

**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> DESIGN/BUILD INSTR. SHELTER TRAIL.		
<b>Solicitation No. - N° de l'invitation</b> KM060-131187/A	<b>Date</b> 2013-10-28	
<b>Client Reference No. - N° de référence du client</b> KM060-131187		
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$HL-655-63774		
<b>File No. - N° de dossier</b> hl655.KM060-131187	<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 2013-12-09</b>		<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Standard Time EST
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>		
<b>Address Enquiries to: - Adresser toutes questions à:</b> Rochefort, Jean-F		<b>Buyer Id - Id de l'acheteur</b> hl655
<b>Telephone No. - N° de téléphone</b> (819) 956-6273 ( )	<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 4905 DUFFERIN ST DAVE MACTAVISH MSC - MGMT & ANALYSIS - ARQM/QM DOWNSVIEW Ontario M3H5T4 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**

Fuel & Construction Products Division  
11 Laurier St./11, rue Laurier  
7A2, 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 this bid solicitation.

### 2. Requirement

Canada is seeking proposals to procure:

2.1 Eight (8) ambient air quality monitoring shelter trailers (referred to as shelters) and an anticipated future need for up to four (4) additional shelters by March 2015 as described in Annex A "Pricing" and in accordance with Annex B "Performance Specifications" and Annex C "Conceptual Drawings"

2.2 The Contractor grants to Canada Irrevocable option identified in Annex A "Pricing".

2.2.1 The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

2.2.2 The option may be exercised in whole or in part and on more than one occasion at the sole discretion of Canada, up to the maximum quantity identified in Annex A "Pricing".

2.2.3 The option may be exercised within twelve (12) months after contract award.

### 3. Debriefings

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.

## 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 2003 (2013-06-01) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsections 4 and 5 of Section 01 Code of Conduct and Certifications - Bid, is amended as follows::

4. Bidders who are incorporated or who are a sole proprietorship, including those bidding as a joint venture, have already provided a list of names of all individuals who are directors of the Bidder, or the name of the owner, at the time of submitting an arrangement under the Request for Supply Arrangement (RFSA). These bidders must diligently maintain this list up-to-date by informing Canada in writing of any change occurring during the validity period of the bid as well as during the period of any contract arising from this bid solicitation.
5. Canada may, at any time, request that a Bidder provide properly completed and Signed Consent Forms (Consent to a Criminal Record Verification form - PWGSC-TPSGC 229) for any or all individuals aforementioned within the time specified. Failure to provide such Consent Forms within the time period provided will result in the bid being declared non-responsive.

Subsection 5.4 of 2003, Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: sixty (60) days  
Insert: ninety (90) days

### 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.

### 3. Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than seven (7) 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.

**5. Delivery**

While delivery is requested by March 22, 2014, the best delivery that could be offered is

\_\_\_\_\_.

## 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 ( 1 hard copie)

Section II: Financial Bid ( 1 hard copie)

Section III: Certifications (1 hard copie)

Section IV: Additional information (1 hard copie)

Canada requests that bidders 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 should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and 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

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

Bidders must complete and submit by the bid closing date and time Annex D "Technical Bid Evaluation Questionnaire".

#### Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of Applicable Taxes must be shown separately.

##### 1.1 Note - Exchange Rate

Requests for Exchange Rate Fluctuation protection and/or Progress Payments will not be considered unless specifically offered by PWGSC in this document.

##### 1.2 Pricing - Multi-Item Bid Solicitation

Bidders must quote a price for all items in order to be evaluated.

#### Section III: Certifications

Bidders must submit the certifications required under Part 5.

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**Section IV: Additional Information**

Canada requests that bidders submit the following information:

**1.1 Firm Quantity**

While delivery of the eight (8) **ambient air quality monitoring shelter trailers** (referred to as shelters) is requested by March 22, 2014, the best delivery that can be offered is as follows:

**Item 001** - One (1) shelter to Kejimikujik National Park, Nova-Scotia (Configuration A) will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

**Item 002** - One (1) shelter to Kejimikujik National Park, Nova-Scotia (Configuration B) will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

**Item 003** - Three (3) shelters to Doppler Weather Radar Site, Alberta (Configuration C) will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

**Item 004** - One (1) shelter to Doppler Weather Radar Site, Alberta (Configuration D) will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

**Item 005** - One (1) shelter to Wood Buffalo National Park, Northwest-Territories (Configuration C) will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

**Item 006** - One (1) shelter to Centre for Atmospheric Research Experiments, Ontario (Configuration C) will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

**1.2 Optional Quantity**

If an option is exercised, the best delivery that can be offered is as follows:

Item 007 - Up to four (4) shelters to Centre for Atmospheric Research Experiments, Ontario (Configuration C) will be delivered within \_\_\_\_\_ calendar days after an option is exercised.



## PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

### 1. Evaluation Procedures

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

#### 1.1 Technical Evaluation

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

##### 1.1.1 Evaluation Criteria - Technical

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

- (a) Technical compliance;
- (b) Delivery requirement;
- (c) Inspection requirement;
- (d) Packaging requirement;
- (e) Acceptance of terms and conditions as mentioned in the bid solicitation;
- (f) Completion of the solicitation
- (g) Completion of Annex D "Technical Bid Evaluation Questionnaire"

#### 1.2 Financial Evaluation

1.2.1 The purpose of the financial evaluation is to determine the aggregate price, based on the information submitted in Annex A "Pricing".

1.2.2 All firm prices will be evaluated in Canadian dollars, excluding applicable taxes such as GST and HST. Delivery Duty Paid (DDP) at destination, Incoterms 2000, including Canadian Custom Duties and Excise taxes where applicable.

1.2.3 Aggregate Price Calculation:

Bids will be evaluated on an aggregate price basis for the firm quantity and the optional quantity.

1.2.4 Bidders must quote a price for all items.

1.2.5 The following MANDATORY factors will be taken into consideration in the evaluation of each bid:

- (a) Compliance with proposed pricing methods;
- (b) Price (firm price, Canadian funds, DDP Delivered Duty Paid destination Incoterms 2000

### 2. Basis of Selection - Multiple Items

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 the lowest evaluated price on an aggregate basis" will be recommended for award of a contract.

## PART 5 - CERTIFICATIONS

Bidders must provide the required certifications and documentation to be awarded a contract.

The certifications provided by bidders to Canada are subject to verification by Canada at all times. Canada will declare a bid non-responsive, or will declare a contractor in default, if any certification made by the Bidder is found to be untrue whether during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply with this request will also render the bid non-responsive or will constitute a default under the Contract.

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

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

By submitting a bid, the Bidder certifies that the Bidder and its affiliates are in compliance with the provisions as stated in Section 01 Code of Conduct and Certifications - Bid of Standard Instructions 2003. The related documentation therein required will assist 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" 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 [http://www.labour.gc.ca/eng/standards\\_equity/eq/emp/fcp/index.shtml](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/index.shtml).

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 " ([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)) list at the time of contract award.

## PART 6 - RESULTING CONTRACT CLAUSES

### 1. Security Requirement

There is no security requirement applicable to this Contract.

### 2. Requirement

2.1 Eight (8) ambient air quality monitoring shelter trailers (referred to as shelters) and an anticipated future need for up to four (4) additional shelters by March 2015 as described in Annex A "Pricing" and in accordance with Annex B "Performance Specifications" and Annex C "Conceptual Drawings".

2.2 The Contractor grants to Canada Irrevocable option identified in Annex A "Pricing".

2.2.1 The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

2.2.2 The option may be exercised in whole or in part and on more than one occasion at the sole discretion of Canada, up to the maximum quantity identified in Annex A "Pricing".

2.2.3 The option may be exercised within twelve (12) months after contract award.

### 3. Standard Clauses and Conditions

All clauses and conditions identified in the Contract 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.

#### 3.1 General Conditions

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

### 4. Term of Contract

#### 4.1 Delivery Date

Delivery date of the shelter must be made as follows:

##### 4.1.1 Firm Quantity

**Item 001** - One (1) shelter to Kejimikujik National Park, Nova-Scotia (Configuration A) must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC Contracting authority at time of contract award.)

**Item 002** - One (1) shelter to Kejimikujik National Park, Nova-Scotia (Configuration B) must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC Contracting authority at time of contract award.)

**Item 003** - Three (3) shelters to Doppler Weather Radar Site, Alberta (Configuration C) must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC Contracting authority at time of contract award.)

