

CREUS Engineering Ltd

Civil Engineers

Cost Estimate

Project: 3707 Dollarton Highway

File: 09105

Subject: Onsite Cost Estimate

Date: 25-Jul-13

ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL
1.0	EARTHWORKS / SITE PREP				
1.1	Mob/ Demob	1	l.s.	\$30,000	\$30,000
1.2	Sediment & Erosion Control	1	l.s.	\$5,000	\$5,000
1.3	Demolition and Removal	2	ea.	\$10,000	\$20,000
1.4	Clearing & Grubbing	4,300	sq.m.	\$7	\$30,100
1.5	Stripping c/w Removal Offsite	960	cu.m.	\$40	\$38,400
1.6	Earthworks	230	cu.m.	\$10	\$2,300
1.7	Import/Place Fill	3,460	cu.m.	\$35	\$121,100
				SUBTOTAL	\$246,900
2.0	ROADWORKS				
2.1	Road incl Pavers	610	sq.m.	\$115	\$70,150
2.2	Curb & Gutter	120	l.m.	\$100	\$12,000
2.3	Bio Swale	30	l.m.	\$60	\$1,800
2.4	Allan Block Retaining wall	228	sq.m.	\$350	\$79,800
2.5	Concrete wall & stairs in cul-de-sac			see DNA	
2.6	Waterfront seat wall			see DNA	
2.7	Waterfront granite faced wall	50	l.m.	\$250	\$12,500
2.8	Waterfront allan block wall	35	sq.m.	\$300	\$10,500
2.9	Pedestrian Bridge			see DNA	
3.0	Concrete Stairs	55	l.m.	\$100	\$5,500
				SUBTOTAL	\$192,250
3.0	WATER				
3.1	100mm Watermain	70	l.m.	\$300	\$21,000
3.2	Service Connections	7	ea.	\$1,000	\$7,000
				SUBTOTAL	\$28,000
4.0	SANITARY				
4.1	50mm Sanitary Forcemain	60	l.m.	\$200	\$12,000
4.2	Service Connections c/w Checkvalves	5	ea.	\$4,500	\$22,500
4.3	Service Connections	2	ea.	\$1,500	\$3,000
4.4	Tie into Existing Main	2	ea.	\$5,000	\$10,000
4.5	Metro Vancouver Vent Pipe	1	l.s.	\$4,000	\$4,000
				SUBTOTAL	\$51,500
5.0	STORM				
5.1	300mm Storm Sewer	40	l.m.	\$350	\$14,000
5.2	250mm Storm Sewer	45	l.m.	\$325	\$14,625
5.3	Inlet/Outlet Structure	2	ea.	\$3,000	\$6,000
5.4	Catchbasin	1	ea.	\$2,000	\$2,000
5.5	Service Connection c/w I.C.	7	ea.	\$1,500	\$10,500
5.6	150mm Perforated	64	l.m.	\$75	\$4,800
				SUBTOTAL	\$51,925
6.0	OUTSIDE UTILITIES				
6.1	Hydro/Tel (Civil Portion)	70	l.m.	\$200	\$14,000
6.2	Hydro/Tel Dollarton Crossing	1	l.s.	\$10,000	\$10,000
				SUBTOTAL	\$ 570,575.00
				CONTINGENCY (25%)	\$ 142,643.75
				TOTAL	\$ 713,218.75
				GST	\$ 35,660.94
				TOTAL with GST	\$ 748,879.69