

PRELIMINARY COST ESTIMATE

2312390 Ontario Limited
 Town of Halton Hill Aurora
 Client:
 Municipal: Town of Halton Hills
 Project No. 12-031

12-031

Sept. 5, 2004

Site Preparation, Siltation Controls and Earthworks	Quantity	Unit	Unit Price	Total
- Access Gate	1	L.s.	\$ 8,000.00	\$ 8,000.00
- Tree Clearing and grubbing.	1	L.s.	\$ 20,000.00	\$ 20,000.00
- Tree preservation fencing.	1	L.m.	\$ 15,000.00	\$ 15,000.00
- Single Siltation Fence	281.5	L.m.	\$ 39.00	\$ 10,978.50
- Double Siltation Fence	225	L.m.	\$ 60.00	\$ 13,500.00
- 18" Filtrexx Siltsoxx	459	L.m.	\$ 25.00	\$ 11,475.00
- Mud Mat	1	Each	\$ 15,000.00	\$ 15,000.00
- Topsoil stripping and stock pile on site	3000	Cu.m.	\$ 7.50	\$ 22,500.00
- Strip and remove top soil off site	5000	Cu.m.	\$ 40.00	\$ 200,000.00
- Site Cut/Fill operations	13600	Cu.m.	\$ 7.50	\$ 102,000.00
- Removal of material off-site	13000	Cu.m.	\$ 35.00	\$ 455,000.00
- Supply and Place erosion blanket	2500	Sq.m	\$ 15.00	\$ 37,500.00
- Sediment Traps	2	Each	\$ 5,000.00	\$ 10,000.00
- Hickenbottoms	2	Each	\$ 1,500.00	\$ 3,000.00
- Temporary ditch	80	L.m.	\$ 25.00	\$ 2,000.00
- Rock check dams	20	Each	\$ 550.00	\$ 11,000.00
- Rip-Rap	50	Sq.m.	\$ 125.00	\$ 6,250.00
			Sub-Total	\$ 910,953.50
Sanitary Sewer System				
<i>Internal</i>				
- 150 mm dia. Sanitary Sewer System PVC	657.81	L.m.	\$ 375.00	\$ 246,678.75
- 1200mm dia precast manhole	15.00	Each	\$ 12,500.00	\$ 187,500.00
- Allowance for connection	1	Each	\$ 4,500.00	\$ 4,500.00
			Sub-Total	\$ 438,678.75
<i>External</i>				
- 200 mm dia. Sanitary Sewer System PVC	432.46	L.m.	\$ 525.00	\$ 227,041.50
- 1200mm dia precast manhole	4.00	Each	\$ 12,500.00	\$ 50,000.00
- allowance to connect	1	Each	\$ 4,500.00	\$ 4,500.00
			Sub-Total	\$ 281,541.50
				\$ 720,220.25
Storm Sewer System				
- 900 mm dia. Storm Sewer conc	9.4	L.m.	\$ 1,900.00	\$ 17,860.00
- 750 mm dia. Storm Sewer conc	306.29	L.m.	\$ 950.00	\$ 290,975.50
- 525 mm dia. Storm Sewer conc	261.8	L.m.	\$ 550.00	\$ 144,012.00
- 450 mm dia. Storm Sewer conc	73.3	L.m.	\$ 500.00	\$ 36,630.00
- 375 mm dia. Storm Sewer PVC	130.3	L.m.	\$ 350.00	\$ 45,594.50
- 200 mm dia. Storm Sewer PVC	22.3	L.m.	\$ 275.00	\$ 6,118.75
- 1200mm dia precast manhole	14.0	Each	\$ 8,000.00	\$ 112,000.00
- 1500mm dia precast manhole	3.0	Each	\$ 9,500.00	\$ 28,500.00
- 1800mm dia precast manhole	4.0	Each	\$ 11,000.00	\$ 44,000.00
- precast concrete single catchbasins	12.0	Each	\$ 3,500.00	\$ 42,000.00
- precast concrete double catchbasins	6.0	Each	\$ 5,500.00	\$ 33,000.00
- precast ditch inlet catch basins	1.0	Each	\$ 4,000.00	\$ 4,000.00
- precast total capture catchbasins	2.0	Each	\$ 8,500.00	\$ 17,000.00
- Concrete Headwalls	2.0	Each	\$ 12,500.00	\$ 25,000.00
- OGS-2 - CDS	1.0	Each	\$ 65,000.00	\$ 65,000.00
- Greenstorm Chamber	1.0	Each	\$ 450,000.00	\$ 450,000.00
- Infiltration Trenches - with subdrain		L.m.	\$ 85.00	\$ -
			Sub-Total	\$ 1,343,830.75