**Item 004** - One (1) shelter to Doppler Weather Radar Site, Alberta (Configuration D) must be delivered on or before \_\_\_\_\_ (*Date to be inserted by PWGSC Contracting authority at time of contract award.*)

**Item 005** - One (1) shelter to Wood Buffalo National Park, Northwest-Territories (Configuration C) must be delivered on or before \_\_\_\_\_ (*Date to be inserted by PWGSC Contracting authority at time of contract award.*)

**Item 006** - One (1) shelter to Centre for Atmospheric Research Experiments, Ontario (Configuration C) must be delivered on or before \_\_\_\_\_ (*Date to be inserted by PWGSC Contracting authority at time of contract award.*)

#### 4.1.2 Optional Quantity

**Item 007** - Up to four (4) shelters to Centre for Atmospheric Research Experiments, Ontario (Configuration C) to be delivered within \_\_\_\_\_ calendar days after an option is exercised. (*days to be inserted by PWGSC contracting Authority at time of contract award.*)

#### 4.2 Adherence to Delivery Schedule

The contractor will promptly give notice to the Department of Public Works and Government Services of its inability to meet the contract delivery schedule and will request therein an extension of time stating its proposed revised delivery schedule and offering consideration for such revisions. Until such notice is received and the revised delivery schedule agreed to by the Department of Public Works and Government Services, the Minister may, pursuant to the General Conditions, on the business day following the due date of delivery of any outstanding materials, **terminate the whole or part of the contract for default.**

### 5. Authorities

#### 5.1 Contracting Authority

The Contracting Authority for the Contract is:

*Jean-francois Rochefort*

Public Works and Government Services Canada

Acquisitions Branch, Commercial Acquisition & Supply Management Sector

Logistics, Electrical, Fuel & Transportation Directorate

Fuel & Construction Products Division (HL)

11 Laurier Street, 7A2, Place du Portage, Phase III

Gatineau, QC K1A 0S5

Telephone: 819-956-6273 Facsimile: 819-956-5227

E-mail address: jean-francois.rochefort@tpsgc-pwgsc.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 Technical Authority

The Technical Authority for the Contract is:

Name: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Organization: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Telephone: \_\_\_\_-\_\_\_\_-\_\_\_\_  
 Facsimile: \_\_\_\_-\_\_\_\_-\_\_\_\_  
 E-mail: \_\_\_\_\_

The Technical Authority named above is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Technical Authority, however the Technical 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's Representative

Name and telephone number of the person responsible for :

	<b>General Enquiries</b>	<b>Delivery Follow-up</b>
Name:	_____	_____
Telephone No.:	_____	_____
Facsimile No.:	_____	_____
E-mail address:	_____	_____

## 6. Payment

### 6.1 Basis of Payment - Firm Unit Price(s)

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm unit prices, as specified in Annex A "Pricing" and as follows: for a cost of \$ \_\_\_\_\_ CAD (*insert the amount at contract award*). Customs duties are included and Applicable Taxes are extra.

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.

### 6.2 Terms of Payment

SACC Manual clause H1001C (2008-05-12) Multiple Payments

## 7. Invoicing Instructions

The Contractor must submit invoices in accordance with the information required in Section 10 of 2010A, General Conditions - Goods (Medium Complexity).

## 8. Certifications

### 8.1 Compliance

Compliance with the certifications and related documentation 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 provide the related documentation or if 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.

## 9. Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in \_\_\_\_\_. *(Insert the name of the province or territory as specified by the Bidder in its bid, if applicable)*

## 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 (2013-04-25) General Conditions - Goods (Medium Complexity);
- (c) Annex A, "Pricing";
- (d) Annex B, "Performance Specifications";
- (e) the Contractor's bid dated \_\_\_\_\_ *(insert date of bid)* *(If the bid was clarified or amended, insert at the time of contract award: ", as clarified on \_\_\_\_\_" or ", as amended on \_\_\_\_\_" and insert date(s) of clarification(s) or amendment(s))*

## 11. SACC Manual Clauses

THE FOLLOWING TERMS AND CONDITIONS ARE INCORPORATED HEREIN

SACC Reference	Section	Date
D3010C	Dangerous Goods/Hazardous Products	2012-07-16
D9002C	Incomplete Assemblies	2007-11-30
G1005C	Insurance	2008-05-12

## 12. Inspection and Acceptance

The Technical Authority is the Inspection Authority. All reports, deliverable items, documents, goods and all services rendered under the Contract are subject to inspection by the Inspection Authority or representative. Should any report, document, good or service not be in accordance with the requirements of the Statement of Work and to the satisfaction of the Inspection Authority, as submitted, the Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

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## 13. Shipping Instructions

### 13.1 Shipping Instructions - Delivery at Destination

1. Goods must be consigned to the destination specified in the Contract and delivered: DDP Delivered Duty Paid \_\_\_\_\_ (*insert the named place of destination*) Incoterms 2000 for shipments from commercial contractor.
2. The Contractor is responsible for all delivery charges, administration, costs and risk of transport and customs clearance, including the payment of customs duties and applicable taxes.

