

**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
**Bid Receiving - PWGSC / Réception des  
soumissions - TPSGC**  
**11 Laurier St. / 11, rue Laurier**  
**Place du Portage, Phase III**  
**Core 0A1 / Noyau 0A1**  
**Gatineau, Québec K1A 0S5**  
**Bid Fax: (819) 997-9776**

**REQUEST FOR PROPOSAL  
DEMANDE DE PROPOSITION**

**Proposal To: Public Works and Government  
Services Canada**

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

**Proposition aux: Travaux Publics et Services  
Gouvernementaux Canada**

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

**Comments - Commentaires**

<b>Title - Sujet</b> Drum Washer Crusher System	
<b>Solicitation No. - N° de l'invitation</b> K4A22-130900/A	<b>Date</b> 2013-11-08
<b>Client Reference No. - N° de référence du client</b> K4A22-130900	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$HN-445-63864	
<b>File No. - N° de dossier</b> hn445.K4A22-130900	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2013-12-23</b>	
<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Daylight Saving Time EDT	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Ladouceur, Joanne M.	<b>Buyer Id - Id de l'acheteur</b> hn445
<b>Telephone No. - N° de téléphone</b> (819) 956-3587 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> DEPARTMENT OF THE ENVIRONMENT 335 RIVER RD ATT: CARL CARROLL OTTAWA Ontario K1A0H3 Canada	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

**Vendor/Firm Name and Address**  
**Raison sociale et adresse du  
fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**  
Electrical & Electronics Products Division  
11 Laurier St./11, rue Laurier  
6B1, Place du Portage, Phase III  
Gatineau, Québec K1A 0S5

<b>Delivery Required - Livraison exigée</b> See Herein	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

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**PART 1 - GENERAL INFORMATION**

**1. Security Requirement**

There is no security requirement associated with the requirement.

**2. Requirement**

The contractor will be required to provide the goods in accordance with the technical requirements stated herein at Annex "A".

**2.1 Delivery Requirement**

Delivery is requested to be completed by March 31, 2015.

**2.2 Delivery Offered**

While delivery is requested as indicated above, the best delivery that could be offered is\_\_\_\_\_.

**2.3 Contractor Contacts**

Name and telephone number of the person responsible for :

**General enquiries**

Name: \_\_\_\_\_  
Telephone No. \_\_\_\_\_  
Facsimile No. \_\_\_\_\_  
E-mail address: \_\_\_\_\_

**Delivery follow-up**

Name: \_\_\_\_\_  
Telephone No. \_\_\_\_\_  
Facsimile No. \_\_\_\_\_  
E-mail address: \_\_\_\_\_

**3. Debriefings**

After contract award, bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days of receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

**You are reminded that this solicitation requires the compliance and/or completion of requirements attached as an Annex and forming part of this document.**

## PART 2 - BIDDER INSTRUCTIONS

### 1. Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the Standard Acquisition Clauses and Conditions Manual (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The standard instructions and conditions 2003 (01/06/2013) are incorporated by reference into and form part of the bid solicitation.

Section 5.4 of 2003, Standard Instructions - Goods or Services, is amended as follows:

Delete: sixty (60) calendar days

Insert: ninety (90) calendar days

This procurement is subject to the Nunavut Land Claim Agreement.

#### 1.1 SACC Manual Clauses

SACC Reference	Section	Date
A9033T	Financial Capability	16/07/12
B1000T	Condition of Material	30/11/07

### 2. Submission of Bids

Bids must be submitted **ONLY TO PUBLIC WORKS AND GOVERNMENT SERVICES CANADA (PWGSC) BID RECEIVING UNIT** by the date, time and place indicated on page 1 of the bid solicitation.

Due to the nature of the bid solicitation, bids transmitted by *facsimile* to PWGSC will not be accepted.

#### 2.1 Technical Documentation

**TECHNICAL/DESCRIPTIVE LITERATURE FOR PRODUCTS PROPOSED MUST BE SUBMITTED AS PART OF THE BID PACKAGE PRIOR TO THE BID CLOSING DATE. FAILURE TO COMPLY WILL RENDER YOUR BID NON RESPONSIVE.**

### 3. Enquiries - Bid Solicitation

All enquiries must be submitted to the Contracting Authority no later than five (5) calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada

determines that the enquiry is not of a proprietary nature. Canada may edit the questions or may request that the Bidder do so, so that the proprietary nature of the question is eliminated, and the enquiry can be answered with copies to all bidders. Enquiries not submitted in a form that can be distributed to all bidders may not be answered by Canada.

