	\$24,750.00	0.94	\$ 23,265.00
432	8-inch	1	LF	\$156.00	\$156.00	0.94	\$ 146.64
433	10-inch	1	LF	\$170.00	\$170.00	0.94	\$ 159.80
434	12-inch	1	LF	\$186.00	\$186.00	0.94	\$ 174.84
435	14-Inch	1	LF	\$201.00	\$201.00	0.94	\$ 188.94
436	16-inch	1	LF	\$226.00	\$226.00	0.94	\$ 212.44
437	18-inch	1	LF	\$268.00	\$268.00	0.94	\$ 251.92
P) Extended Warranty							
438	Past 1 year, extended warranty offered at 1.93% of contract value per year						