

ITEM NO.	DESCRIPTION	SPEC NO.	EST. QTY.	UNIT	UNIT PRICE	AMOUNT
PART A : NORTH AND EAST HARBOUR WALLS						
GENERAL AND MARINE WORKS						
A1	Site Preparation and Maintenance	SECTION 02070	1	LS		
A2	Pre-Condition Survey	SECTION 02070	1	LS		
A3	Removals and Salvage	SECTION 02070	1	LS		
A4	Excavation and Grading	SECTION 02223	1	LS		
A5	SSP wall (Z75)	SECTION 02366	338	m		
A6	Clear Stone Fill Between Walls and Under Walkway	SECTION 02270	3800	tonnes		
A7	Concrete cap	SECTION 03300	338	m		
A8	Outlet Connection to SSP Wall (1200mm Dia. or Less)	SECTION 02366, 02275 & 05501	1	EA		
A9	Box Culvert Connection to SSP Wall (Approx. 2400 x 1500)	SECTION 02366, 02275 & 05501	1	EA		
A10	Granular A Under Concrete	1010	560	tonnes		
A11	Concrete Walkways and Seating Areas	SECTION 03300 SP3	1295	m ²		
A12	Restoration and Re-installation of Metal Railing and Posts	SECTION 02070 & 05501	260	m		
A13	New Double Level Removable Chain Between Open Sections of Railing North Wall	SECTION 02070 & 05501	12	Each		
A14	Restoration of Bike Path					
	a) Asphalt Path 3.0m wide (HL3F and Granular A)	SP4	422	tonne		
	b) Barrier Curb	SP3	232	m		
A15	Restoration of Asphalt in East Parking Lot and South End of East Wall					
	a) HL8	SP4	400	tonne		
	b) Granular A and B Base	SECTION 02223	1000	tonne		
A16	Restoration of Curb in East Parking Lot Adjacent to Walkway	SP3	80	m		
A17	Topsoil and Sod between North Wall and Bike Path	SECTION 02487	800	m ²		
A19	New Molok Waste Units	SECTION 02070	10	Each		

A20	Restore Lighted Heritage Harbour Signs	SECTION 02070 & 05501	2	Each		
A21	Restoration of Staging Area	SECTION 02070	1	LS		
CIVIL WORKS						
A22	Creek By-Pass Pumping and Flow Control	SP1	1	LS		
A23	Removal of Existing Reinforced CIP Box Culvert Structure	510, SP	11.20	m		
A24	CB Shields in Existing Structures					
	a) Single Catchbasin	SP1	4	Each		
	b) Double Catchbasin	SP1	1	Each		
A25	Earth Excavation for Concrete Box Culvert	206, SP1	100%	LS		
A26	2400mm x 1500mm Concrete Box Culvert, Incl. Bedding and Backfill , Connection to Harbour Wall and Existing Box Culvert, and Dewatering	422, 824, SP1	11.60	m		
A27	Culvert Waterproofing	SP1	40.0	m ²		
A28	Abandon Existing 1200mm Storm Sewer on Division Street, Cap and Grout	SP1	100%	LS		
A29	Abandon Existing 600mm Overflow Outlet from Division Street Pump House, Cap and Grout	SP1	100%	LS		
A30	Removal of Existing Storm Structures (Maintenance Holes and Catchbasins)	510, SP1	3	Each		
A31	Removal of Existing Storm Sewer, 600mm dia. Concrete Force Main	510, SP1	12.00	m		
A32	Excavate for Utility Verification	SP1	3	Each		
A33	1500mm Dia. Storm MH to Intercept 600mm Overflow Outlet from Pump House (OPSD 701.011), Incl. Check Valve on 600mm Inlet	402, 407 SP1	1	Each		
A34	600 mm x 600 mm Catch Basin (OPSD 705.010)	402, 407 SP1	2	Each		
A35	3000mm x 3000mm Square Storm Chamber (Approx. 3m depth)	402, 407 SP1	1	Each		
A36	300 mm PVC Storm Sewers, DR 35, incl. Excavation, Granular 'A' Embedment and Approved Native Backfill	401, 409, 410, SP1	41.6	m		
A37	600 mm dia. CP Storm Sewers, 100D, incl. Excavation, Embedment	401, 409, 410, SP1	21.3	m		

