

Cost Estimate - Collection System

Item #	Activity	2nd Concession Road	South Shore Road	Lower Road	Front Road	Stella Road	Total
1	Mobilization and Indirects - Avertex	\$46,518	\$19,706	\$22,306	\$13,708	\$62,763	\$165,000
	Trenching and boring						
2	Soil Trenching - Single collector circuit	\$160,820	\$0	\$0	\$133,386	\$0	\$294,206
3	Rock trenching - Single collector circuit	\$0	\$126,945	\$173,394	\$0	\$0	\$300,339
4	Soil Trenching - Double collector circuit	\$226,321	\$0	\$0	\$0	\$129,326	\$355,648
5	Directional Boring - Soil	\$19,758	\$0	\$0	\$0	\$49,128	\$68,886
6	Directional Boring - Rock	\$382,728	\$232,740	\$258,600	\$116,370	\$1,000,776	\$1,991,214
7	Excavate Rock in Pits - JBs and Splice Pits	\$20,057	\$5,014	\$0	\$0	\$5,014	\$30,086
8	Additional for Bollards for JBs	\$12,796	\$3,199	\$0	\$0	\$3,199	\$19,194
9	Jetting of fibre with in 32mm HDPE	\$32,331	\$4,613	\$6,342	\$12,982	\$18,854	\$75,122
	Splicing						
10	MV Cable Shield Break Splice - 4/0 AWG	\$9,960	\$0	\$0	\$9,960	\$0	\$19,920
11	MV Cable Shield Break Splice - 500mcm	\$5,392	\$0	\$5,392	\$0	\$0	\$10,784
12	MV Cable Shield Break Splice - 1250mcm A	\$7,582	\$7,582	\$0	\$0	\$30,326	\$45,490
13	Fibre 2-4way Splice c/w Hand Hole - 24F (J)	\$12,744	\$3,186	\$0	\$0	\$3,186	\$19,116
	Collector Cable Supply Costs						
14	4/0 AWG 35 kV Cable	\$203,346	\$0	\$58,671	\$120,020	\$0	\$382,037
15	500 kcmil 35 kV cable	\$79,443	\$47,616	\$0	\$0	\$85,619	\$212,679
16	1250 kcmil 35 kV cable	\$100,229	\$0	\$0	\$0	\$400,914	\$501,143
17	Fiber cable	\$14,349	\$2,049	\$2,816	\$5,761	\$8,365	\$33,341
18	Contingency	\$266,875	\$90,530	\$105,504	\$82,438	\$359,494	\$904,841
	Totals	\$1,554,731	\$523,473	\$610,719	\$480,917	\$2,094,203	\$5,264,044