## 14. Post-Contract Award Meeting/Pre-Production Meeting

Within ten (10) working days of the receipt of the Contract, the Contractor must contact the Technical Authority to determine the details of a pre-production meeting. The meeting will be held at the Contractor's plant \_\_\_\_\_ (specify location). Cost of holding such pre-production meeting must be included in the price of the bid. Please note that the travel and living expenses for Government Personnel will be arranged and paid for by the Government of Canada.

## 15. Progress Reports

The Contractor must prepare and submit monthly progress reports to the PWGSC Contracting Officer.

Each progress report must address the following questions:

- (a) Is the delivery on schedule?
- (b) Is the Contract free of any areas of concern in which the assistance or guidance of Canada may be required?
- (c) Each negative response must be supported with an explanation.

## 16. Loose Equipment

For shipment verification, all items shipped loose with the shelter must be listed on an attached packing note.

## 17. Spare Parts Availability

The contractor must ensure that spare parts required to properly maintain and repair the shelter will be available for purchase by Environment Canada, or its authorized agents, for a period of 10 years.

## 18. Material

Material supplied must be new, unused and of current production by manufacturer.

## 19. Packaging

The methods used for preservation and packaging must be in conformity with the Contractor's normal standard for domestic shipment or, if necessary, with standards for overseas shipment as below deck cargo.

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Buyer ID - Id de l'acheteur

hl655

Client Ref. No. - N° de réf. du client

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CCC No./N° CCC - FMS No/ N° VME

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## ANNEX A “Pricing”

### Firm Quantity

**Item 001 - One (1) shelter to Kejimikujik National Park, Nova-Scotia (Configuration A)**

Delivery address:

Parks Canada Agency

Kejimikujik National Park

1507 Main Parkway

Maitland Bridge, Annapolis County

Nova Scotia

B0T 1B0

Delivery contact : \_\_\_\_\_

*(Name to be inserted by PWGSC at time of contract award)*

Date of delivery : \_\_\_\_\_

*(Date to be inserted by PWGSC at the time of contract award)*

Firm unit price of : \$ \_\_\_\_\_

*(Per shelter, as detailed at Clause 6.1 Basis of Payment)***Item 002 - One (1) shelter to Kejimikujik National Park, Nova-Scotia (Configuration B)**

Delivery address:

Parks Canada Agency

Kejimikujik National Park

1507 Main Parkway

Maitland Bridge, Annapolis County

Nova Scotia

B0T 1B0

Delivery contact : \_\_\_\_\_

*(Name to be inserted by PWGSC at time of contract award)*

Date of delivery : \_\_\_\_\_

*(Date to be inserted by PWGSC at the time of contract award)*

Firm unit price of : \$ \_\_\_\_\_

*(Per shelter, as detailed at Clause 6.1 Basis of Payment)***Item 003 - Three (3) shelters to Doppler Weather Radar Site, Alberta (Configuration C)**

Delivery address:

Doppler Weather Radar Site

1529 Highway 16A,

Stony Plain

Alberta

T7Z 1V7

Solicitation No. - N° de l'invitation

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

KM060-131187/A

hl655

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No/ N° VME

KM060-131187

hl655KM060-131187

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Delivery contact : \_\_\_\_\_  
(Name to be inserted by PWGSC at time of contract award)

Date of delivery : \_\_\_\_\_  
(Date to be inserted by PWGSC at the time of contract award)

Firm unit price of : \$ \_\_\_\_\_ x 3 units = \_\_\_\_\_  
(Per shelter, as detailed at Clause 6.1 Basis of Payment)

**Item 004 - One (1) shelter to Doppler Weather Radar Site, Alberta (Configuration D)**

Delivery address:  
Doppler Weather Radar Site  
1529 Highway 16A,  
Stony Plain  
Alberta  
T7Z 1V7

Delivery contact : \_\_\_\_\_  
(Name to be inserted by PWGSC at time of contract award)

Date of delivery : \_\_\_\_\_  
(Date to be inserted by PWGSC at the time of contract award)

Firm unit price of : \$ \_\_\_\_\_  
(Per shelter, as detailed at Clause 6.1 Basis of Payment)

**Item 005 - One (1) shelter to Wood Buffalo National Park, Northwest-Territories (Configuration C)**

Delivery address:  
Parks Canada Agency  
Wood Buffalo National Park  
6 Raven Crescent  
Fort Smith, NT  
X0E 0P0

Delivery contact : \_\_\_\_\_  
(Name to be inserted by PWGSC at time of contract award)

