

Annual Services Construction Contract #17
 Project Number: PUCN-19-0005

Item No.	Item Description	Depth	Unit	Est. Quantity	Inlet Construction, Inc.		Tidewater Utility Construction, Inc.		East West Construction, Inc.		Gaston Brothers Utilities		Average Cost	Median Cost	Minimum Cost	Maximum Cost	
					Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost					
77	Orange Plastic HI-VIS Fencing		lf	10,000	\$ 0.10	\$ 1,000.00	\$ 1.00	\$ 10,000.00	\$ 4.50	\$ 45,000.00	\$ 2.00	\$ 20,000.00	\$ 1.90	\$ 1.50	\$ 0.10	\$ 4.50	
78	Topsoil & Seed (minimum quantity to be 0.050 acres) ≤ to 4"		acre	5	\$ 500.00	\$ 2,500.00	\$ 500.00	\$ 2,500.00	\$ 750.00	\$ 3,750.00	\$ 1.00	\$ 5.00	\$ 437.75	\$ 500.00	\$ 1.00	\$ 750.00	
79	Inlet Protection		ea	150	\$ 50.00	\$ 7,500.00	\$ 125.00	\$ 18,750.00	\$ 100.00	\$ 15,000.00	\$ 200.00	\$ 30,000.00	\$ 118.75	\$ 112.50	\$ 50.00	\$ 200.00	
80	CCTV Sanitary Sewer Main (existing and new)		lf	12,500	\$ 3.05	\$ 38,125.00	\$ 2.50	\$ 31,250.00	\$ 1.75	\$ 21,875.00	\$ 5.00	\$ 62,500.00	\$ 3.08	\$ 2.78	\$ 1.75	\$ 5.00	
81	CCTV Sanitary Sewer Lateral (4" or 6")		lf	7,500	\$ 4.25	\$ 31,875.00	\$ 3.75	\$ 28,125.00	\$ 3.50	\$ 26,250.00	\$ 5.00	\$ 37,500.00	\$ 4.13	\$ 4.00	\$ 3.50	\$ 5.00	
82	Installation under existing utilities		ea	250	\$ 10.00	\$ 2,500.00	\$ 10.00	\$ 2,500.00	\$ 100.00	\$ 25,000.00	\$ 250.00	\$ 62,500.00	\$ 92.50	\$ 55.00	\$ 10.00	\$ 250.00	
83	Dewatering (Manhole, Lateral or Point Repair)		ea	100	\$ 500.00	\$ 50,000.00	\$ 1.00	\$ 100.00	\$ 750.00	\$ 75,000.00	\$ 700.00	\$ 70,000.00	\$ 487.75	\$ 600.00	\$ 1.00	\$ 750.00	
84	Dewatering Trench (Linear Dewatering per 100 feet)		ea	200	\$ 100.00	\$ 20,000.00	\$ 1.00	\$ 200.00	\$ 750.00	\$ 150,000.00	\$ 2,000.00	\$ 400,000.00	\$ 712.75	\$ 425.00	\$ 1.00	\$ 2,000.00	
85	Install Combination Curb and Gutter (CG-6)		lf	500	\$ 25.00	\$ 12,500.00	\$ 32.00	\$ 16,000.00	\$ 45.00	\$ 22,500.00	\$ 37.50	\$ 18,750.00	\$ 34.88	\$ 34.75	\$ 25.00	\$ 45.00	
86	Install Concrete Sidewalk, 4" thick (Standard width 4 feet)		sy	275	\$ 45.00	\$ 12,375.00	\$ 45.00	\$ 12,375.00	\$ 45.00	\$ 12,375.00	\$ 45.00	\$ 12,375.00	\$ 45.00	\$ 45.00	\$ 45.00	\$ 45.00	
87	Install Concrete Driveway, 7" thick		sy	700	\$ 55.00	\$ 38,500.00	\$ 70.00	\$ 49,000.00	\$ 95.00	\$ 66,500.00	\$ 85.00	\$ 59,500.00	\$ 76.25	\$ 77.50	\$ 55.00	\$ 95.00	
88	Group 1 Channelizing Device		ea/day	24,000	\$ 0.10	\$ 2,400.00	\$ 0.50	\$ 12,000.00	\$ 1.00	\$ 24,000.00	\$ 0.10	\$ 2,400.00	\$ 0.43	\$ 0.30	\$ 0.10	\$ 1.00	