Water Distribution System	Quantity	Unit	Unit Price	Total
- 200 mm dia. W/M PVC c/w fittings	794.0	L.m.	\$ 275.00	\$ 218,350.00
- 300 mm dia main line valves and boxes	2.0	Each	\$ 4,500.00	\$ 9,000.00
- 200 mm dia main line valves and boxes	13	Each	\$ 3,500.00	\$ 45,500.00
- Fire hydrants	6	Each	\$ 7,500.00	\$ 97,500.00
- 50 mm dia main line valves and boxes		Each	\$ 850.00	\$ -
- Allowance for connection to existing mains	1	Each	\$ 7,500.00	\$ 7,500.00
- chlorination and commissioning allowance	1	L.s.	\$ 15,000.00	\$ 15,000.00
- flushing and monitoring program	1	L.s.	\$ 30,000.00	\$ 30,000.00
- sampling station	1	L.s.	\$ 15,000.00	\$ 15,000.00
			Sub-Total	\$ 437,850.00

Service Connections	Quantity	Unit	Unit Price	Total
- Sanitary single service Connections	82	Each	\$ 2,000.00	\$ 164,000.00
- Storm single Service Connections	82	Each	\$ 2,000.00	\$ 164,000.00
- 25mm dia. Single copper water services	82	Each	\$ 1,500.00	\$ 123,000.00
			Sub-Total	\$ 451,000.00

Base Roadworks	Quantity	Unit	Unit Price	Total
Area:		Sq.m.		
-fine grading R.O.W.	7384.5	Sq.m.	\$ 2.50	\$ 18,461.25
-adjusting single CB (base course).	32.0	Each	\$ 600.00	\$ 19,200.00
-adjusting doublecatch basins (base course).	6.0	Each	\$ 950.00	\$ 5,700.00
-adjusting total capture catchbasins (base course).	2.0	Each	\$ 1,200.00	\$ 2,400.00
-adjusting MH (base course).	16.0	Each	\$ 600.00	\$ 9,600.00
-300 mm thick 50mm dia. Crusher-run or Granular A	6840.0	Sq.m.	\$ 27.00	\$ 184,680.00
-150 mm thick 20mm dia. Crusher-run or granular B	6840.0	Sq.m.	\$ 15.00	\$ 102,600.00
- base stage curb and gutter	1600.0	L.m.	\$ 145.00	\$ 232,000.00
- 50mm thick HL-8 asphalt	5661.5	Sq.m.	\$ 29.00	\$ 164,182.05
- Retaining Wall		Sq.m.	\$ 495.00	\$ -
- chain link fences		l.m.	\$ -	\$ -
			Sub-Total	\$ 738,823.30

Finish Roadworks	Quantity	Unit	Unit Price	Total
<i>Internal</i>				
-second stage base curb	1600.0	L.m.	\$ 95.00	\$ 152,000.00
-adjusting single CB (top course).	18.0	Each	\$ 550.00	\$ 9,900.00
-adjusting double CB (top course).	6.0	Each	\$ 800.00	\$ 4,800.00
-adjusting MH (top course).	32.0	Each	\$ 500.00	\$ 16,000.00
-tack coat placement	5661.5	Sq.m.	\$ 2.00	\$ 11,322.90
-top asphalt course	904.0	Tonnes	\$ 155.00	\$ 140,123.10
- 1.5 m wide conc sidewalk	757.5	L.m.	\$ 200.00	\$ 151,500.00
- signage and pavement markings	1.0	L.sum	\$ 10,000.00	\$ 10,000.00
			Sub-Total	\$ 485,646.00

TOTAL PRELIMINARY COST ESTIMATE:* \$ 5,088,323.80

Note: * Excluding landscaping, Hydro supply and Street lifgting