	and Granular 'B', Type I Backfill					
A38	600 mm dia. AWWA C-302 Storm Sewers, incl. Excavation, Embedment and Granular 'B', Type I Backfill	401, 409, 412, SP1	5.0	m		
A39	1200 mm dia. CP Storm Sewers, 100D, incl. Excavation, Embedment and Granular 'B', Type I Backfill	401, 409, 410, SP1	33.2	m		
A40	Clear Stone (19 mm) Bedding for Storm Sewer (Provisional)	1001, SP1	50.0	m ³		
A41	CB Shields in New Structures	SP1	2	Each		
A42	Restoration of All Other Existing Conditions	SECTION 02070	1	LS		
A43	Removal of Existing Storm Sewer, 1200mm Dia. CP Northeast Outlet (Provisional)	510, SP1	16	m		
Total Part A (Carried to Summary)						
PART B: FUEL DOCK						
ITEM NO.	DESCRIPTION	SPEC NO.	EST. QTY.	UNIT	UNIT PRICE	AMOUNT
B1	Site Preparation and Maintenance	SECTION 02070	1	LS		
B2	Removals and Salvage	SECTION 02070	1	LS		
B3	Excavation and Grading	SECTION 02223	1	LS		
B4	SSP wall (Z75)	SECTION 02366 & 05501	70	m		
B5	Clear Stone Fill Between Walls and Under Walkway	SECTION 02270	1200	tonnes		
B6	Concrete cap	SECTION 03300	70	m		
B7	Outlet Attachments to SSP Wall (1200mm Dia. or Less)	SECTION 02366, 02275 & 05501	1	EA		
B8	Fuel Line Removal and Reinstatement	SECTION 02070	1	LS	\$4,497.58	\$4,497.58
B9	Granular A Under Concrete	1010	130	tonnes		
B10	New Concrete Walkway	SECTION 03300 SP3	350	m ²		
B11	Topsoil and Sod Between Fuel Dock and Third St.	SECTION 02487	800	m ²		
B12	New Molok Waste Units	SECTION 02070	2	Each		
B14	New Barrier to match North/East wall posts and railing	SECTION 02070 & 05501	70	m		
CIVIL WORKS						

B16	Removal of Existing Storm Sewer, 1050mm Dia. CP	510, SP	7.00	m		
B17	1050mm Dia. Concrete Storm Sewer, 100D, Incl. Connection to Existing Structure and New Harbour Wall	401, 409, 410, SP	7.30	m		
B18	Restoration of All Other Existing Conditions	SECTION 02070	1	LS		
Total Part B (Carried to Summary)						
PART C: CENTER PIER						
ITEM NO.	DESCRIPTION	SPEC NO.	EST. QTY.	UNIT	UNIT PRICE	AMOUNT
C1	Site Preparation and Maintenance	SECTION 02070	1	LS		
C2	Removals and Salvage	SECTION 02070	1	LS		
C3	Filling of Voids with Clear Stone	SECTION 02223	50	m ³		
C4	Granular A Under Concrete	1010	2	m ³		
C5	SSP wall (L45)	SECTION 02366	15	m		
C6	Concrete Cap	SECTION 03300	16	m		
C7	Restore Interlocking pavement	SP3	1	LS		
C8	Restoration of All Other Existing Conditions	SECTION 02070	1	LS		
Total Part C (Carried to Summary)						
PART D: ELECTRICAL WORKS						
D1	Remove and Salvage Existing Street Lighting					
	a) Street Lighting, Return to Town of Cobourg	106, 610 SP2	1	LS		
	b) Video Security System, including Reinstatement	106, 610 SP	1	LS		
	c) Dock Hydro Supply, Docks A to E, including Reinstatement	106, 610 SP2	1	LS		
	d) Dock Hydro Supply, Docks F and G, including Reinstatement	106, 610 SP2	1	LS		
	e) Head Pump Out and Trash Collations Pump, including Reinstatement	106, 610 SP2	1	LS		
D2	Supply and Install Electrical Pull Boxes	602 SP2	4	Each		
D3	Construct Concrete Pole Base c/w Anchorage Assembly	616, 904, 1350, SP2	18	Each		
D4	Supply and Install Rigid PVC Ducts by Open Cut	401, 492, 603, SP2				
	a) 1-21mm		40.00	m		
	b) 1-50mm		3.00	m		
	c) 1-75mm		150.00	m		
	d) 1-100mm		160.00	m		

D5	Supply and Install Street Lighting and Power Cables	604 SP2				
	a) 3-1/C #6 AWG (Black, Red & White)		302.00	m		
	b) 2-1/C #68AWG (Black & White)		100.00	m		
D6	Supply and Install Ground Cable	609 SP2				
	a) 1-1/C #6 AWG (Insulated)		30.00	m		
	b) 1-1/C #6 AWG (Bare)		20.00	m		
D7	Supply and Install Ground Electrode - plate	SP2	9	Each		
D8	Supply and Install Poles, Bollards, Base Mounted	SP2	22	Each		
D9	Supply and Install LED Luminaires on Pole Top	SP2	18	Each		
D10	Disconnection, Coordination and Electrical Inspections	SP2	1	LS		
Total Part D (Carried to Summary)						
PART E: POVISIONAL ITEMS						
E1	Miscellaneous Works Allowance		1	LS	\$50,000	\$50,000
E2	Testing Allowance		1	LS	\$20,000	\$20,000
Total Part E (Carried to Summary)						

SUMMARY		
		AMOUNT
PART A	NORTH AND EAST HARBOUR WALLS	
PART B	FUEL DOCK	
PART C	CENTER PIER	
PART D	ELECTRICAL WORKS	
PART E	PROVISIONAL ITEMS	
	Sub-Total (Excluding HST)	
	HST (13% OF SUBTOTAL)	
	Total Tender Amount (Including HST)	