89	Group 2 Channelizing Device		ea/day	12,500	\$ 0.10	\$ 1,250.00	\$ 1.00	\$ 12,500.00	\$ 1.50	\$ 18,750.00	\$ 0.10	\$ 1,250.00	\$ 0.68	\$ 0.55	\$ 0.10	\$ 1.50	
90	Electronic Arrow (Flashing Arrow Panel)		ea/day	500	\$ 25.00	\$ 12,500.00	\$ 35.00	\$ 17,500.00	\$ 75.00	\$ 37,500.00	\$ 75.00	\$ 37,500.00	\$ 52.50	\$ 55.00	\$ 25.00	\$ 75.00	
91	Type III Barricade w/Type A Flashing Lights		ea/day	150	\$ 10.00	\$ 1,500.00	\$ 18.00	\$ 2,700.00	\$ 75.00	\$ 11,250.00	\$ 25.00	\$ 3,750.00	\$ 32.00	\$ 21.50	\$ 10.00	\$ 75.00	
92	Truck Mounted Attenuator Service		ea/day	15	\$ 2,500.00	\$ 37,500.00	\$ 175.00	\$ 2,625.00	\$ 450.00	\$ 6,750.00	\$ 1,000.00	\$ 15,000.00	\$ 1,031.25	\$ 725.00	\$ 175.00	\$ 2,500.00	
93	Construction Sign		ea/day	8,500	\$ 1.00	\$ 8,500.00	\$ 1.00	\$ 8,500.00	\$ 1.00	\$ 8,500.00	\$ 15.00	\$ 127,500.00	\$ 4.50	\$ 1.00	\$ 1.00	\$ 15.00	
94	Portable Toilet		ea/wk	150	\$ 40.00	\$ 6,000.00	\$ 125.00	\$ 18,750.00	\$ 30.00	\$ 4,500.00	\$ 40.00	\$ 6,000.00	\$ 58.75	\$ 40.00	\$ 30.00	\$ 125.00	
95	Remove and Replace Storm Drain Pipe up to 24"		lf	150	\$ 30.00	\$ 4,500.00	\$ 65.00	\$ 9,750.00	\$ 125.00	\$ 18,750.00	\$ 100.00	\$ 15,000.00	\$ 80.00	\$ 82.50	\$ 30.00	\$ 125.00	
96	Flagger Service (not police assisted)		hr	700	\$ 20.00	\$ 14,000.00	\$ 12.50	\$ 8,750.00	\$ 65.00	\$ 45,500.00	\$ 25.00	\$ 17,500.00	\$ 30.63	\$ 22.50	\$ 12.50	\$ 65.00	
97	Flagger Service (police assisted)		hr	200	\$ 75.00	\$ 15,000.00	\$ 55.00	\$ 11,000.00	\$ 75.00	\$ 15,000.00	\$ 65.00	\$ 13,000.00	\$ 67.50	\$ 70.00	\$ 55.00	\$ 75.00	
98	Pipe Rehabilitation by Cured-in-Place Method (6mm)	8"	lf	6,000	\$ 38.00	\$ 228,000.00	\$ 38.00	\$ 228,000.00	\$ 40.00	\$ 240,000.00	\$ 42.50	\$ 255,000.00	\$ 39.63	\$ 39.00	\$ 38.00	\$ 42.50	
99	Internal Re-Instatement of Sanitary Service Lateral		ea	150	\$ 100.00	\$ 15,000.00	\$ 93.00	\$ 13,950.00	\$ 150.00	\$ 22,500.00	\$ 80.00	\$ 12,000.00	\$ 105.75	\$ 96.50	\$ 80.00	\$ 150.00	
100	Packer Injection Grouting of Pipe Joints in Mainline Sewers		ea	50	\$ 650.00	\$ 32,500.00	\$ 180.00	\$ 9,000.00	\$ 350.00	\$ 17,500.00	\$ 275.00	\$ 13,750.00	\$ 363.75	\$ 312.50	\$ 180.00	\$ 650.00	
101	Packer Injection Grouting of Lateral Connections in Mainline Sewers		ea	50	\$ 594.00	\$ 29,700.00	\$ 650.00	\$ 32,500.00	\$ 550.00	\$ 27,500.00	\$ 1,000.00	\$ 50,000.00	\$ 698.50	\$ 622.00	\$ 550.00	\$ 1,000.00	