#### 4. Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the bidders.

### PART 3 - BID PREPARATION INSTRUCTIONS

#### 1. Bid Preparation Instructions

Canada requests that bidders provide their bid in separately bound sections as follows:

Section I: Technical Bid ( 2 copies)  
Section II: Financial Bid ( 1 copy)

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

Canada requests bidders to follow the format instructions described below in the preparation of their bid.

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process Policy on Green Procurement (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, bidders are encouraged to:

- 1) use paper containing fibre certified as originating from a sustainably-managed forest and/or containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

#### SECTION I: TECHNICAL BID (2 COPIES)

In their technical bid, bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

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**SECTION II: FINANCIAL BID (1 COPY)**

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of Goods and Services Tax (GST) or Harmonized Sales Tax (HST) is to be shown separately, if applicable.

**Exchange Rate Fluctuation**

The requirement does not provide for exchange rate fluctuation protection. Any request for exchange rate fluctuation protection will not be considered and will render the bid non-responsive.

**Pricing Basis**

The bidder must quote firm lot prices in Canadian dollars, DDP Delivered Duty Paid (Eureka, Nunavut), the Goods and Services Tax (GST) and/or the Harmonized Sales Tax (HST) extra, as applicable. Freight charges to destination and all applicable Custom duties and Excise taxes must be included.

**PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION****1. Evaluation Procedures**

Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria specified below.

**Evaluation Criteria**

All bids must be completed in full and provide all of the information requested in the bid solicitation to enable full and complete evaluation.

**1.1 Technical Evaluation****1.1.1 Mandatory Technical Evaluation**

The following **Mandatory** factors will be taken into consideration in the evaluation of each bid:

Technical compliance (description of items in Annex "A" herein);  
Acceptance of terms and conditions as mentioned in the bid solicitation;  
Completion of the proposal.

**1.2 Financial Evaluation**

The following **Mandatory** factors will be taken into consideration in the evaluation of each bid:

Compliance with Pricing Basis;

The Bid price will be determined by processing items at Annex "B" as follows:

Sum of all items total price.

**1.3 Conditions/Certifications Precedent to Contract**

Federal Contractors Program as specified in Part 5;  
Mandatory Certifications Required Precedent to Contract Award as specified herein.

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## 2. Basis of Selection

A bid must comply with the requirements of the bid solicitation and meet all mandatory technical evaluation criteria to be declared responsive. The responsive bid with lowest evaluated price on an aggregate basis will be recommended for award of a contract.

## PART 5 - CERTIFICATIONS

Bidders must provide the required certifications to be awarded a contract. Canada will declare a bid non-responsive if the required certifications are not completed and submitted as requested.

Compliance with the certifications bidders provide to Canada is subject to verification by Canada during the bid evaluation period (before award of a contract) and after award of a contract. The Contracting Authority will have the right to ask for additional information to verify bidders' compliance with the certifications before award of a contract. The bid will be declared non-responsive if any certification made by the Bidder is untrue, whether made knowingly or unknowingly. Failure to comply with the certifications or to comply with the request of the Contracting Authority for additional information will also render the bid non-responsive.

### 1. Mandatory Certifications Required Precedent to Contract Award

#### 1.1 Code of Conduct and Certifications - Related documentation

By submitting a bid, the Bidder certifies as per section 01 of Standard Instructions 2003, for himself and his affiliates, to be in compliance with the Code of Conduct and Certifications clause of the Standard instructions. The related documentation therein required will help Canada in confirming that the certifications are true.

#### 1.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "[FCP Limited Eligibility to Bid](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)" list ([http://www.labour.gc.ca/eng/standards\\_equity/eq/emp/fcp/list/inelig.shtml](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)) available from [Human Resources and Skills Development Canada \(HRSDC\) - Labour's website](#).

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](#)" list at the time of contract award.

## PART 6 - RESULTING CONTRACT CLAUSES

### 1. Security Requirement

There is no security requirement associated with the requirement.

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## 2. Requirement

The contractor will be required to provide the goods in accordance with the technical requirements stated herein at Annex "A".

### 2.1 SACC Manual Clauses

SACC Reference	Section	Date
B1501C	Electrical Equipment	16/06/06
B7500C	Excess Goods	16/06/06

## 3. Standard Conditions and Clauses

All clauses and conditions identified in the Contract by number, date and title are set out in the Standard Acquisition Clauses and Conditions (<http://ccua-sacc.tpsgc-pwgsc.gc.ca/pub/acho-eng.jsp>) Manual issued by Public Works and Government Services Canada.