Date of delivery : \_\_\_\_\_  
(Date to be inserted by PWGSC at the time of contract award)

Firm unit price of : \$ \_\_\_\_\_  
(Per shelter, as detailed at Clause 6.1 Basis of Payment)

Solicitation No. - N° de l'invitation

KM060-131187/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

hl655

Client Ref. No. - N° de réf. du client

KM060-131187

File No. - N° du dossier

hl655KM060-131187

CCC No./N° CCC - FMS No/ N° VME

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**Item 006 - One (1) shelter to Centre for Atmospheric Research Experiments, Ontario (Configuration C)**

Delivery address :

Centre for Atmospheric Research Experiments  
6248 8th Line, Essa Twp  
Egbert, ON  
L0L 1N0

Delivery contact : \_\_\_\_\_

*(Name to be inserted by PWGSC at time of contract award)*

Date of delivery : \_\_\_\_\_

*(Date to be inserted by PWGSC at the time of contract award)*

Firm unit price of : \$ \_\_\_\_\_

*(Per shelter, as detailed at Clause 6.1 Basis of Payment)*

**Optional Quantity**

**Item 007 - Up to four (4) shelters to Centre for Atmospheric Research Experiments, Ontario (Configuration C)**

Delivery address :

Centre for Atmospheric Research Experiments  
6248 8th Line, Essa Twp  
Egbert, ON  
L0L 1N0

Delivery contact : \_\_\_\_\_

*(Name to be inserted by PWGSC at time of contract award)*

Date of delivery : \_\_\_\_\_

*(Date to be inserted by PWGSC at the time of contract award)*

Firm unit price of : \$ \_\_\_\_\_

*(Per shelter, as detailed at Clause 6.1 Basis of Payment)*

## **ANNEX B “Performance Specifications”**

### **For the design and building of shelter trailers**

#### **1. PURPOSE**

The purpose of this Performance Specification is to define the requirements for the design and building of Shelter Trailers to be built and delivered in support of Environment Canada.

#### **2. BACKGROUND**

Environment Canada has an immediate requirement for eight (8) ambient air quality monitoring shelter trailers (referred to as shelters) and anticipates a future need for up to four (4) additional shelters by March 2015.

#### **3. INTENDED USE**

Two (2) of these shelters are to be delivered to Kejimikujik National Park, NS, in support of air quality science and the Canadian Air and Precipitation Monitoring Network (CAPMON) and the Atlantic Region Air Quality Science Unit in collaboration with the Parks Canada Agency (PCA).

One (1) shelter is to be delivered to the Centre for Atmospheric Research Experiments, in Egbert, 10 miles Northeast of Alliston, ON.

One (1) shelter is to be delivered to Wood Buffalo National Park, near Fort Smith, NT.

Four (4) shelters are to be delivered to Stoney Plains, AB to support Oil Sands air quality monitoring efforts.

Four (4) additional shelters may need to be delivered by March 21, 2015 to the Centre for Atmospheric Research Experiments, in Egbert, 10 miles Northeast of Alliston, ON to support CAPMON relocation and life cycle management initiatives in Eastern Canada.

#### **4. CONCEPTUAL DRAWINGS**

Conceptual drawings for the instrument shelters have been supplied in Annex C “Conceptual Drawings”. Those drawings are intended for guidance and not to be considered shop or construction drawings and those drawings do not preclude or over-ride the specifications.

#### **5. MILESTONES**

All days are Calendar Days.

Schedules can be amended in writing if the changes are mutually agreeable to both parties.

##### **A - Shop Drawings**

- i) Draft shop drawings for review by Environment Canada (EC) are due 10 days after the contract is awarded.
- ii) EC will review and return draft shop drawings within 7 days of receipt.
- iii) Final shop drawings are to be completed and supplied to EC within 7 days of receipt of final draft drawings.

**B- Construction and Inspection Schedules**

- i) A construction schedule is to be supplied to EC with 5 days of the acceptance of the shop drawings.
- ii) Shelters will be inspected at the manufacturer's location before ceilings and walls are closed and before the exterior skin is applied.
- iii) A pre-deliver inspection of the completed shelters is required.

**C- Delivery Summary**

- i) Shelters are to be properly prepared and sealed to ensure they are protected from environmental conditions during transport.
- ii) All territorial and Provincial regulations must be adhered to during transport.
- iii) Environment Canada will not be responsible for the off-loading of shelters or associate goods at the delivery addresses described below.
- iv) The date and time of delivery must be determined in consultation with Environment Canada a minimum 7 days in advance of delivery.

