CAM-F Intermediate DEW Line Site Cleanup in Nunavut
From Procurement to Project Completion

Sylvain Laberge, Jared Buchko, Mark Yetman, Roland Merkoski, Jean-Pierre Pelletier and Yvan Pouliot

Presenters: Jean-Pierre Pelletier & Matthew McElwaine
CAM-F Intermediate DEW Line Site Cleanup in Nunavut - From Procurement to Project Completion

- Proposal and Contract Management
  - INAC Priorities
  - Proposal Evaluation
  - Management of Additional Work
- Site History and Location
- Project Summary
  - Overland Winter Roads
  - On-Site Activities
  - Health and Safety
- Inuit Perspective
  - Inuit Ways
  - Local Benefits
INAC PRIORITIES

• Reduce environmental liability associated with northern contaminated sited to an acceptable level
• Maximize aboriginal participation and benefits realized by local northern people, business and communities during the environmental site assessment and remediation efforts
• Ensure good value to the Crown for all projects executed with public funding
INAC SAYS:

• Clean it up
• Maximize Aboriginal benefits
• Ensure value to the Canadian Taxpayer
PROPOSAL AND CONTRACT MANAGEMENT

EVALUATE PROPOSALS

PROPOSAL EVALUATION

COST
100%
EVALUATE PROPOSALS

PROPOSAL EVALUATION POINTS

- PROPOSAL CONTENT: 60%
- COST: 40%

PROPOSAL AND CONTRACT MANAGEMENT
PROPOSAL AND CONTRACT MANAGEMENT

PROPOSAL EVALUATION

PROPOSAL EVALUATION POINTS

- Technical: 20%
- Aboriginal Content: 20%
- Management: 20%
- Cost: 40%
# PAW Table

Listed in the Basis of Payment

<table>
<thead>
<tr>
<th>Labor</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Extended Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreman</td>
<td>hour</td>
<td>$60.45</td>
<td>50</td>
<td>$3,022.50</td>
</tr>
<tr>
<td>Operator</td>
<td>hour</td>
<td>$45.20</td>
<td>100</td>
<td>$4,520.00</td>
</tr>
<tr>
<td>Laborer</td>
<td>hour</td>
<td>$25.29</td>
<td>200</td>
<td>$5,058.00</td>
</tr>
<tr>
<td><strong>Equipment</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tracked Excavator</td>
<td>hour</td>
<td>$125.00</td>
<td>50</td>
<td>$6,250.00</td>
</tr>
<tr>
<td>Dump Truck</td>
<td>hour</td>
<td>$80.00</td>
<td>50</td>
<td>$4,000.00</td>
</tr>
<tr>
<td>Compactor</td>
<td>hour</td>
<td>$65.00</td>
<td>50</td>
<td>$3,250.00</td>
</tr>
<tr>
<td><strong>Materials</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soil Sack</td>
<td>unit</td>
<td>$50.00</td>
<td>20</td>
<td>$1,000.00</td>
</tr>
<tr>
<td>Sea Container</td>
<td>unit</td>
<td>$1,000.00</td>
<td>2</td>
<td>$2,000.00</td>
</tr>
</tbody>
</table>

Total $29,100.50
PROPOSAL AND CONTRACT MANAGEMENT

Potential Additional Work (PAW)
PROPOSAL AND CONTRACT MANAGEMENT

---

### TASK AUTHORIZATION

**Restoration of Barca Lake (CAM-F)**

**Contract No.: E0211-0453XX.00.00XXX**

**Project No.: 4668424/17225**

You are authorized to carry out the work described below in accordance with the Basis of Pricing and on the Terms and Conditions of the referenced contract.

<table>
<thead>
<tr>
<th>Contrator’s Name &amp; Address</th>
<th>Send Invoice To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biogenie S.R.D.C. Inc.</td>
<td>PUBLIC WORKS &amp; GOVERNMENT SERVICES CANADA</td>
</tr>
<tr>
<td>P.O. Box 280</td>
<td>5th Fl., 10025 Jasper Avenue</td>
</tr>
<tr>
<td>Edminton, AB. T5J 1S8</td>
<td>Edmonton, AB. T5J 1S8</td>
</tr>
<tr>
<td>Tel: (867) 970-5990</td>
<td>Attention: Jared Buchko</td>
</tr>
<tr>
<td>Fax: (867) 970-2296</td>
<td>Tel: (780) 497-3988</td>
</tr>
<tr>
<td></td>
<td>Fax: (780) 497-3842</td>
</tr>
</tbody>
</table>