### 3.1 General Conditions

2010A (25/04/2013) General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

### 3.2 Comprehensive Land Claim Agreement

This procurement is subject to the Nunavut Land Claim Agreement.

## 4. Term of Contract

### 4.1 Delivery Date

All the deliverables must be received on or before \_\_\_\_\_ (Delivery as offered and as accepted will be inserted at contract award).

## 5. Authorities

### 5.1 Contracting Authority

The Contracting Authority for the contract is:

*Joanne Ladouceur (M)*  
*Supply Specialist*  
Public Works and Government Services Canada  
Acquisitions Branch  
Logistics, Electrical, Fuel and Transportation Directorate  
"HN" Division  
7B3, Place du Portage, Phase III  
11 Laurier Street  
Gatineau, QC, K1A 0S5

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Telephone : (819) 956-3587      Facsimile: (819) 953-4944  
E-mail address: joanne.m.ladouceur@pwgsc-tpsgc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

## 5.2 Project Authority

The project Authority for the Contract is:

Name: will be inserted at contract  
Telephone No. will be inserted at contract  
Facsimile No. will be inserted at contract  
E-mail address: will be inserted at contract

The Project Authority is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matter concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Project Authority, however the Project Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

## 5.3 Contractor Contacts

Name and telephone number of the person responsible for:

### General Enquiries

Name: will be inserted at contract  
Telephone No. will be inserted at contract  
Facsimile No. will be inserted at contract  
E-mail address: will be inserted at contract

### Delivery Follow-up

Name: will be inserted at contract  
Telephone No. will be inserted at contract  
Facsimile No. will be inserted at contract  
E-mail address: will be inserted at contract

## 6. Payment

### 6.1 Basis of Payment - Firm Lot Price

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid the *firm lot prices* specified in the Contract (*Annex 'B'*). Customs duties are *included* and Goods and Services Tax or Harmonized Sales Tax is extra, if applicable.

## 6.2 Limitation of Price

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

## 6.3 SACC Manual Clauses

SACC Reference	Section	Date
G1005C	Insurance	12/05/08
H1001C	Multiple Payment	12/05/08

## 7. Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.

2. Invoices must be distributed as follows:

- (a) The original and one (1) copy must be forwarded to the following address for certification and payment.

Financial & Corporate Branch  
 ACEMD  
 335 River Road  
 Ottawa, ON, K1A 0H3  
 Attention: Rebekah Olson.

- (b) One (1) copy must be forwarded to the following address.

Department of Public Works and Government Services  
 "HN" Division  
 7B3 Place du Portage, Phase III  
 11 Laurier Street  
 Gatineau, QC  
 K1A 0S5  
 Attention: *Joanne Ladouceur (M)*

## 8. Certifications

**8.1** Compliance with the certifications provided by the Contractor in its bid is a condition of the Contract and subject to verification by Canada during the term of the Contract. If the Contractor does not comply with any certification or it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

## 8.2 Federal Contractors Program for Employment Equity - Default by the Contractor

The Contractor understands and agrees that, when an Agreement to Implement Employment Equity (AIEE) exists between the Contractor and HRSDC-Labour, the AIEE must remain valid during the entire period of the Contract. If

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the AIEE becomes invalid, the name of the Contractor will be added to the "FCP Limited Eligibility to Bid" list. The imposition of such a sanction by HRSDC will constitute the Contractor in default as per the terms of the Contract.

## 9. Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

## 10. Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- (a) the Articles of Agreement;
- (b) 2010A (25/04/2013) General Conditions - Goods (Medium Complexity);
- (c) Annex "A", Statement of Work;
- (d) Annex "B", Pricing Schedule;
- (e) the Contractor's bid dated \_\_\_\_\_ (*insert date of bid*), as amended \_\_\_\_\_ (*insert date(s) of amendment(s), if applicable*).

## 11. Shipping Instructions - Delivery at Destination

Goods must be consigned to the destination specified in the Contract and delivered:

Delivered Duty Paid (DDP) (Eureka, Nunavut) Incoterms 2000 for shipments from a commercial contractor.

**ANNEX "A"****STATEMENT OF WORK****1. BACKGROUND**

The Eureka High Arctic Weather Station (HAWS) is located on the north side of Slidre Fjord, at the north-western tip of Fosheum Peninsula of Ellesmere Island, at 80o 0' N and 85o56' W.

