



	Section A: BID ITEMS - UNDERDRAIN	QTY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	Project Sign	1	LS	\$ 800.00	\$ 800.00		\$ -	\$ 1,833.40	\$ 1,833.40
2	Easement Set-up	10	EA	\$ 1,500.00	\$ 15,000.00		\$ -	\$ 305.57	\$ 3,055.70
3	Root Cutting	500	LF	\$ 14.00	\$ 7,000.00		\$ -	\$ 6.11	\$ 3,055.00
4	Cleaning Video Recording	20000	LF	\$ 2.00	\$ 40,000.00		\$ -	\$ 1.22	\$ 24,400.00
5	Headwall/Upstream Structure Restoration (Grout/Seal)	5	CY	\$ 2,108.00	\$ 10,540.00		\$ -	\$ 1,222.26	\$ 6,111.30
6	Outfall Concrete Restoration	50	CY	\$ 2,208.00	\$ 110,400.00		\$ -	\$ 488.90	\$ 24,445.00
7	Clean and Paint Tideflex Valve	20	EA	\$ 1,940.00	\$ 38,800.00		\$ -	\$ 886.14	\$ 17,722.80
	<b>Light Cleaning (0-9% accumulated debris vs. pipe volume)</b>								
8	≤12" Diameter Pipe	500	LF	\$ 2.00	\$ 1,000.00		\$ -	\$ 2.44	\$ 1,220.00
9	15" Diameter Pipe	1000	LF	\$ 2.00	\$ 2,000.00		\$ -	\$ 6.11	\$ 6,110.00
10	18" Diameter Pipe	1000	LF	\$ 3.00	\$ 3,000.00		\$ -	\$ 7.33	\$ 7,330.00
11	24" Diameter Pipe	1000	LF	\$ 3.00	\$ 3,000.00		\$ -	\$ 9.78	\$ 9,780.00
12	30" Diameter Pipe	1000	LF	\$ 4.00	\$ 4,000.00		\$ -	\$ 12.22	\$ 12,220.00
13	36" Diameter Pipe	1000	LF	\$ 5.00	\$ 5,000.00		\$ -	\$ 17.11	\$ 17,110.00
14	42" Diameter Pipe	1000	LF	\$ 6.00	\$ 6,000.00		\$ -	\$ 18.33	\$ 18,330.00
15	48" Diameter Pipe	1000	LF	\$ 9.00	\$ 9,000.00		\$ -	\$ 22.00	\$ 22,000.00
16	54" Diameter Pipe	1000	LF	\$ 12.00	\$ 12,000.00		\$ -	\$ 26.89	\$ 26,890.00
17	60" Diameter Pipe	1000	LF	\$ 18.00	\$ 18,000.00		\$ -	\$ 30.55	\$ 30,550.00
	<b>Medium Cleaning (10-29% accumulated debris vs. pipe volume)</b>								
18	≤12" Diameter Pipe	250	LF	\$ 2.00	\$ 500.00		\$ -	\$ 4.89	\$ 1,222.50
19	15" Diameter Pipe	500	LF	\$ 3.00	\$ 1,500.00		\$ -	\$ 7.33	\$ 3,665.00
20	18" Diameter Pipe	500	LF	\$ 3.00	\$ 1,500.00		\$ -	\$ 8.56	\$ 4,280.00
21	24" Diameter Pipe	500	LF	\$ 3.00	\$ 1,500.00		\$ -	\$ 11.00	\$ 5,500.00
22	30" Diameter Pipe	500	LF	\$ 4.00	\$ 2,000.00		\$ -	\$ 14.67	\$ 7,335.00
23	36" Diameter Pipe	500	LF	\$ 5.00	\$ 2,500.00		\$ -	\$ 19.55	\$ 9,775.00
24	42" Diameter Pipe	500	LF	\$ 7.00	\$ 3,500.00		\$ -	\$ 20.78	\$ 10,390.00
25	48" Diameter Pipe	500	LF	\$ 12.00	\$ 6,000.00		\$ -	\$ 26.89	\$ 13,445.00
26	54" Diameter Pipe	500	LF	\$ 18.00	\$ 9,000.00		\$ -	\$ 31.78	\$ 15,890.00
27	60" Diameter Pipe	500	LF	\$ 36.00	\$ 18,000.00		\$ -	\$ 39.11	\$ 19,555.00
	<b>Heavy Cleaning (30% and greater accumulated debris vs. pipe volume)</b>								
28	≤12" Diameter Pipe	200	LF	\$ 3.00	\$ 600.00		\$ -	\$ 6.11	\$ 1,222.00
29	15" Diameter Pipe	500	LF	\$ 3.00	\$ 1,500.00		\$ -	\$ 9.78	\$ 4,890.00
