

SCHEDULE 1 - LABOUR, MATERIAL PLANT AND/OR EQUIPMENT

Form of Tender Contract Package 1 - Repair to Wharf Substructure Components						
Item	Description	Class of Labour, Materials, Plant and/or Equip.	Quantity	Unit	Unit Price	Amount
1	Mobilization & Demobilization		1	LS		
1.0 Lions Gate Dock Repairs						
1.1	Replace Cap and Install New Posts on CIP Sonatube Footings		1	LS		
1.2	Fresh Head and Install Corbel		1	LS		
1.3	Fresh Head and Install Double Corbel		1	LS		
1.4	Install Steel Bands		2	Each		
Subtotal						
2.0 Lions Gate Dock Concrete Beam Repair						
2.1 Option A - not jacking the beam						
2.1.1	Investigation, Survey, and Corbel Shop Drawing Preparation		1	LS		
2.1.2	Corbel Material Supply and Fabrication		1	LS		
2.1.3	Corbel Shipping and Erection		1	LS		
2.1.4	Removal of Cracked concrete and corrosion damaged rebar		1	LS		
2.1.5	Repair interface preparation		1	LS		
2.1.6	Replacement of corroded rebar		1	LS		
2.1.7	Forming and grouting for repair		1	LS		
Subtotal						
2.2 Option B - jacking the beam						
2.2.1	Investigation, Survey, and Corbel Shop Drawing Preparation		1	LS		
2.2.2	Corbel Material Supply and Fabrication		1	LS		
2.2.3	Corbel Shipping and Erection		1	LS		
2.2.4	Removal of Cracked concrete and corrosion damaged rebar		1	LS		
2.2.5	Repair interface preparation		1	LS		
2.2.6	Replacement of corroded rebar		1	LS		
2.2.7	Forming and grouting for repair		1	LS		
Subtotal						
2.3 Provisional Item						
2.3.1	Concrete beam repair crack injection		1	LS		
3.0 Bridge Dock						
3.1	Install Channel Patch		1	LS		
3.2	Move Large Boulder, Install Steel Angle Brackets w/ Lag Bolts to Prevent Shifting		1	LS		
3.2	Install Steel Bands		7	LS		
3.4	Fill Undermined Concrete Abutment w/ CIP Concrete		1	LS		
Subtotal						

CMHC Granville Island – Repair of Marine Works ITT, File #201500863
 Schedule 1 – Labour, Material Plant and/or Equipment

4.0 West Dock						
4.1	Install Treated Timber Shims		1	LS		
4.2	Install Steel Bands		11	Each		
4.3	Pile/cap connection		1	Each		
4.4	Fresh Head and Install Double Corbel		2	Each		
4.5	Replace Pile		5	Each		
						Subtotal
5.0 Public Market Wharf and Trestle						
5.1	Install Steel Bands		1	LS		
5.2	Fill Undermined Concrete Abutment w/ CIP Concrete		1	LS		
5.3	Fresh Head and Install Additional Corbel		1	LS		
						Subtotal
6.0 Public Market Boardwalk and Sheet Pile Walls						
6.1	Replace Pedestals		1	LS		
6.2	Restore Riprap Slope Protection in Front of Boardwalk		1	LS		
6.3	Restore Riprap Slope Protection in Front of Stairs		1	LS		
						Subtotal
7.0 Northeast Seawall and Boardwalk						
7.1	Install Steel Plate Patch - Pile 79		1	LS		
7.2	Install Steel Plate Patch Pile - 106		1	LS		
						Subtotal
8.0 Pelican Bay Marina Boardwalk Removal						
8.1	Boardwalk Removal		1	LS		
8.2	Lentil Sign Relocation		1	LS		
						Subtotal
9.0 Cathodic Protection						
9.1	Cathodic Protection of All Outboard Pipe Piles		165	Each		
						Subtotal
10.0 Maritime Market Boardwalk						
10.1	Remove riprap and fill that is in conflict with existing dock.		1	LS		
						Subtotal
						Subtotal Repairs, using Option A for Lions Gate Beam Repair
						Subtotal Repairs, using Option B for Lions Gate Beam Repair
						Contingency (15%) Option A
						Contingency (15%) Option B
						Total - Option A
						Total - Option B
						Total - Provisional Items