The Eureka HAWS is a weather monitoring facility. It is operated by Environment Canada, and has been in operation since 1947. The Eureka HAWS is a centre of activity for Environment Canada, the Department of National Defence, the Polar Continental Shelf Project, and the Polar Environment Atmospheric Research Lab (PEARL). Most of the work is carried out in the short Arctic summer - June, July and August. The number of people located on-site varies between 8 and 40 (this includes the members of the Department of National Defence).

Solid waste management at Eureka is a challenge for the following reasons:

- Extreme cold;
- Isolation;
- Limited landfill capabilities
- High cost of transportation; and
- Tiny population

The site is only accessible by air and sea. Personnel, mail, freight and food are flown in to Eureka on a monthly basis. Once a year, a Canadian Coast Guard ice breaker picks up the supplies left in Nanisivik by the commercial shipping company which originated from Valleyfield, and brings them in to Eureka in late August. Any materials sent out from Eureka for disposal or recycling on the return trip via the Coast Guard must remain in the Arctic port of Nanisivik for one year before it can be picked up by Commercial shipping companies for furtherance to the appropriate southern facilities.

Notwithstanding the constraints that the above place on normal waste management practices, Eureka is committed to practices of procurement of green products, diversion from land fill sites, reuse and recycling. This includes the disposal of empty fuel/chemical drums remaining from standard operations in Eureka. The existing drum crusher on site in has no capability of washing the drums prior to crushing, it has surpassed its life span, and is in need of replacement with a portable diesel powered model with drum cleaning capabilities.

**2. SCOPE**

This purchase description covers the requirements for a diesel engine driven, portable, hydraulic drum cleaning & crushing system.

**3. REQUIREMENTS*****Specifications Portable Drum Washer Crusher***

- Operation Controls - Electric Push Button
- Power Unit - Diesel engine with minimum 20 hp. Generator and minimum 20 Gallon fuel tank
- Crusher/Washer Hazardous Location Classification - Nema 4 / IP 55
- Hydraulic Motor - minimum 10 hp

- Door Safety Valve - Electric door interlock or similar system door lock safety system
- Wash cycle control - Controlled by a timer
- Final Height of Crushed Drum Required - 2" to 4"
- Container Size that can be crushed - Up To 55 gal.
- System Functions - Mounted on a trailer complete with Pintle hitch. Trailer must be able to raise and to lower its frame to loading dock height and down to the ground level in order to work in various areas required

### ***Recirculation Tank Specifications***

- Construction - Stainless steel
- Capacity - Minimum 100 gallons
- Filter System - Must have Strainer type system for removal of contaminants
- Electric Emersion heaters - Must have heater to preheat recirculation tank wash water/fluid to proper required wash temperatures
- Oil/Contaminant Recovery Skimmer System for the wash recirculation tank - The Oil Skimmer System will eliminate the need to manually remove the accumulated oils and grease that will be on the top of the cleaning solution

### ***Additional Supplies***

- Hydraulic System - 55 gallon drums of hydraulic fluid; Hydraulic return filters; Hydraulic cylinder seal kit
- Washing system - Filter bags
- Trailer - Spare tire and rim; Battery charger
- Generator - 20 gallons of engine oil; 20 oil filters; 10 gallons engine coolant; 10 fuel filters
- Manuals/Training - DVD instruction manual and operations manual; Per day installation and Operator Training rates; Per day rate for travel days to site locations

### **3.1 Standard Design - The Drum Washer Crusher System shall:**

- Be the latest model from a manufacturer who has demonstrated acceptability by manufacturing and selling this type and size class of vehicle for at least 1 year;
- Have engineering certification available, upon demand, for this application from the original manufacturers of major equipment systems and assemblies;
- Conform to all applicable laws, regulations and industrial standards governing manufacture, safety, noise levels and pollution in effect at the time of manufacture; and
- Have system and component capacities not greater than their published ratings (i.e. product or component brochures) or accompanied by proof of compliance.

### **3.2 Operating Conditions**

- Weather - The Washer Crusher System shall operate under the extremes of weather conditions found in Canada.
- Terrain - The Washer Crusher System shall be capable of being operated on highways, secondary roads, gravel roads, and off-road (e.g. construction sites, open fields and dirt tracks). Terrain conditions shall include year round operations on snow, mud, sand and ice.

### **3.3 Safety Standards**

- Noise Level - The vehicle/equipment noise levels will meet the requirements of legislation relative to Occupational Safety and Health both at the operator's station and exterior to the vehicle.