30	18" Diameter Pipe	500	LF	\$ 4.00	\$ 2,000.00		\$ -	\$ 12.22	\$ 6,110.00
31	24" Diameter Pipe	750	LF	\$ 4.00	\$ 3,000.00		\$ -	\$ 14.67	\$ 11,002.50

	Section A: BID ITEMS - UNDERDRAIN	QTY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
32	30" Diameter Pipe	500	LF	\$ 5.00	\$ 2,500.00		\$ -	\$ 18.33	\$ 9,165.00
33	36" Diameter Pipe	750	LF	\$ 5.00	\$ 3,750.00		\$ -	\$ 24.44	\$ 18,330.00
34	42" Diameter Pipe	500	LF	\$ 9.00	\$ 4,500.00		\$ -	\$ 30.55	\$ 15,275.00
35	48" Diameter Pipe	750	LF	\$ 18.00	\$ 13,500.00		\$ -	\$ 34.22	\$ 25,665.00
36	54" Diameter Pipe	500	LF	\$ 36.00	\$ 18,000.00		\$ -	\$ 40.33	\$ 20,165.00
37	60" Diameter Pipe	500	LF	\$ 72.00	\$ 36,000.00		\$ -	\$ 48.89	\$ 24,445.00
	<b>Grand Total Section B</b>				\$ 416,890.00		\$ -		\$ 435,045.20
	Section C: BID ITEMS - Pipe Lining	QTY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	<b>General</b>								
1	Mobilization	1	LS	1541	\$ 1,541.00		\$ -	81422.59	\$ 81,422.59
2	Maintenance of Traffic	1	LS	1466	\$ 1,466.00		\$ -	84683.98	\$ 84,683.98
3	Sediment & Erosion Control	1	LS	1569	\$ 1,569.00		\$ -	6111.3	\$ 6,111.30
4	Portable Project Sign	1	EA	733	\$ 733.00		\$ -	1833.4	\$ 1,833.40
	<b>Clean &amp; Inspect</b>								
1	Light Cleaning - less than 15"	500	LF	\$ 2.00	\$ 1,000.00		\$ -	\$ 4.89	\$ 2,445.00
2	Medium Cleaning - less than 15"	100	LF	\$ 3.00	\$ 300.00		\$ -	\$ 5.50	\$ 550.00
3	Heavy Cleaning - less than 15"	100	LF	\$ 3.00	\$ 300.00		\$ -	\$ 6.11	\$ 611.00
4	Light Cleaning - 15" thru 18"	1500	LF	\$ 3.00	\$ 4,500.00		\$ -	\$ 7.33	\$ 10,995.00
5	Medium Cleaning - 15" thru 18"	100	LF	\$ 3.00	\$ 300.00		\$ -	\$ 7.94	\$ 794.00
6	Heavy Cleaning - 15" thru 18"	100	LF	\$ 4.00	\$ 400.00		\$ -	\$ 9.78	\$ 978.00
7	Light Cleaning - 21" thru 42"	1500	LF	\$ 5.00	\$ 7,500.00		\$ -	\$ 12.22	\$ 18,330.00
8	Medium Cleaning - 21" thru 42"	100	LF	\$ 7.00	\$ 700.00		\$ -	\$ 18.33	\$ 1,833.00
9	Heavy Cleaning - 21" thru 42"	100	LF	\$ 9.00	\$ 900.00		\$ -	\$ 24.44	\$ 2,444.00
10	Light Cleaning - 48" and larger	1200	LF	\$ 12.00	\$ 14,400.00		\$ -	\$ 22.00	\$ 26,400.00
11	Medium Cleaning - 48" and larger	100	LF	\$ 18.00	\$ 1,800.00		\$ -	\$ 30.55	\$ 3,055.00
12	Heavy Cleaning - 48" and larger	100	LF	\$ 36.00	\$ 3,600.00		\$ -	\$ 42.78	\$ 4,278.00
13	Specialty Cleaning - Root Removal	100	LF	\$ 14.00	\$ 1,400.00		\$ -	\$ 6.11	\$ 611.00
14	Specialty Cleaning - Barnacle Removal	100	LF	\$ 72.00	\$ 7,200.00		\$ -	\$ 36.66	\$ 3,666.00
15	Video Cleaning	5000	LF	\$ 2.00	\$ 10,000.00		\$ -	\$ 1.22	\$ 6,100.00
16	Video RICIPP Installation	5000	LF	\$ 2.00	\$ 10,000.00		\$ -	\$ 1.22	\$ 6,100.00
	<b>Furnish and Install RICIPP Lining</b>								
