



C1 LRT GREENBORO TO BAYVIEW 7800

WBS #	Item	Quantity	Units	Unit Cost	Total
10	Property and Right of Way				
10.1	Property Acquisition				
10.2	ROW Preparation				
10.3	Property Maintenance				
10.4	Recovery				
10.99	Contingency				
		WBS 10	Subtotal		\$ -
20.6.01	Clearing & Removals				
	New corridor	7800	m	\$ 375.00	\$ 2,925,000.00
20.6.02	Grading				
	Fill	200000	m3	\$ 20.00	\$ 4,000,000.00
	Ex	300000	m3	\$ 22.50	\$ 6,750,000.00
	Rock Ex	60000	m3	\$ 85.00	\$ 5,100,000.00
20.6.03	Drainage & Erosion Control				
	ditching	65	m	\$ 175.00	\$ 11,375.00
20.6.04	SWM Facility				
20.6.05	Running Surface				
	Tracks	7,800	m	\$ 1,215.00	\$ 9,477,000.00
	Crossings	1	each	\$ 50,000.00	\$ 50,000.00
	Turnout	2	each	\$ 500,000.00	\$ 1,000,000.00
	fencing	15,600	m	\$ 80.00	\$ 1,248,000.00
	roadwork	1	LS	\$ 700,000.00	\$ 700,000.00
20.6.06	Utilities				
	relocation	1	LS	\$ 5,615,000.00	\$ 5,615,000.00
20.6.07	Structures				
	Walkley Diamond	500	m2	\$ 3,500.00	\$ 1,750,000.00
	Walkley Road	1	LS	\$ 75,000.00	\$ 75,000.00
	Sawmill Creek	2,500	m2	\$ 3,500.00	\$ 8,750,000.00
	Southeast Transitway	400	m2	\$ 3,500.00	\$ 1,400,000.00
	Ellwood Diamond	500	m2	\$ 3,500.00	\$ 1,750,000.00
	Heron Road	825	m2	\$ 2,500.00	\$ 2,062,500.00
	Rideau River	600	m2	\$ 4,000.00	\$ 2,400,000.00
	Pedestrian Underpass - Carleton Uni	100	m2	\$ 2,500.00	\$ 250,000.00
	Pedestrian Underpass - Carleton Station	100	m2	\$ 2,500.00	\$ 250,000.00
	Dow's Lake Tunnel	580	m	\$ 26,500.00	\$ 15,370,000.00
	Hwy 417 Modifications	1	LS	\$ 200,000.00	\$ 200,000.00
	Grade Separate Transitway	860	m2	\$ 3,500.00	\$ 3,010,000.00
		WBS 20	Subtotal		\$ 74,143,875.00
FACILITIES					
30.1	Storage Yards, Maintenance				
30.2	Stations				
	Greenboro	1	each	\$ 3,300,000.00	\$ 3,300,000.00
	Walkley	1	each	\$ 3,300,000.00	\$ 3,300,000.00
	Confederation	1	each	\$ 3,300,000.00	\$ 3,300,000.00
	Carleton	1	each	\$ 3,300,000.00	\$ 3,300,000.00
	Carling	1	each	\$ 3,300,000.00	\$ 3,300,000.00
	Gladstone	1	each	\$ 3,300,000.00	\$ 3,300,000.00
	Somerset	1	each	\$ 3,300,000.00	\$ 3,300,000.00
	Bayview transfer (7M LRT-LRT, 5M Otrain-LRT, 3M LRT-Tway)	1	each	\$ 7,000,000.00	\$ 7,000,000.00
30.3	Associated Works				
	relocate existing track	7800	m	\$ 300.00	\$ 2,340,000.00
30.4	Park and Ride Lots				
		WBS 30	Subtotal		\$ 32,440,000.00
40	Traction Power System				
45.3.01	Traction Power	7800	m	\$ 1,350.00	\$ 10,530,000.00
45.3.02	Power Supply	7800	m	\$ 1,000.00	\$ 7,800,000.00
45.3.03	Sub-stations	7800	m	\$ 1,200.00	\$ 9,360,000.00
		WBS 40	Subtotal		\$ 27,690,000.00
50	Train Control System				
50.3.01	Control / Signals	7800	m	\$ 1,500.00	\$ 11,700,000.00
50.3.02	Communication System	7800	m	\$ 750.00	\$ 5,850,000.00
		WBS 50	Subtotal		\$ 17,550,000.00
SECTION TOTAL					\$ 151,823,875.00
Engineering & Project Management		15%			\$ 22,773,581.25
TOTAL					\$ 174,597,456.25
		30%			\$ 52,379,236.88
TOTAL					\$ 226,976,693.13