**6. DELIVERY ADDRESSES:**

Firm deliveries:

i) Parks Canada Agency,  
Kejimikujik National Park  
1507 Main Parkway  
Maitland Bridge, Annapolis County  
Nova Scotia  
B0T 1B0  
Configuration A (1 shelter)  
Configuration B (1 shelter)

ii) Environment Canada  
Doppler Weather Radar Site  
1529 Highway 16A,  
Stony Plain, AB  
T7Z 1V7  
Configuration C (3 shelters)  
Configuration D (1 shelter)

iii) Parks Canada Agency  
Wood Buffalo National Park  
6 Raven Crescent  
Fort Smith, NT  
X0E 0P0  
Configuration C (1 shelter)

iv) Environment Canada  
Centre for Atmospheric Research Experiments  
6248 8th Line, Essa Twp  
Egbert, ON  
L0L 1N0  
Configuration C (1 shelter)

## Optional deliveries

v) Environment Canada  
 Centre for Atmospheric Research Experiments  
 6248 8th Line, Essa Twp  
 Egbert, ON  
 L0L 1N0  
 Configuration C (up to 4 shelters)

## 7. COMPLIANCE

To satisfy the requirements of the Environment Canada, CAPMON Network and PCA, the ambient air monitoring shelter must be complete and meet all mandatory Performance Specifications for Configurations A,B,C and D as detailed herein. If any requirement cannot be met the associated proposal will be considered noncompliant.

## 8. REQUIREMENTS

### CONFIGURATION A

- 8.1 Standards:  
 All goods shall bear a certification label from the Canadian Standards Association ("CSA") or Underwriter's Laboratories of US ("UL"), where applicable.
- 8.2 Exterior dimensions:  
 Exterior dimension of the main shelter structure must be 20' large x 10' wide x 8' high.
- 8.3 Shelter's exterior:  
 Shelter must have an Exterior aluminium skin with 10 Gauge of thickness, aluminium corner trims and rust resistant fasteners.
- 8.4 Main structure:  
 The main structure of the shelter must be affixed to an 8"x2"x0.188" x 24ft long and 7' wide steel tubing skid c/w 4 inch steel pipe dead roll with winch cable stop covers on each end. The structure shall be affixed to the skid in a manner where the skid and structure can be moved via the skid on the ground or by a crane without negative impact or damage to any components.
- 8.5 Skid:  
 Steel tubing skid requires 3'x2'x0.125 steel tubing cross members with 3"x2"x 3/16in steel perimeter angle frame.
- 8.6 Landing/Deck:  
 - A 4' X 4' landing/deck shall be fabricated, installed/fixed in front of the door and shall be level with the door threshold.  
 - A set of stairs with one step (two risers) shall be fixed to the landing/deck directly opposite the door.  
 - A ramp (suitable for compressed gas cylinders) with safety rails on the open side of the ramp, with an approximate rise of 2" per foot shall be fabricated and installed/fixed along the wall conceptual drawing side "D" of the trailer.

-The combined length of the ramp and landing/deck shall not exceed the 10 ft. width of the trailer.

-The landing/deck shall have a safety railing and a gate which secures either the stairs or the ramp (depending on its orientation at any specific time). The gate shall swing 90 degrees and be securable in both positions.

- All materials shall be rust resistant and all walking and standing surfaces must be a slip resistant design with an open grating.

#### 8.7 Roof Construction:

-Extruded aluminum perimeter roof edge, with extruded aluminum roof bows at 12" on center & 1/8" aluminum fully welded roof skin.

-The roof must be fully weather/waterproof to protect the inside instrumentation.

- roof snow load is to exceed 63 PSF.

#### 8.8 Paint:

-Exterior to be painted white Nav 9219.

-Skid frame to be gloss black anti-rust painted.

#### 8.9 Insulation:

Insulation shall conform to or exceed the following insulation standards:

- Shelter insulation minimum R24 (Walls, ceiling) and minimum R31 (floor)
- Closed cell spray foam urethane/low VOC (such as WALLTITECO®V.2) is required

#### 8.10 Walls and Ceiling:

Minimum 3/8" plywood covered with fiberglass panelling for interior walls and ceiling.

#### 8.11 Floor:

Minimum 3/4 inch plywood subfloor c/w Loncoin II Flecks (#152) floor covering or equivalent. Floor live load is to exceed 160 PSF.

#### 8.12 Window:

Egress window with security bars/features to be located at opposite end of structure from entry door (Conceptual drawing side A or B). A rain/drip diversion shall be integrated into the trailer design to reduce water flow over the window.