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**3.4 Performance** - Proof of Compliance shall be provided for all specified performance.

- **Washer Crusher System Delivery Condition** - The Washer Crusher System shall be delivered to temporary destination of the shipping ports in Valleyfield Quebec, in 1 portion, and the Washer Crusher System and associated tools and parts, shall be packed and shipped according to the NEAS Commercial Shipping requirements for seagoing cargo, for furtherance to final destination of Eureka Nunavut. For shipment verification, all items such as wheel wrenches, jacks, and all other tools, equipment, supplies and accessories, which are shipped with the equipment, shall be listed on the shipping certificate or to an attached packing note.
- **Washer Crusher System on-site installation** - The Washer Crusher System shall be installed by the Manufacturer's qualified technician, on-site in Eureka, as soon as possible following the delivery of the equipment and prior to the required training of Eureka Operator personnel as described in section 7 below.

**3.5 Equipment**

- **Application Equipment** - Equipment/features below shall be provided:
  - **Vehicle Tie-Down Devices** - Vehicle tie-down devices. Permanent and integrally vehicle tie-down devices shall:
    - Be designed/located to prevent shifting or movement during transport on low-bed trailers, rail car and aboard ships;
    - Be located to permit easy attachment of cables or turnbuckles;
    - Be identified and marked with maximum strain permitted. Markings shall be painted using a contrasting colour; and
    - Include complete tie down instructions showing locations. This information shall be shown in the manual and it is preferred that it is marked on the vehicle (in the form of decals).
  - **Filler Caps** - Clearly/permanently identified filler caps by contents, using international symbols, a standard (i.e. SAE 10W30) or written in French and English;

**3.6 Engine** - The engine shall be diesel powered.

- **Engine Components** - Engine components shall be manufacturers standard.
- **Fuel Tank(s)** - The fuel tank(s) shall be the manufacturer's standard.

**3.7 Wheels, Rims and Tires** - The wheels, tires and rims shall be the manufacturer's standard.**3.8 Controls** - The Washer Crusher System shall have the manufacturer's standard controls**3.9 Electrical System** - The Washer Crusher System shall be equipped with the manufacturer's standard electrical system.**3.10 Hydraulic System** - The hydraulic system shall be the manufacturer's standard complete with all components required for the operation of the hydraulic equipment specified in Arctic cold weather environments.**3.11 Lubricants and Hydraulic Fluids** - The Washer Crusher System shall be serviced with the manufacturer's standard lubricants and hydraulic fluids for Arctic cold weather environments.**3.12 Paint** - The Washer Crusher System shall be painted using manufacturer's standard commercial colours. The prime coating shall be a high-durability, corrosion-resistant type.

- Paint Colour - The Washer Crusher System shall be painted using manufacturer's standard commercial paints.
- Identification - The following information shall be permanently marked in a conspicuous and protected location:
  - Manufacturer's name, model and serial number; and
  - Manufacturer's Vehicle Identification Number (VIN), where applicable.

#### 4. APPLICABLE DOCUMENTS

The following documents form part of this Purchase Description. Web sites for the organization are given when available. Effective documents are those in effect on date of manufacture. Sources are as shown:

##### SAE Handbook

Society of Automotive Engineers Inc.  
400 Commonwealth Dr.,  
Warrendale, PA, 15096  
<http://www.sae.org>

##### Yearbook

Tire and Rim Association Inc.,  
3200 West Market St.,  
Akron, Ohio, 44321  
<http://www.us-tra.org/traHome.htm>

##### PCSA Standards

Association of Equipment Manufacturers  
111 E. Wisconsin Ave. - Suite 1000  
Milwaukee, WI, 53202-4879  
<http://www.aem.org/>

#### 5. INTEGRATED LOGISTIC SUPPORT

The Contractor is required to ensure that spare parts required to properly maintain and repair vehicles are available for purchase for a period of 10 years.

#### 6. DOCUMENTATION AND SUPPORT ITEMS

The Contractor shall provide the following documentation and support items.

