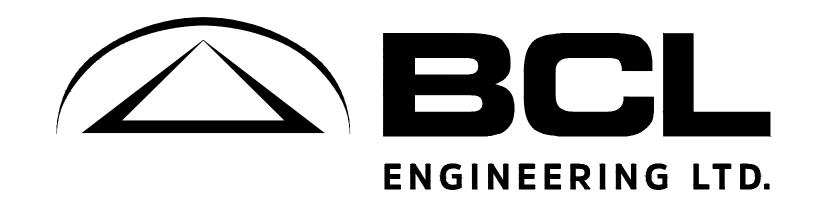


	Item	Unit	Unit Price / Breakdown		Quantity	Total Estimated Costs	
			+ -	- Canao III	Quantity	+	
1.0	WASTE POND					1	
.01	Proposed Waste Pond					٠.	
	General Requirements incl. Mobilization and Site Setup					\$	100,000.0
	Earthwork  Clearing and Grubbing	ha	\$	5,000.00	2.5	\$	12,500.0
	Topsoil Stripping (incl. access road and FM routing)	Cu.M.	\$	4.00	14,000	\$	56,000.0
	Lagoon Subgrade Preparation	Sq.M.	\$	3.00	16,000	\$	48,000.0
	Common Excavation	Cu.M.	\$	12.00	15,000	\$	180,000.0
	Common Excavation to Waste	Cu.M.	\$	10.00	1,500	\$	15,000.0
	HDPE Liner						
	HDPE Liner	Sq.M.	\$	12.00	15,000	\$	180,000.0
	Sand Liner Cover	Cu.M.	\$	20.00	4,500	\$	90,000.0
	Weeping Tile Under Drains  Erosion Protection	Lin.M.	\$	30.00	600	\$	18,000.0
	Coconut Matting	Sq.M.	\$	5.00	5,500	\$	27,500.0
	Topsoil Replacement (incl. access road ditches)	Sq.M.	\$	2.50	12,000	\$	30,000.0
	Seeding (incl. access road ditches)	ha	\$	3,500.00	1.5	\$	5,250.0
	Rip Rap	Sq.M.	\$	100.00	200	\$	20,000.0
	Structures						
	Emergency Overflow Structure	Each	\$	10,000.00	1	\$	10,000.0
	Concrete Influent Pad	Each	\$	10,000.00	1	\$	10,000.0
	Miscellaneous 4-Strand Barbed Wire Fence & Gate	Lin.M.	\$	30.00	700	\$	21,000.0
	Warning Signage	Each	\$	1,500.00	4	\$	6,000.0
	Site Water Management	Lump Sum	+ -	.,200.00	•	\$	75,000.0
		·					,
	SUBTOTAL 1.0 WASTE POND					\$	904,250.00
						_	
2.0	75 mm HDPE Force Main	Lin MA	-	140.00	100	<u> </u>	26.600.0
.01	75 mm HDPE Force Main 75 mm HDPE Bends	Lin.M. Each	\$	140.00 500.00	190 3	\$	26,600.0 1,500.0
	75 mm dia. Gate Valve	Each	\$	2,500.00	2	\$	5,000.00
	75 Hill did. edic valve	Edeii	<del>                                     </del>	2,500.00		+ -	3,000.0
	SUBTOTAL 2.0 CONCENTRATE FORCE MAIN					\$	33,100.00
	ACCESS ROAD & TRUCK TURNAROUND						
.01	Fill Material (excavated from waste pond)	Cu.M.	\$	20.00	1,000	\$	20,000.0
.02	Subgrade Preparation Geotextile	Sq.M. Sq.M.	\$	2.50 8.00	1,700 1,700	\$	4,250.0 13,600.0
.04	Base Course	Cu.M.	\$	75.00	550	\$	41,250.0
.05	Traffic Gravel	Cu.M.	\$	100.00	145	\$	14,500.0
.06	400 mm dia. CSP Culvert	Lin.M.	\$	500.00	12	\$	6,000.00
	SUBTOTAL 3.0 ACCESS ROAD & TRUCK TURNAROUND					\$	99,600.00
4.0	CONCENTRATE DI IMPRINC CTATION						
<b>4.0</b>	CONCENTRATE PUMPING STATION  Concentrate Pumping Station	Lump Sum				\$	50,000.00
.01	Tie-in to Existing WTP Sump Line	Each	\$	2,500.00	1	\$	2,500.0
.03	Tie-in to Old WTP (Generator Building) Sump Drain Line	Each	\$	2,500.00	1	\$	2,500.0
	3, 1						
	SUBTOTAL 4.0 CONCENTRATE PUMPING STATION					\$	55,000.00
	MISSELLANDOUS		-				
5.0	MISCELLANEOUS	C M	<u> </u>	50.00	100	<u> </u>	F 000 0
.01	Unstable Subgrade Boulder Removal	Cu.M. Cu.M.	\$	50.00 50.00	100 100	\$	5,000.0 5,000.0
רח	Tools & Equipment	Prime Sum	+	30.00	100	\$	5,000.0
.02	1 · · - or — of or for · · · or · ·		-			\$	15,000.0
.02 .03	Material Testing	Prime Sum					25,000.0
.03	Material Testing Site Security	Prime Sum Prime Sum				\$	23,000.0
.03 .04	Site Security						
.03 .04						\$ <b>\$</b>	·
.03 .04 .05	SUBTOTAL 5.0 MISCELLANEOUS					\$	55,000.00
.03 .04 .05	Site Security  SUBTOTAL 5.0 MISCELLANEOUS  WASTE POND					\$	55,000.00 904,250.00
.03 .04 .05	Site Security  SUBTOTAL 5.0 MISCELLANEOUS  WASTE POND CONCENTRATE FORCE MAIN					\$ \$	55,000.00 904,250.00 33,100.00
.03 .04 .05	Site Security  SUBTOTAL 5.0 MISCELLANEOUS  WASTE POND					\$	55,000.00 904,250.00 33,100.00 99,600.00 55,000.00
.03 .04 .05 1.0 2.0 3.0	Site Security  SUBTOTAL 5.0 MISCELLANEOUS  WASTE POND  CONCENTRATE FORCE MAIN  ACCESS ROAD & TRUCK TURNAROUND					\$ \$ \$	55,000.00 904,250.00 33,100.00 99,600.00



## THUNDERCHILD FIRST NATION

## TURTLE LAKE SITE 115C WTP PROCESS WASTE POND

ISC PROJECT No. AT507

DRAWING INDEX

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CONCENTRATE PUMPING STATION
AND FORCE MAIN

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09 ELECTRICAL