#### 8.13 Entry Door:

40"W x 80"H, Insulated steel entry door c/w Panic Bar, dead-bolt lock hardware.  
12"X18" maximum thermo pane fixed window c/w aluminium security screen on outside.  
(Conceptual drawing side D) A rain/drip diversion shall be integrated into the trailer design to reduce water flow over the door.

#### 8.14 HVAC:

- Trailers are to be designed to accommodate the future installation of two (2) 3.0 ton cooling single zone interior wall mounted ductless systems with ultra-low ambient cooling capacity down to -40°C including a wind baffle.

- Specifics: Two (2) Daikin AC model FTXS36LVJU wall mounted HVAC units with model RKS36LVJU Condensing units.

- Conceptual drawing walls D and B. To include additional framing and all wall openings and internal electrical wiring and rough-in for external electrical connection by others. To include (on building exterior) removable refrigerant pipe cover and electrical conduit to ground level. All openings are to be sealed and covered for transport.

- HVAC equipment and installation by others.

#### 8.15 Electrical:

- Heavy Duty 40 circuit service panel (120V/240V/1 ph) c/w 200A Main Breaker.

-3X 48" vapour proof fluorescent lights with switching by entry door.

-One 48" vapour proof fluorescent light within vestibule controlled by switch by entry door-One 110v light sensor activated "dark light" certified lighting c/w switch by front door.

-Two halogen flood lights switch controlled on conceptual drawing sides A and C (intended to light instrument field and platform area between trailers at ground level.

- 4X15 amp ceiling drops -15 duplex receptacles (15 amp) location to be determined during shop drawing design phase.

- Exterior accessible junction box for future connection to 2 roof level 15 amp services (future connection to walk-up platform).

- Two 15 amp GFI circuits (2X duplex) 12" below roof line Conceptual drawing side C

- Two 15 amp circuits (2X duplex) mid-height within pump cabinet.

- Motorized damper system, automated with thermostat control, suitable to maintaining ambient temperatures in the event of a HVAC failure. Weatherproof with insect screens-one switch controlled adjustable halogen flood light, mounted on side C, on an aluminium post 8 feet above roof level (conceptual drawing side C)

- Heavy Duty 200A Disconnect Switch (lockable) mounted externally for fire service disconnect.

- All interior wiring to be mounted on the surface of the interior walls in conduit.- Four (4) thermostat controlled baseboard electrical heating, minimum 1500 watt.

- Three (3) 15 amp circuits connected to an exterior weather proof junction box for future connection to 600 volt rated 12 gauge cables (3) adjacent to fuse panel. Exterior connections by others.

#### 8.16 Interior:

- one, 48" wide x approximately 15' long deep aluminium checker plate (1/4in thick) area for housing compressed gas bottles and instrument racks along the full wall length (see conceptual drawing).

-Two horizontally mounted single strut channels (53- Sasco Strut) along the full wall length of the checker plate 31" and 13" Above Finish Floor (AFF).



- One 11 foot long countertop 24" deep at a height of 37" along one wall/opposite wall from checker plating (approximately 30" - 40" from interior wall).
- Metal base cabinets, c/w drawers and doors, underneath counter top. A 36" open space with a minimum clearance of 34" (without cabinets centrally located).
- 36" wide, 12 inch deep metal wall cabinet with doors and interior shelves (adjustable) to be located above the 36" open space--Interior cabinetry to be painted white Nav9219 or equivalent.
- Countertops covering made of NEVAMAR Xtra-Wear laminate (Gunmetal color) or equivalent.
- Ceiling Cable Run, all components to be galvanized, no sharp edges located, no more than 10 inches from ceiling, 10 inches from all walls, basket wire construction, 4 inches wide and 4 inches deep.
- Ceiling Lock Channel horizontally mounted single strut channels (53- Sasco Strut) along the full ceiling length of each checker plate 2 feet from the exterior wall.

#### 8.17 Pump Cabinet:

- Approximately 4.6 ft. wide X 24 inches deep, ceiling to floor, wall to wall, all metal construction, one double door.
- Ventilation minimum 2 X 24 CFM exhaust, 12 inches from ceiling venting to end of trailer with rust proof rain shield and insect screening, external wall switch controlling each fan (located near ceiling).
- Inlet louvered grates, 6 inch holes, 6 inches from floor centred in both sections of double door.
- Two metal shelves equal distance from floor and ceiling rubber lined 21" wide with 1 inch front lip.
- Pump/vacuum line access openings near ceiling 2 X 2 inches including grommets.