#### Goods and Services Tax (GST)

- **Note:** Quote Contract Number and Project Number on your invoice

<table>
<thead>
<tr>
<th>Previous Value</th>
<th>Value (Exc. or Incl. Tax)</th>
<th>Tax incl. exc. or rev. list and exp.</th>
</tr>
</thead>
<tbody>
<tr>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
</tbody>
</table>

---

**Excavation and disposal of the additional contamination discovered at the west end of the barrel cache.**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Labour / Material Category</th>
<th>Effort (hrs.) / Actual Cost</th>
<th>Unit Price</th>
<th>Extended Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Labour</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Foreman (Field Supervision)</td>
<td>4</td>
<td>$60.45</td>
<td>$241.80</td>
</tr>
<tr>
<td></td>
<td>Operator</td>
<td>4</td>
<td>$45.20</td>
<td>$180.80</td>
</tr>
<tr>
<td></td>
<td>Labourer</td>
<td>4</td>
<td>$25.25</td>
<td>$101.00</td>
</tr>
<tr>
<td>2</td>
<td>Equipment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tracked Excavator</td>
<td>4</td>
<td>$135.00</td>
<td>$540.00</td>
</tr>
<tr>
<td></td>
<td>Dump Truck</td>
<td>8</td>
<td>$80.00</td>
<td>$640.00</td>
</tr>
<tr>
<td></td>
<td>Compactor</td>
<td>8</td>
<td>$65.00</td>
<td>$520.00</td>
</tr>
<tr>
<td>3</td>
<td>Materials</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Soil Sack</td>
<td>5</td>
<td>$55.00</td>
<td>$275.00</td>
</tr>
<tr>
<td></td>
<td>Sea Container</td>
<td>1</td>
<td>$1,000.00</td>
<td>$1,000.00</td>
</tr>
</tbody>
</table>

**Work will be completed on or before August 2007**

**Sub-Total:** $3,432.78

**Overhead and Profit on Disbursements & Sub-Contractors @ 15%:** $475.50

**Total:** $3,908.28

Authorized by the PWGSC Project Manager:

- **Total Price (before taxes):** $3,921.26
- **GST/HST Amount:** $217.28
- **Total Extended Price:** $3,889.98

---

Jared Buchko, or Designate (+ $10,000.00 - GST Extra)
NCSC Manager, Controlling Services or Designate (+ $100/Unit)

---

*Biogenie*

---

**Public Works and Government Services Canada**

**Travaux Publics et Services gouvernementaux Canada**

---

**UMA**

---

**AECOM**
Site Location and History
Site Location and History

- Iqaluit
- CAM-F
- Hall Beach
- Kuujjuaq
- 850 Km
Site Location and History

• CAM-F is one of the 13 DEW Line Radar Stations located within the Qikiqtaaluk Region of Nunavut

• One of the 4 landlocked Stations (FOX-3, FOX-B and CAM-D are the other three)
Air Distance: Hall Beach – CAM-F: 85 km
Mobilization: Sealift and CAT-Train Route

Total CAT-Train Distance: Hall Beach – CAM-F: 125 km
The Construction Camp
Debris Collection
Debris in and around Sarcpa Lake
Building Demolition
Non-Hazardous Waste Landfill
Secured Soil Disposal Facility
On-Site Health and Safety
Inuit Ways
Life at the Camp
Local Benefits

- Employment: 110 workers from Hall Beach and Igloolik
- Contracts: 2/3 of the project cost injected in Northern Economy
- Training Provided:
  - Workplace Hazardous Material Information System
  - Inuit Supervisor course
  - HAZWOPER
  - Transportation of Dangerous Goods
  - Heavy Equipment Operation and Maintenance
  - Standard First Aid and CPR
  - Camp Cooking
- Renovation of the Inuit House
CAM-F Intermediate DEW Line Site Cleanup in Nunavut
From Procurement to Project Completion

Sylvain Laberge, Jared Buchko, Mark Yetman, Roland Merkoski, Jean-Pierre Pelletier and Yvan Pouliot

Presenters: Jean-Pierre Pelletier & Matthew McElwaine