

HARBOUR HOUSE SECURITY CALCULATIONS

Project No: 1838-5493
Prepared By: JL'A
Reviewed By: BH
Date: 2021-08-11

Assumptions

- a) All securities required for external public lands associated with this project have been posted under a previous development agreement with the Town for all Shipyards Development Areas save and except those included in this document.
- b) As overburden requirements for the above ground parking area atop the underground parking structure are not yet known at this time a assumed average depth of 150mm "Granular A" has been assumed in addition to the asphalt structure.

ITEM	DESCRIPTION	SECURED QUANTITY	CERTIFIED QUANTITY	UNIT	UNIT PRICE		SECURED TOTAL		CERTIFIED TOTAL		OUTSTANDING WORKS	
	SCHEDULE A - SEDIMENT AND EROSION CONTROLS											
A1	Supply & Install and Maintain Silt sack	3	0	ea	\$	50.00	\$	150.00	\$	-	\$	150.00
					Su	b-Total	\$	150.00	\$	-	\$	150.00
	SCHEDULE B - EXTERNAL CIVIL WORKS											
В1	Construct New Driveways in Public ROW											
a)	Preparation and fine grading of subgrade	41	0	m ²	\$	2.50	\$	102.50	\$	-	\$	102.50
b)	300mm Granular 'B'	38	0	m²	\$	11.00	\$		\$	-	\$	418.00
c)	150mm Granular 'A'	35	0	m²	\$	10.00	\$	350.00		-	\$	350.00
d)	150mm Concrete Pavement	32	0	m²	\$	70.00	\$	2,240.00	\$	-	\$	2,240.00
B2	Supply & Place Concrete Barrier Curb with Standard Gutter (OPSD 600.040)	16	0	m	\$	70.00	\$	1,120.00	\$	-	\$	1,120.00
ВЗ	Supply & Place Depressed Barrier Curb with Standard Gutter (OPSD 350.010)	30	0	m	\$	70.00	\$	2,100.00	\$	-	\$	2,100.00
B4	Remove Existing Curb on Side Launch Way and Heritage Drive site entrances	30	0	m	\$	180.00	\$	5,400.00	\$	-	\$	5,400.00
B5	Supply & Install 3m wide concrete sidewalk	8	0	m	\$	200.00	\$	1,600.00	\$	-	\$	1,600.00
В6	Supply & Install 1.5m wide concrete sidewalk	15	0	m	\$	100.00	\$	1,500.00	\$	-	\$	1,500.00
В7	Remove existing 300mm dia. Storm Stub and replace with 375mm dia. Storm Sewer c/w full road restoration.											
a)	Locate & Remove Existing 300mm dia. Storm Stub	1	0	LS	\$	5,000.00	\$	5,000.00	\$	-	\$	5,000.00
b)	Supply & Install 375mm dia. SDR-35 PVC Storm Sewer c/w road restoration	14	0	m	\$	425.00	\$	5,950.00	\$	-	\$	5,950.00
В8	Remove & Relocate Existing Light Standard at the proposed entrance off Heritage Drive	1	0	LS		10,000.00	·	10,000.00	\$	-	\$	10,000.00
В9	Supply & Install 150mm dia. Ductile Iron Watermain & Gate Valves c/w All Associated Appurtenances	1	0	LS	\$	9,500.00	\$	9,500.00	\$	-	\$	9,500.00
B10	Locate and connect to Existing 150mm dia.Watermain Service Stub	1	0	LS	\$	2,800.00	\$	2,800.00	\$	-	\$	2,800.00
					Su	b-Total	\$	48,080.50	\$	-	\$	48,080.50
	SCHEDULE C - INTERNAL CIVIL WORKS											
C1	Construct New Internal Parking Lot											
a)	200mm Granular 'A'	1080	0	m ²	\$	14.00	\$	15,120.00	\$	-	\$	15,120.00
b)	150mm Concrete Pavement	1080	0	m ²	\$	70.00	\$	75,600.00		-	\$	75,600.00
C2	Supply & Place Concrete Barrier Curb (OPSD 600.110)	155	0	m	\$	70.00	\$	10,850.00		-	\$	10,850.00
C3	Supply & Install concrete sidewalk	410 5	0	m²	\$	70.00 2,500.00	\$	28,700.00		-	\$	28,700.00 12,500.00
C4	Supply & Install 600mm x 600mm Catchbasin	1	0	ea LS	\$	5,700.00	\$	12,500.00 5,700.00	\$	-	\$	5,700.00
C5 C6	Supply & Install Parking Lot Signage & Line Painting Supply & Install Concrete Curb Stops	10	0	ea.	\$	250.00	\$	2,500.00	\$	-	\$	2,500.00
					Su	b-Total	\$	150,970.00	\$	-	\$	150,970.00
	OPINION OF PROBABLE SECURITY COSTS -HARBOURFRONT COLLECTION							IRED TOTAL		RTIFIED OTAL	OI	JISTANDING WORKS
	EXTERNAL WORKS											
	SCHEDULE A - SEDIMENT AND EROSION CONTROLS							150.00	\$	-	\$	150.00
	SCHEDULE B - EXTERNAL CIVIL WORKS							48,080.50	\$	-	\$	48,080.50
	SCHEDULE C - INTERNAL CIVIL WORKS							150,970.00	\$	-	\$	150,970.00
	SUBTOTAL							199,200.50	\$	-	\$	199,200.50
	CONSTRUCTION CONTINGENCY ALLOWANCE (5%)							9,960.03	\$	-	\$	9,960.00
	ENGINEERING (5%)							10,458.03	\$	-	\$	10,458.03
	TOTAL						\$	219,618.55	\$	-	\$	219,618.5
	Town Engineering Administration, Review and Supervision Fee (3%)						\$	6,588.56	\$	-	\$	6,588.56