#### 8.18 Pierce points:

- All pierce points will be wall mounted (no pierce points on the roof).
- Exterior communications box, (Conceptual drawing side A) at floor level, must accommodate 8 armoured conduit cables (4 pair, 18 gauge, armoured teck cable).
- Conduit is required to accommodate running stripped cables from exterior communications box to an interior communications box (supplied by vendor) which is to be located on the wall at bench level.
- A "cable run" is required from the interior cable box is required and will via wall to ceiling to galvanized "wire basket" run on opposite wall.
- Three ( 3) near ceiling level pierce points (2 pierce points side C, 1 pierce point side B, see conceptual drawing) with a 4 inch diameter opening, including a long term sealing mechanism with a rust proof rain shield. Must be a weather proof design.

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**CONFIGURATION B**

8.19 Mirror image (length wise/20 foot side) of Configuration A

**CONFIGURATION C**

8.20 Configuration C requirements:

The vendor must supply the HVAC and install components as described below:

- Two (2) 3.0 ton cooling single zone interior wall mounted ductless systems with ultra-low ambient cooling capacity down to -40°C including a wind baffle and associated hardware cables and pipe, excluding refrigerant.

- Two (2) Daikin AC model FTXS36LVJU wall mounted HVAC units-Two (2) model RKS36LVJU Condensing units.

- Two (2) Ultra Low Ambient SkyAir kits Model 2F018535-2

- Two (2) Outdoor unit wind baffle kits model KPW5E112

- Sufficient refrigerant pipe for two (2) units to allow the condenser to be located up to 98 feet away from wall unit.

- Sufficient electrical cable for two (2) units for up to 98 feet.

- Two (2) sets (on building exterior) of removable refrigerant pipe cover and electrical conduit to ground level to conceptual drawing side A.

- All openings are to be sealed and covered for transport.

- Indoor unit FTXS36LVJU is to be fully installed including electrical wiring and connects on conceptual drawing walls B and D.

- Rough-in for electrical connection and wall openings for RKS36LVJU-RKS36LVJU to be installed by others.

**CONFIGURATION D**

8.21 Mirror image (length wise/20 foot side) of Configuration C

**ANNEX D “Technical Bid Evaluation Questionnaire”  
For the Design and Building of Shelter Trailers**

**I - Performance Specifications:**

Performance Spec Clause	Title of Requirement	Bidder Initials*	(Reserved for Evaluation Team) Satisfactory? Y / N
Configuration A			
8.1	Standards		
8.2	Exterior Dimensions		
8.3	Shelter's Exterior		
8.4	Main Structure		
8.5	Skid		
8.6	Landing/Deck		
8.7	Roof Construction		
8.8	Paint		
8.9	Insulation		
8.10	Walls and Ceiling		
8.11	Floor		
8.12	Windows		
8.13	Entry Door		
8.14	HVAC		
8.15	Electrical		
8.16	Interior		
8.17	Pump Cabinet		
8.18	Pierce Points		
Configuration B			
8.19	Mirror Image of Configuration A		
Configuration C			
8.20	Configuration C Requirements		
Configuration D			
8.21	Mirror Image of Configuration C		

\* With your initials, you certify to meet the mandatory Performance Specification

**II - Company Capability:**

Item	Criteria	Mandatory Criteria Evaluation*	(Reserved for Evaluation Team) Satisfactory? Y / N
1	Corporate Experience The proposed contractor shall have the capacity to undertake the type of work contained in Annex B "Performance Specifications"	The bidder must: A) Provide a brief overview of the company  B) Provide the company's experience in manufacturing of at least three (3) shelter trailers in the last two (3) years that include work related functions required to perform the work as detailed in the Performance Specs. These functions must include a brief description of the design, engineering, manufacturing and in-service support capabilities.	
2	Production Plan - The proposed contractor shall have the production capacity to complete the requirement.	The bidder must: A) Provide a draft production plan that identifies production work phases and milestones.	

\* You must provide all documentation requested with your bid.

[illegible]

Technical drawing of a cable tray assembly. The top view shows a rectangular tray with a width of 60 inches and a depth of 18 inches. The side view shows a height of 13 inches. The tray is supported by a base with a total width of 264 inches. The base has a central section of 36 inches and four side sections of 35 inches each. The tray is labeled "4' VIDEO CABLE RUN" and "2X SINGLE STRUT CHANNELS". The drawing includes a vertical section on the left side with three horizontal slots, each containing a light bulb symbol. The drawing is a technical drawing with dimensions and labels.