

PROPOSAL

SEASON 2010 WASTE MANAGEMENT AND MISCELLANEOUS WORK

Presented to:



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QIKIQTAALUK ENVIRONMENTAL

JUNE 2010

SEASON 2010

WASTE MANAGEMENT AND MISCELLANEOUS WORK

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June 2010

1. INTRODUCTION

Qikiqtaaluk Environmental Inc. (QE), founded in 2003, is a consulting and engineering firm specializing in environmental site assessment and remediation, hazardous materials management, training and waste management. QE's team of experienced and qualified engineers, scientists, and technicians has carried out hundreds of projects across Canada, many in remote locations. Balancing local traditional knowledge with technical expertise QE provides holistic solutions to a wide range of environmental problems. Also, all QE engineers are registered with the Association of Professional Engineers, Geologists and Geophysicists of the Northwest Territories & Nunavut (NAPEGG). QE is a subsidiary of Qikiqtaaluk Corporation (QC), the wholly Inuit owned birthright development corporation of the Baffin region in Nunavut. QC was established in 1983 to manage economic development on behalf of the Qikiqtani Inuit Association (QIA). QC is involved in offshore fishing, DEW Line site clean up, environmental management services, mineral development activities, helicopter operations, petroleum distribution, and real estate construction management activities.

2. SCOPE OF WORK

This project will be invoiced in two phases. BIM can provide only one Purchase Order for the two phases.

PHASE 1 (off-site work)	PHASE 2 (on-site waste management)
<ul style="list-style-type: none">- Coordination- Expertise, consulting and technical advise on different subjects (i.e. ash sampling procedure)- All other related work	<ul style="list-style-type: none">- Field work- Disposal cost- All other related expenses



3. COST

PHASE 1 (off-site work)

Item	Unit price
Coordination	105,00\$ / hour
Expertise, consulting and technical advise	105,00\$ / hour
Transport	0,5\$ / KM
Other expenses	Cost + 10%

Estimated budget: 25 hours

Total: 2625, 00\$

PHASE 2 (on-site work)

Item	Unit price
Field work	950,00\$ / day
Disposal cost	See Appendix 1
Coordination from the Port of Valleyfield	750,00\$ / day
Other expenses	Cost + 10%

Field work: 14 days x 950, 00\$

Coordination at the port: 3 days x 750, 00\$

Plane ticket: 3500, 00\$

Disposal cost: 311 418, 00\$*

Total: 330 468, 00\$

*If the ash is disposed off-site.



ESTIMATED 2010: DISPOSAL COST



Baffinland Iron Mines Corp.

Disposal of Hazardous waste

Type of Waste	Package	Inventory	Cost (BIM)	Total	Note
Mix fuel (water, diesel, jet fuel)	Drum	150	170,10 \$	25 515,00 \$	
Contaminated water (Oily)	Drum	75	134,40 \$	10 080,00 \$	
Waste oil	Pail	75	47,25 \$	3 543,75 \$	
Waste Oil	Drum	35	78,75 \$	2 756,25 \$	
Waste Oil	Tote	3	225,00 \$	675,00 \$	
Calcium chloride	Quatrex	50	491,40 \$	24 570,00 \$	3 drills will be running
Contaminated soil (HC)	Quatrex	15	165,90 \$	2 488,50 \$	
Crushed drums (oily content)	Pallet strapped	70	75,00 \$	5 250,00 \$	
Oil filter	Drum	30	181,65 \$	5 449,50 \$	
Absorbent pads	Drum	30	175,00 \$	5 250,00 \$	
Waste grease	Pail	27	52,00 \$	1 404,00 \$	
Waste grease	Drum	15	170,10 \$	2 551,50 \$	
Waste Gasoline	Drum	25	170,10 \$	4 252,50 \$	
Anti-freeze	Drum	15	152,25 \$	2 283,75 \$	
Empty 5 G. pail (with residus)	Quatrex	15	275,00 \$	4 125,00 \$	
Mixed waste	Drum	25	225,00 \$	5 625,00 \$	
Batterie	Quatrex	3	375,00 \$	1 125,00 \$	
Aerosols	Drum	3	266,70 \$	800,10 \$	
Total				105 819,75 \$	
Contingency (15%)				15 872,96 \$	
Total (with contingency)				121 692,71 \$	

Disposal of Ash

Type of Waste	Package	Inventory	Cost (BIM)	Total	Note
Ash	Quatrex	215	491,40 \$	105 651,00 \$	Considering 650 drums / 3

Disposal of ash - field work

Work on-site (1 technician)	Rate	Total
12	950,00 \$	11 400,00 \$

Disposal of ash - purchase of Quatrex

Quatrex	Rate*	Total
215	195,00 \$	41 925,00 \$

*Average price Including shipping

General field work & Other expenses

Work on-site (2 technicians, 10 days each)	Rate	Total
20	950,00 \$	19 000,00 \$

Coordination (from Port of Valleyfield)	Rate	Total
5	750,00 \$	3 750,00 \$

Other expenses (2 technicians)	Rate	Total
Plane ticket & meals	4 000,00 \$	8 000,00 \$

TOTAL

Cost for disposal (excluding ash)	121 692,71 \$
Cost for disposal of ash**	158 976,00 \$
Field work, coordination at the port and other expenses	30 750,00 \$
	311 418,71 \$

**Including field work and packages