17	Furnish and Install 12" RICIPP Lining (less than 100 LF) (7.5mm)	75	LF	\$ 98.00	\$ 7,350.00		\$ -	\$ 109.23	\$ 8,192.25
18	Furnish and Install 12" RICIPP Lining (100 LF to 400 LF) (7.5mm)	500	LF	\$ 50.00	\$ 25,000.00		\$ -	\$ 88.87	\$ 44,435.00
19	12-inch RICIPP Thickness Variance 1.5 mm	100	LF	\$ 2.00	\$ 200.00		\$ -	\$ 3.67	\$ 367.00

	Section A: BID ITEMS - UNDERDRAIN	QTY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
20	Furnish and Install 15" RICIPP Lining (less than 100 LF) (7.5mm)	75	LF	\$ 106.00	\$ 7,950.00		\$ -	\$ 119.35	\$ 8,951.25
21	Furnish and Install 15" RICIPP Lining (100 LF to 400 LF) (7.5mm)	500	LF	\$ 58.00	\$ 29,000.00		\$ -	\$ 98.07	\$ 49,035.00
22	15-inch RICIPP Thickness Variance 1.5 mm	100	LF	\$ 3.00	\$ 300.00		\$ -	\$ 4.89	\$ 489.00
23	Furnish and Install 18" RICIPP Lining (less than 100 LF) (9mm)	75	LF	\$ 123.00	\$ 9,225.00		\$ -	\$ 141.44	\$ 10,608.00
24	Furnish and Install 18" RICIPP Lining (100 LF to 400 LF) (9mm)	500	LF	\$ 71.00	\$ 35,500.00		\$ -	\$ 118.06	\$ 59,030.00
25	18-inch RICIPP Thickness Variance 1.5 mm	100	LF	\$ 4.00	\$ 400.00		\$ -	\$ 5.50	\$ 550.00
26	Furnish and Install 21" RICIPP Lining (less than 100 LF) (10.5mm)	75	LF	\$ 147.00	\$ 11,025.00		\$ -	\$ 162.97	\$ 12,222.75
27	Furnish and Install 21" RICIPP Lining (100 LF to 400 LF) (10.5mm)	500	LF	\$ 93.00	\$ 46,500.00		\$ -	\$ 138.63	\$ 69,315.00
28	21-inch RICIPP Thickness Variance 1.5 mm	100	LF	\$ 5.00	\$ 500.00		\$ -	\$ 6.11	\$ 611.00
29	Furnish and Install 24" RICIPP Lining (less than 100 LF) (10.5mm)	75	LF	\$ 154.00	\$ 11,550.00		\$ -	\$ 241.32	\$ 18,099.00
30	Furnish and Install 24" RICIPP Lining (100 LF to 400 LF) (10.5mm)	500	LF	\$ 101.00	\$ 50,500.00		\$ -	\$ 199.44	\$ 99,720.00
31	24-inch RICIPP Thickness Variance 1.5 mm	100	LF	\$ 6.00	\$ 600.00		\$ -	\$ 6.72	\$ 672.00
32	Furnish and Install 30" RICIPP Lining (less than 100 LF) (12mm)	75	LF	\$ 185.00	\$ 13,875.00		\$ -	\$ 274.23	\$ 20,567.25
33	Furnish and Install 30" RICIPP Lining (100 LF to 400 LF) (12mm)	500	LF	\$ 129.00	\$ 64,500.00		\$ -	\$ 231.00	\$ 115,500.00
34	30-inch RICIPP Thickness Variance 1.5 mm	100	LF	\$ 6.00	\$ 600.00		\$ -	\$ 7.33	\$ 733.00
35	Furnish and Install 36" RICIPP Lining (less than 100 LF) (15mm)	75	LF	\$ 235.00	\$ 17,625.00		\$ -	\$ 337.41	\$ 25,305.75
36	Furnish and Install 36" RICIPP Lining (100 LF to 400 LF) (15mm)	500	LF	\$ 175.00	\$ 87,500.00		\$ -	\$ 289.60	\$ 144,800.00
37	36-inch RICIPP Thickness Variance 1.5 mm	100	LF	\$ 7.00	\$ 700.00		\$ -	\$ 8.56	\$ 856.00
38	Furnish and Install 42" RICIPP Lining (less than 100 LF) (16.5mm)	75	LF	\$ 286.00	\$ 21,450.00		\$ -	\$ 388.90	\$ 29,167.50