##### 6.1 Items with Each Vehicle - The Contractor shall provide the following items with each vehicle:

- Vehicle Manuals - Manuals required for safe operation, maintenance and repair of the vehicle. It is preferred that complete sets of manuals are provided on CD/DVD-ROM (without password(s), special installation requirements or requiring an Internet connection). An Operator's Manuals in paper format shall always be provided with each vehicle. The Vehicle Manuals shall include:

- Operator's Manuals - Operator's manuals in a bilingual format or as 2 manuals in a single binder (one English, and one French);
- Parts Manuals - The Parts Manuals in English (French translation is desirable);
- Maintenance (Shop Repair) Manuals - The Maintenance (Shop Repair) Manual in English (French translation is desirable); and
- Sample Manuals - A set of Sample Manuals, including all of the above manuals. The sample manuals shall be delivered to the Technical Authority 15 working days before delivery of vehicles. Sample manuals will not be returned. The Technical Authority will provide manual approval or comments within 30 days.
- Warranty Letter - A paper copy of the completed bilingual Warranty Letter with each vehicle shipped in the approved format. The Contractor shall send a copy of the Warranty Letter, in electronic format, to the Technical Authority for each vehicle, at shipment. Designated warranty providers shall honour the warranty letter;
- Initial Parts Kit - One Initial Parts Kit accompanying each vehicle/ equipment. Each Initial Parts Kit shall include a complete set of filters and filter elements from the Original Equipment Manufacturer along with all seals and gaskets and other parts that will require replacement due to the lengthy storage and delivery processes; and
- Certification Documents - Test and operational certification documents.

**6.2 Documents Provided to Technical Authority** - The Contractor shall provide the following documents to the Technical Authority:

- Data Summary - A bilingual specifications Summary for each make/model/ configuration with data and a Washer Crusher System picture. The Contractor is to provide a Specifications Summary along with the bid submission;
- Photographs - Two (2) digital pictures, one left-front three-quarter view, and one right-rear three-quarter view of each make/model/ configuration. It is preferred that pictures have an uncluttered background. Pictures shall have a size of at least 4 Mega pixels and be provided to the Technical Authority prior to equipment shipment from Manufacture location; and
- Preventive Maintenance Replacement Parts Kit List - A list of parts needed to perform preventive maintenance on a vehicle/equipment during the first scheduled preventive maintenance. The list shall include the parts provided in the Initial Parts Kit and additional items recommended by the Original Equipment Manufacturer for review and acceptance by the Technical Authority. The list shall be provided along with the bid submission. The list shall include the following elements:
  - Part description;
  - Original Equipment Manufacturer Part number;
  - Suggested quantity; and
  - Unit cost.

## 7. TRAINING

The Contractor shall perform the following on site training in Eureka Nunavut following receipt of equipment;

- Training - Operators - At least 1-day (8 hours) Installation and Operation instruction at destination of Eureka Nunavut, for a maximum of 4 personnel, as soon as possible after delivery of the vehicle. The timing of the travel and training is to occur just prior to one of the monthly Eureka produce flights which occur on the first Wednesday of every month. This will take advantage of using the empty charter flight out of Eureka in order to reduce charter costs for travel of personnel for installation and training purposes. The instruction shall include the detailed operation and normal servicing of the Washer Crusher System. The inclusion of 2 DVD copies of Familiarization instructions is to be

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provided if available. The final dates shall be arranged with the Station Program Manager (SPM). After completion of the familiarization session, the Contractor shall have a "PROOF OF FAMILIARIZATION INSTRUCTION" certificate signed by the consignee. Training is to include but not limited to;

- Safety precautions to be observed while operating and servicing the Washer Crusher System;
- Washer Crusher System operating characteristics;
- Washer Crusher System operating procedures;
- Pre-operating and pre-shutdown procedures;and
- Daily/weekly operator servicing procedures.

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**ANNEX B**

**PRICING SCHEDULE**

All prices must be firm in Canadian dollars, Delivered Duty Paid (Eureka, Nunavut), Goods and Services Tax or the Harmonized Sales Tax extra.

**1. EQUIPMENT**

Firm Lot Price for all related equipment, excluding spare parts.

***FIRM LOT PRICE***      \$ \_\_\_\_\_

**2. INSTALLATION AND TESTING COSTS**

The price must include all costs excluding travel and living expenses, related to the installation and testing of the equipment.

***FIRM LOT PRICE***      \$ \_\_\_\_\_

**3. ON-SITE TRAINING**

Firm Lot Price including travel and living expenses as per SOW paragraph 7.

***FIRM LOT PRICE***      \$ \_\_\_\_\_

**4. DOCUMENTATION**

Firm lot price for all manual documentation packages as per SOW, paragraph 6.

***FIRM LOT PRICE***      \$ \_\_\_\_\_

***TOTAL BID PRICE***      \$ \_\_\_\_\_