

## BOND ESTIMATE CALCULATION SHEET

Project Name: \_\_\_\_\_

Project ID #: \_\_\_\_\_

Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
<b>WATER MAIN:</b>					
1a	4" DI Pipe		LF	\$ 48.00	\$ -
1b	6" DI Pipe		LF	\$ 60.00	\$ -
1c	8" DI Pipe		LF	\$ 72.00	\$ -
1d	10" DI Pipe		LF	\$ 84.00	\$ -
1e	12" DI Pipe		LF	\$ 96.00	\$ -
1f	16" DI Pipe		LF	\$ 120.00	\$ -
1g	20" DI Pipe		LF	\$ 132.00	\$ -
1h	24" DI Pipe		LF	\$ 156.00	\$ -
1i	30" DI Pipe		LF	\$ 180.00	\$ -
<b>VALVE:</b>					
2a	4" or 6" Gate		Each	\$ 800.00	
2b	8", 10" or 12" Gate		Each	\$ 2,000.00	
2c	16" or 20" Butterfly		Each	\$ 4,500.00	
2d	24" or 30" Butterfly		Each	\$ 6,500.00	
<b>HYDRANTS:</b>					
3	Hydrant Installation		Each	\$ 3,500.00	
<b>CONNECTIONS TO EXISTING BLOW OFFS:</b>					
4a	4" thru 12" Pipe		Each	\$ 1,500.00	
4b	16" thru 30" Pipe		Each	\$ 3,000.00	
<b>CUT INS TO EXISTING MAINS:</b>					
5a	6" thru 12" Existing Main		Each	\$ 4,000.00	
5b	16" thru 30" Existing Main		Each	\$ 6,000.00	
<b>WET TAP OF EXISTING MAINS:</b>					
6a	6" thru 12" Existing Main		Each	\$ 6,000.00	
6b	16" thru 30" Existing Main		Each	\$ 12,000.00	
<b>SERVICES:</b>					
7a	1" Service Line		Each	\$ 1,000.00	
7b	1 1/2" or 2" Service Line		Each	\$ 2,000.00	
7c	3" and Larger Service Line		Each	\$ 15,000.00	
<b>BLOW OFFS/AIR RELEASES:</b>					
8a	Temporary Blow Off Installation		Each	\$ 2,500.00	
8b	Air Release Installation		Each	\$ 3,500.00	
<b>TRENCHLESS CROSSINGS:</b>					
9a	16" or 20" Casing		LF	\$ 800.00	
9b	24" or 30" Casing		LF	\$ 1,000.00	
9c	36" or 42" Casing		LF	\$ 1,400.00	
9d	48" thru 60" Casing or Tunnel		LF	\$ 1,800.00	
<b>PAVEMENT:</b>					
10	Pavement Restoration		LF	45.00	

OTHER:					
11a	Additional Pavement Restoration				
11b					
11c					
11d					
<b>WATER TOTAL:</b>					<b>\$ -</b>

Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
<b>8" SANITARY SEWER:</b>					
12a	Less than 10' Deep Pipe		LF	\$ 50.00	\$ -
12b	10' to 20' Deep Pipe		LF	\$ 100.00	
<b>10" SANITARY SEWER:</b>					
13a	Less than 10' Deep Pipe		LF	\$ 60.00	
13b	10' to 20' Deep Pipe		LF	\$ 110.00	
<b>12" SANITARY SEWER:</b>					
14a	Less than 10' Deep Pipe		LF	\$ 70.00	
14b	10' to 20' Deep Pipe		LF	\$ 120.00	
<b>16" SANITARY SEWER:</b>					
15a	Less than 10' Deep Pipe		LF	\$ 80.00	
15b	10' to 20' Deep Pipe		LF	\$ 150.00	
<b>20" SANITARY SEWER:</b>					
16a	Less than 10' Deep Pipe		LF	\$ 90.00	
16b	10' to 20' Deep Pipe		LF	\$ 160.00	
<b>24" SANITARY SEWER:</b>					
17a	Less than 10' Deep Pipe		LF	\$ 100.00	
17b	10' to 20' Deep Pipe		LF	\$ 170.00	
<b>30" SANITARY SEWER:</b>					
18a	Less than 10' Deep Pipe		LF	\$ 120.00	
18b	10' to 20' Deep Pipe		LF	\$ 200.00	
<b>36" SANITARY SEWER:</b>					
19a	Less than 10' Deep Pipe		LF	\$ 150.00	
19b	10' to 20' Deep Pipe		LF	\$ 220.00	
<b>MANHOLES:</b>					
20a	4' ID, 6' Depth		Each	\$ 3,000.00	
20b	4' ID, Above 6'		VF	\$ 350.00	
20c	5' ID, 6' Depth		Each	\$ 3,500.00	
20d	5' ID, Above 6'		VF	\$ 500.00	
20e	Core Bore Existing Manhole		Each	\$ 2,000.00	
<b>TRENCHLESS CROSSINGS:</b>					
21a	30" to 42" Casing		LF	\$ 1,200.00	
21b	48" to 60" Casing or Tunnel		LF	\$ 1,800.00	
<b>MISCELLANEOUS:</b>					
22a	Lateral Spur		Each	\$ 1,500.00	
22b	Concrete Encasement		LF	\$ 150.00	
22c	Pavement Restoration		LF	\$ 65.00	
<b>OTHER:</b>					
23a	Additional Pavement Restoration				
23b					\$ -

23c					\$	-	
					\$	-	
<b>SEWER TOTAL:</b>						\$	-

<b>Bond Estimate Calculation Sheet</b>	
Water Total:	
Sewer Totoal:	
Subtotal (Water + Sewer):	
10% Contingencies:	
Subtotal:	
20% Overhead, Legal, Administration:	
<b>Total Bond Amount:</b>	