102	Chemical Grouting of Laterals Connected to Manholes		ea	20	\$ 425.00	\$ 8,500.00	\$ 525.00	\$ 10,500.00	\$ 450.00	\$ 9,000.00	\$ 750.00	\$ 15,000.00	\$ 537.50	\$ 487.50	\$ 425.00	\$ 750.00	
103	Chemical Grout		gal	500	\$ 25.00	\$ 12,500.00	\$ 30.00	\$ 15,000.00	\$ 20.00	\$ 10,000.00	\$ 50.00	\$ 25,000.00	\$ 31.25	\$ 27.50	\$ 20.00	\$ 50.00	
104	In-situ Point Repair by Sectional Lining	8"	lf	100	\$ 595.00	\$ 59,500.00	\$ 590.00	\$ 59,000.00	\$ 625.00	\$ 62,500.00	\$ 750.00	\$ 75,000.00	\$ 640.00	\$ 610.00	\$ 590.00	\$ 750.00	
105	Sewer Lateral Rehabilitation by Cured-in-Place Method	4"	lf	200	\$ 175.00	\$ 35,000.00	\$ 215.00	\$ 43,000.00	\$ 140.00	\$ 28,000.00	\$ 150.00	\$ 30,000.00	\$ 170.00	\$ 162.50	\$ 140.00	\$ 215.00	
106	Test Pits		ea	50	\$ 300.00	\$ 15,000.00	\$ 100.00	\$ 5,000.00	\$ 650.00	\$ 32,500.00	\$ 500.00	\$ 25,000.00	\$ 387.50	\$ 400.00	\$ 100.00	\$ 650.00	
107	V-Bio Enhanced Polyethylene Encasement for DIP (up to 12")		lf	500	\$ 50.00	\$ 25,000.00	\$ 3.00	\$ 1,500.00	\$ 4.00	\$ 2,000.00	\$ 7.50	\$ 3,750.00	\$ 16.13	\$ 5.75	\$ 3.00	\$ 50.00	
						Total For Schedule A	\$ 2,701,550.00	Total	\$ 3,282,775.00	Total	\$ 4,939,660.00	Total	\$ 5,793,180.00	\$ 4,179,291.25	\$ 4,111,217.50	\$ 2,701,550.00	\$ 5,793,180.00
						Total For Schedule B	\$ 35,425.00	Total	\$ 62,800.00	Total	\$ 78,330.00	Total	\$ 87,225.00	\$ 65,945.00	\$ 70,565.00	\$ 35,425.00	\$ 87,225.00
						Total Base Bid (Schedule A + B)	\$ 2,736,975.00	Total	\$ 3,345,575.00	Total	\$ 5,017,990.00	Total	\$ 5,880,405.00	\$ 4,245,236.25	\$ 4,181,782.50	\$ 2,736,975.00	\$ 5,880,405.00

\$226,988 off

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Schedule B

Item No.	Item Description	Unit	Est. Quantity	Inlet Construction, Inc.		Tidewater Utility Construction, Inc.		East West Construction, Inc.		Gaston Brothers Utilities		Average Cost	Median Cost	Minimum Cost	Maximum Cost
				Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost				
1B	Superintendent with Pickup and Small Tools	hr	25	\$ 40.00	\$ 1,000.00	\$ 125.00	\$ 3,125.00	\$ 75.00	\$ 1,875.00	\$ 150.00	\$ 3,750.00	\$ 97.50	\$ 100.00	\$ 40.00	\$ 150.00
2B	Skilled Laborer with Power Tools	hr	10	\$ 50.00	\$ 500.00	\$ 90.00	\$ 900.00	\$ 50.00	\$ 500.00	\$ 75.00	\$ 750.00	\$ 66.25	\$ 62.50	\$ 50.00	\$ 90.00
3B	Skilled Laborer	hr	25	\$ 20.00	\$ 500.00	\$ 80.00	\$ 2,000.00	\$ 30.00	\$ 750.00	\$ 65.00	\$ 1,625.00	\$ 48.75	\$ 47.50	\$ 20.00	\$ 80.00
4B	Unskilled Laborer	hr	35	\$ 10.00	\$ 350.00	\$ 50.00	\$ 1,750.00	\$ 28.00	\$ 980.00	\$ 55.00	\$ 1,925.00	\$ 35.75	\$ 39.00	\$ 10.00	\$ 55.00
