

## Opinion of Construction Costs

## Remington Industrial Road

ITEM	OPSS	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL
1	201	<b>Site Preparation</b> a) Clearing & Grubbing	sq. m	2,980	\$14.00	\$41,720.00
2	206 MUNI 209 MUNI	<b>Fill Material</b> a) Road Fill	cu.m.	12,000	\$35.00	\$420,000.00
3	206 MUNI 209 MUNI	<b>Excavation</b> a) Rock (includes blasting)	cu.m.	10,680	\$120.00	\$1,281,600.00
		b) Earth (in situ)	cu.m.	2,700	\$42.00	\$113,400.00
		c) Trench Rock	cu.m.	320	\$500.00	\$160,000.00
4	310	<b>Asphalt</b> a) Surface (40mm)	tonne	875	\$230.00	\$201,250.00
		b) Base (100mm)	tonne	2,200	\$225.00	\$495,000.00
		c) Boulevard (50mm)	sq. m	2,760	\$56.00	\$154,560.00
5	314	<b>Granular Material</b> a) Granular 'A' Crushed	tonne	3,100	\$31.00	\$96,100.00
		b) Granular 'B' Quarried, Type II	tonne	11,500	\$29.50	\$339,250.00
6	353	<b>Concrete Curb and Gutter System</b> Standard Gutter GSSD 600.010	m	1,400	\$200.00	\$280,000.00
7	405	<b>Pipe Subdrain (150 mm)</b> GSSD 225.010	m	1,400	\$60.00	\$84,000.00
8	353	<b>Concrete Sidewalk</b> GSSD 310.010	sq. m	2,100	\$200.00	\$420,000.00
9	407	<b>Concrete Structure MH for Storm Sewers</b> c/w Frame & Cover OPSD 401.010, Type 'A' 1200mm MH - OPSD 701.010	v.m.	22	\$4,200.00	\$92,400.00
10	407	<b>Concrete CB Structure for Storm Sewers</b> c/w Frame & Cover OPSD OPSD 705.010	v.m.	11	\$2,300.00	\$25,300.00
11	407	<b>Concrete DCB Structure for Storm Sewers</b> c/w Frame & Cover OPSD OPSD 705.020	v.m.	9	\$8,200.00	\$73,800.00
12	410 MUNI	<b>Storm Sewer Mains</b> 150 mm dia., Type _____	m	11	\$225.00	\$2,475.00
		300 mm dia., Type _____	m	152	\$925.00	\$140,600.00
		450 mm dia., Type _____	m	235	\$1,100.00	\$258,500.00
		600 mm dia., Type _____	m	15	\$1,300.00	\$19,500.00
13		<b>Pond Surface Treatments</b> a) Clay Liner	sq.m	6,750	\$20.00	\$135,000.00
		b) Topsoil and Sod	sq.m	6,750	\$35.00	\$236,250.00
14	407	<b>Concrete Headwall Storm Sewers</b> OPSD 701.010	each	3	\$20,000.00	\$60,000.00
15		<b>Engineering (15%)</b>	L.S.	1	\$769,605.75	\$769,605.75
16		<b>GSU Hydro Light Installation</b>	L.S.	1	\$950,000.00	\$950,000.00
17		<b>Contingency Items 1-16 (10%)</b>	L.S.	1	\$685,031.08	\$685,031.08

SUBTOTAL PART A

\$7,535,341.83

## Opinion of Construction Costs

## Remington Industrial Road

ITEM	OPSS	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL
18	206 MUNI	<b>Excavation</b> a) Trench Rock	cu.m.	1,730	\$500.00	\$865,000.00
19	407	<b>Concrete MH Structure for Sanitary Sewers</b> c/w Frame & Cover OPSD 401.010, Type 'A' 1200mm MH - OPSD 701.010	v.m.	22	\$7,500.00	\$165,000.00
20	410 MUNI	<b>Sanitary Sewer Mains</b> 200 mm dia., Type _____	m	495	\$1,310.00	\$648,450.00
21	410 MUNI	<b>Sanitary Sewer Service Connections</b> GSSD 1006.020 100 mm dia.	m	100	\$360.00	\$36,000.00
22	441	<b>Watermains (including fittings)</b> 250 mm dia., Type _____	m	530	\$1,300.00	\$689,000.00
23	441	<b>Watermain Service Connections</b> GSSD 1104.010 20 mm dia. Copper	m	100	\$450.00	\$45,000.00
24	441	<b>Hydrant Sets (includes bends, corrosion protection, tees, lead, valves and valve boxes)</b> GSSD 1105.010	each	6	\$10,000.00	\$60,000.00
25	441	<b>Gate Valve</b> GSSD 1105.010	each	4	\$850.00	\$3,400.00
26		<b>Engineering (15%)</b>	L.S.	1	\$376,777.50	\$376,777.50
27		<b>GSU Hydro Overhead Service Installation</b>	L.S.	1	\$750,000.00	\$750,000.00
28		<b>Contingency Items 18-26 (10%)</b>	L.S.	1	\$288,862.75	\$288,862.75

SUBTOTAL PART B

\$3,927,490.25

TOTAL PART A &amp; B

\$11,462,832.08