

CLASS 'A' COST ESTIMATE	CLIENT: Community and Government Services, Government of Nunavut									BASIS FOR ESTIMATE:					
	PROJECT: Arviat Water Supply Filtration System, 07-8254					PREPARED BY: N. Corina Peach			ISSUE DATE: April 8, 2008			Target Year: 2008-09			
	PLANT: Water Treatment Plant					CHECKED BY: Gary Strong			REVISION DATE: April 24, 2008			Estimation Year: 2008			
	REFERENCE: Various					STATUS: Final			PAGE: 3 of 3			Annual Inflation Rate: 2%			

DIRECT COSTS

DESCRIPTION OF EQUIPMENT	MANUFACTURER & SUPPLIER INFORMATION			QUANTITY		PURCHASE (FOB) COST				INSTALLATION COST		GENERAL CONTRACTOR MARK-UP 10%	SUB-CONTRACTOR MARK-UP		TOTAL INSTALLED COST
	MANUFACTURER	SUPPLIER	LOCATION	NO.	UNITS	UNIT PRICE	NET PRICE	0.0% PST	FOB FACTORY	FACTOR	COST		FACTOR	COST	
						A	B	C	D = B + C	E	F = D x E		G = D x 10%	H	
Laboratory Equipment & Spare Parts															
Laboratory Equipment															\$5,231.69
Spare Parts															\$77,838.37
Sub-Total of Lab Equipment & Spare Parts															\$83,070.06
Total of Equipment Costs							\$115,002.54	\$0.00	\$115,002.54	40%	\$46,001.02	\$11,500.25	\$6.90	\$17,250.38	\$299,125.66
CONSTRUCTION															
Building Envelope															\$340,208.20
Site & Earthworks															\$0.00
Structural & Architectural															\$0.00
Total of Construction Costs															\$340,208.20
TOTAL OF DIRECT COSTS															\$639,333.86

INDIRECT COSTS

ITEM	FACTOR	COST
Mobilization & Demolization	3%	\$19,180.02
Insurance & Bonds	5%	\$31,966.69
Startup and Commissioning		\$69,820.00
Contingency	20%	\$127,866.77
TOTAL OF INDIRECT COSTS		\$248,833.48

NOTES:

- 1) Cost quoted for PVC Scheule 80 pipe are list price per 100 ft despite the length required for actual pipe installed.
Total length of 75 mm PVC Sch 80 is approx. 6-10 ft and 100 mm PVC Sch 80 is approx. 132 ft.
- 2) Spare Parts costs incorporate a 10% markup.
- 3) Sump Pump unit price is estimated.

GRAND TOTAL	\$888,167.34
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