5B	Survey Crew	hr	5	\$ 100.00	\$ 500.00	\$ 110.00	\$ 550.00	\$ 150.00	\$ 750.00	\$ 250.00	\$ 1,250.00	\$ 152.50	\$ 130.00	\$ 100.00	\$ 250.00
6B	Rubber Tired Loader with Operator, 1 to 1-3/4 cy Bucket	hr	10	\$ 300.00	\$ 3,000.00	\$ 125.00	\$ 1,250.00	\$ 125.00	\$ 1,250.00	\$ 150.00	\$ 1,500.00	\$ 175.00	\$ 137.50	\$ 125.00	\$ 300.00
7B	Rubber Tired Loader with Operator, 2-1/4 to 3-1/4 cy Bucket	hr	15	\$ 350.00	\$ 5,250.00	\$ 175.00	\$ 2,625.00	\$ 200.00	\$ 3,000.00	\$ 150.00	\$ 2,250.00	\$ 218.75	\$ 187.50	\$ 150.00	\$ 350.00
8B	Backhoe with Operator, 1-3/4 cy Loader, 1/2 cy Backhoe	hr	10	\$ 150.00	\$ 1,500.00	\$ 50.00	\$ 500.00	\$ 150.00	\$ 1,500.00	\$ 65.00	\$ 650.00	\$ 103.75	\$ 107.50	\$ 50.00	\$ 150.00
11B	Lowboy Tractor with Trailer, 60,000 to 80,000 lb GVW	hr	10	\$ 50.00	\$ 500.00	\$ 125.00	\$ 1,250.00	\$ 125.00	\$ 1,250.00	\$ 150.00	\$ 1,500.00	\$ 112.50	\$ 125.00	\$ 50.00	\$ 150.00
12B	Excavator with Operator	hr	15	\$ 200.00	\$ 3,000.00	\$ 350.00	\$ 5,250.00	\$ 225.00	\$ 3,375.00	\$ 150.00	\$ 2,250.00	\$ 231.25	\$ 212.50	\$ 150.00	\$ 350.00
13B	Dump Truck with Operator	hr	25	\$ 90.00	\$ 2,250.00	\$ 150.00	\$ 3,750.00	\$ 85.00	\$ 2,125.00	\$ 85.00	\$ 2,125.00	\$ 102.50	\$ 87.50	\$ 85.00	\$ 150.00
14B	20-Ton Utility Trailer	hr	10	\$ 10.00	\$ 100.00	\$ 25.00	\$ 250.00	\$ 50.00	\$ 500.00	\$ 30.00	\$ 300.00	\$ 28.75	\$ 27.50	\$ 10.00	\$ 50.00
15B	Sewer Vacuum/Cleaning Truck with Operator	hr	15	\$ 500.00	\$ 7,500.00	\$ 425.00	\$ 6,375.00	\$ 275.00	\$ 4,125.00	\$ 250.00	\$ 3,750.00	\$ 362.50	\$ 350.00	\$ 250.00	\$ 500.00
16B	7,000-Gallon Sewer Tanker Truck with Operator	hr	5	\$ 275.00	\$ 1,375.00	\$ 625.00	\$ 3,125.00	\$ 140.00	\$ 700.00	\$ 350.00	\$ 1,750.00	\$ 347.50	\$ 312.50	\$ 140.00	\$ 625.00
17B	Light Cart, Self Contained Generator	hr	200	\$ 1.00	\$ 200.00	\$ 25.00	\$ 5,000.00	\$ 85.00	\$ 17,000.00	\$ 5.00	\$ 1,000.00	\$ 29.00	\$ 15.00	\$ 1.00	\$ 85.00
18B	Allaying Dust	hr	10	\$ 750.00	\$ 7,500.00	\$ 10.00	\$ 100.00	\$ 65.00	\$ 650.00	\$ 85.00	\$ 850.00	\$ 227.50	\$ 75.00	\$ 10.00	\$ 750.00
19B	Extra Cost for Night Work (8 hours overtime)	night	40	\$ 10.00	\$ 400.00	\$ 625.00	\$ 25,000.00	\$ 950.00	\$ 38,000.00	\$ 1,500.00	\$ 60,000.00	\$ 771.25	\$ 787.50	\$ 10.00	\$ 1,500.00
Total For Schedule B				\$ 35,425.00	\$ 35,425.00	Total	\$ 62,800.00	Total	\$ 78,330.00	Total	\$ 87,225.00	\$ 65,945.00	\$ 70,565.00	\$ 35,425.00	\$ 87,225.00