39	Furnish and Install 42" RICIPP Lining (100 LF to 400 LF) (16.5mm)	500	LF	\$ 218.00	\$ 109,000.00		\$ -	\$ 338.55	\$ 169,275.00
40	42-inch RICIPP Thickness Variance 1.5 mm	100	LF	\$ 10.00	\$ 1,000.00		\$ -	\$ 9.78	\$ 978.00
41	Furnish and Install 48" RICIPP Lining (less than 100 LF) (19.5mm)	75	LF	\$ 361.00	\$ 27,075.00		\$ -	\$ 461.00	\$ 34,575.00
42	Furnish and Install 48" RICIPP Lining (100 LF to 400 LF) (19.5mm)	400	LF	\$ 290.00	\$ 116,000.00		\$ -	\$ 407.65	\$ 163,060.00
43	Furnish and Install 48" RICIPP Lining (greater than 400 LF) (19.5mm)	500	LF	\$ 268.00	\$ 134,000.00		\$ -	\$ 279.50	\$ 139,750.00
44	48-inch RICIPP Thickness Variance 1.5 mm	100	LF	\$ 12.00	\$ 1,200.00		\$ -	\$ 12.22	\$ 1,222.00
45	Chemical Grout Crack/Leak Seal	100	LF	\$ 400.00	\$ 40,000.00		\$ -	\$ 22.00	\$ 2,200.00
46	Furnish and Install 60" RICIPP Lining (less than 100 LF) (28.5mm)	100	LF	\$ 554.00	\$ 55,400.00		\$ -	\$ 816.76	\$ 81,676.00
47	Furnish and Install 60" RICIPP Lining (100 LF to 400 LF) (28.5mm)	100	LF	\$ 531.00	\$ 53,100.00		\$ -	\$ 630.69	\$ 63,069.00
48	60-inch RICIPP Thickness Variance 1.5 mm	100	LF	\$ 16.00	\$ 1,600.00		\$ -	\$ 15.28	\$ 1,528.00
49	Setup Fee for Installing RICIPP in Easements	5	EA	\$ 3,000.00	\$ 15,000.00		\$ -	\$ 4,277.92	\$ 21,389.60
	<b>Grand Total Section C</b>				\$ 1,064,834.00		\$ -		\$ 1,661,190.62
	Section D: BID ITEMS - Barnacle Cleaning	QTY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	<b>General</b>								
1	Project Sign	1	LS	\$ 733.00	\$ 733.00		\$ -		\$ -

	Section A: BID ITEMS - UNDERDRAIN	QTY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
2	Easement Set-up	10	EA	\$ 1,500.00	\$ 15,000.00		\$ -		\$ -
3	Root Cutting	500	LF	\$ 14.00	\$ 7,000.00		\$ -		\$ -
4	Cleaning Video Recording	5000	LF	\$ 2.00	\$ 10,000.00		\$ -		\$ -
5	Headwall/Upstream Structure Restoration (Grout/Seal)	5	CY	\$ 2,208.00	\$ 11,040.00		\$ -		\$ -
6	Outfall Concrete Restoration	50	CY	\$ 2,208.00	\$ 110,400.00		\$ -		\$ -
7	Clean and Paint Tideflex Valve	20	EA	\$ 1,940.00	\$ 38,800.00		\$ -		\$ -
8	Mobilization	1	LS	\$ 900.00	\$ 900.00		\$ -		\$ -
9	Maintenance of Traffic	1	LS	\$ 1,500.00	\$ 1,500.00		\$ -		\$ -
	<b>Barnacle Removal</b>								
1	Barnacle Removal Pipe Diamemter 0"-24"	1000	LF	101	\$ 101,000.00	150	\$ 150,000.00		\$ -
2	Barnacle Removal Pipe Diamemter 25"-36"	1000	LF	112	\$ 112,000.00	175	\$ 175,000.00		\$ -
3	Barnacle Removal Pipe Diamemter 37"-48"	1000	LF	126	\$ 126,000.00	200	\$ 200,000.00		\$ -
4	Barnacle Removal Pipe Diamemter 49"-60"	1000	LF	144	\$ 144,000.00	225	\$ 225,000.00		\$ -
	<b>Grand Total Section D</b>				\$ 678,373.00		\$ 750,000.00		\$ -