



Small Works Project; 2009 Sewer CIPP Rehab

ENGINEER'S ESTIMATE & TABULATION

Item No.	Description	Units	Quantity	ENGINEER'S ESTIMATE		1 Michels Corporation		2 Insituform Technologies, Inc.		Average Bid not incl. Engr. Est.	
				Unit Price	Contract Amount	Unit Price	Contract Amount	Unit Price	Contract Amount	Unit Price	Contract Amount
SCHEDULE A - Bastyr											
Cost per LF (w/tax) #REF!											
1	Mobilization	LS	1	\$ 7,500.00	\$ 7,500.00	\$ 8,530.00	\$ 8,530.00	\$ 1,600.00	\$ 1,600.00	\$ 5,065.00	\$ 5,065.00
2	8" Cured In-Place Pipe	LF	804	\$ 65.00	\$ 52,260.00	\$ 28.00	\$ 22,512.00	\$ 39.00	\$ 31,356.00	\$ 33.50	\$ 26,934.00
3	8" PVC Sewer, ASTM 3034	LF	10	\$ 250.00	\$ 2,500.00	\$ 5.00	\$ 50.00	\$ 90.00	\$ 900.00	\$ 47.50	\$ 475.00
4	Epoxy Manhole Lining	EA	1	\$ 3,500.00	\$ 3,500.00	\$ 2,887.00	\$ 2,887.00	\$ 5,500.00	\$ 5,500.00	\$ 4,193.50	\$ 4,193.50
5	Drop Manhole Connection	EA	1	\$ 4,500.00	\$ 4,500.00	\$ 886.00	\$ 886.00	\$ 1,600.00	\$ 1,600.00	\$ 1,243.00	\$ 1,243.00
6	Connection to Existing Sewer System	EA	1	\$ 6,500.00	\$ 6,500.00	\$ 2,053.00	\$ 2,053.00	\$ 2,150.00	\$ 2,150.00	\$ 2,101.50	\$ 2,101.50
7	Foundation Gravel (if required)	TN	5	\$ 30.00	\$ 150.00	\$ 22.00	\$ 110.00	\$ 42.50	\$ 212.50	\$ 32.25	\$ 161.25
8	Crushed Rock	TN	10	\$ 35.00	\$ 350.00	\$ 55.00	\$ 550.00	\$ 42.50	\$ 425.00	\$ 48.75	\$ 487.50
9	Import Backfill Gravel (if required)	TN	20	\$ 25.00	\$ 500.00	\$ 22.00	\$ 440.00	\$ 42.50	\$ 850.00	\$ 32.25	\$ 645.00
10	Trench Safety System	LS	1	\$ 1,500.00	\$ 1,500.00	\$ 432.00	\$ 432.00	\$ 106.00	\$ 106.00	\$ 269.00	\$ 269.00
11	TESC	LS	1	\$ 1,500.00	\$ 1,500.00	\$ 2,160.00	\$ 2,160.00	\$ 212.50	\$ 212.50	\$ 1,186.25	\$ 1,186.25
12	General Restoration	LS	1	\$ 4,500.00	\$ 4,500.00	\$ 165.00	\$ 165.00	\$ 212.50	\$ 212.50	\$ 188.75	\$ 188.75
SUBTOTAL					\$ 85,260.00		\$ 40,775.00		\$ 45,124.50		\$ 42,949.75

SCHEDULES B, C, and D											
Cost per LF (w/tax) \$ 35.61											
1	Mobilization	LS	1	\$ 8,500.00	\$ 8,500.00	\$ 2,785.00	\$ 2,785.00	\$ 1,600.00	\$ 1,600.00	\$ 2,192.50	\$ 2,192.50
2	8" Cured In-Place Pipe	LF	1,199	\$ 60.00	\$ 71,940.00	\$ 27.00	\$ 32,373.00	\$ 47.00	\$ 56,353.00	\$ 37.00	\$ 44,363.00
3	12" Cured In-Place Pipe	LF	167	\$ 70.00	\$ 11,690.00	\$ 54.00	\$ 9,018.00	\$ 76.50	\$ 12,775.50	\$ 65.25	\$ 10,896.75
4	General Restoration	LS	1	\$ 1,500.00	\$ 1,500.00	\$ 250.00	\$ 250.00	\$ 200.00	\$ 200.00	\$ 225.00	\$ 225.00
SUBTOTAL					\$ 93,630.00		\$ 44,426.00		\$ 70,928.50		\$ 57,677.25

SUMMARY OF BID					
SUBTOTAL, SCHEDULE "A" Sewer		\$ 85,260.00	\$ 40,775.00	\$ 45,124.50	\$ 42,949.75
SUBTOTAL, SCHEDULES "B", "C", and "D" Sewer		\$ 93,630.00	\$ 44,426.00	\$ 70,928.50	\$ 57,677.25
SUBTOTAL BID		\$ 178,890.00	\$ 85,201.00	\$ 116,053.00	\$ 100,627.00
SALES TAX @ 9.5%		\$ 16,994.55	\$ 8,094.10	\$ 11,025.04	\$ 9,559.57
TOTAL BID		\$ 195,884.55	\$ 93,295.10	\$ 127,078.04	\$ 110,186.57