

**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

Title - Sujet MOBILE WEAPON LABORATORY TRAILER	
Solicitation No. - N° de l'invitation W8486-120923/A	Date 2012-09-21
Client Reference No. - N° de référence du client W8486-120923	
GETS Reference No. - N° de référence de SEAG PW-\$\$HP-901-61245	
File No. - N° de dossier hp901.W8486-120923	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2012-11-01	
Time Zone Fuseau horaire Eastern Daylight Saving Time EDT	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Martin, Erik	Buyer Id - Id de l'acheteur hp901
Telephone No. - N° de téléphone (819) 956-3842 ()	FAX No. - N° de FAX (819) 956-5227
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Specified Herein Précisé dans les présentes	

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
Vehicles & Industrial Products Division
11 Laurier St./11, rue Laurier
7A2, Place du Portage, Phase III
Gatineau, Québec K1A 0S5

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

TABLE OF CONTENTS

PART 1 - GENERAL INFORMATION

1. Security Requirement
2. Requirement
3. Debriefings
4. Interpretation

PART 2 - BIDDER INSTRUCTIONS

1. Standard Instructions, Clauses and Conditions
2. Submission of Bids
3. Enquiries - Bid Solicitation
4. Applicable Laws
5. Improvement of Requirement During Solicitation Period

PART 3 - BID PREPARATION INSTRUCTIONS

1. Bid Preparation Instructions
2. Section I: Technical Bid
3. Section II: Financial Bid
4. Section III: Certifications and Additional Information

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures
2. Technical Evaluation
3. Financial Evaluation
4. Basis of Selection

PART 5 - CERTIFICATIONS

1. Code of Conduct Certifications - Certifications Required Precedent to Contract Award
2. Certifications Precedent to Contract Award

PART 6 - RESULTING CONTRACT CLAUSES

1. Security Requirement
2. Requirement
3. Standard Clauses and Conditions
4. Term of Contract
5. Authorities
6. Payment
7. Invoicing Instructions
8. Certifications
9. Applicable Laws
10. Priority of Documents
11. SACC Manual Clauses
12. Inspection and Acceptance
13. Preparation for Delivery
14. Shipping Instructions - Delivery at Destination
15. Release Documents - Distribution
16. Post-Contract Award Meeting/Pre-Production Meeting
17. Progress Reports
18. Tools and Loose Equipment
19. Spare Part Availability
20. Material
21. Design Changes
22. Interchangeability
23. Packaging
24. Service at Delivery

Attachments

Annex "A" - Pricing

Annex "B" - Purchase Description - Mobile Weapon Laboratory

Annex "C" - Technical Information Questionnaire - Mobile Weapon Laboratory

CONSENT TO A CRIMINAL RECORD VERIFICATION FORM

PART 1 - GENERAL INFORMATION

1. Security Requirement

There is no security requirement associated with this requirement.

2. Requirement

Canada is seeking proposals to procure:

- 2.1 One (1) Mobile Weapon Laboratory Trailer and related items as described in Annex "A" - Pricing and in accordance with Annex "B" - Purchase Description Mobile Weapon Laboratory.

3. Debriefings

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

4. Interpretation

The mandatory requirements stated in this Request for Proposal use the words "shall" or "must" or "mandatory". Proposals not meeting all of the mandatory requirements will be given no further consideration.

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 (<http://ccua-sacc.tpsgc-pwgsc.gc.ca/pub/acho-eng.jsp>) 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 (**2012-07-11**) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 4 of Section 01 - Code of Conduct and Certifications of 2003 (2012-07-11) Standard Instructions is amended as follows:

Bidders should provide, with their bid or promptly thereafter, a complete list of names of all individuals who are currently directors of the Bidder. If such a list has not been received by the time the evaluation of bids is completed, Canada will inform the Bidder of a time frame within which to provide the information. Failure to provide such a list within the required time frame will render the bid non-responsive. Bidders must always submit the list of directors before contract award.

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 named in the aforementioned list within a specified delay. Failure to provide such Consent Forms within the delay will result in the bid being declared non-responsive.

The text under Subsection 5 of Section 01 - Code of Conduct and Certifications of 2003 referenced above is replaced by:

The Bidder must diligently maintain the list up-to-date by informing Canada in writing of any change occurring during the validity period of the bid, and must also provide Canada, when requested, with the corresponding Consent Forms. The Bidder will also be required to diligently maintain the list and when requested, provide Consent Forms during the period of any contract arising from this bid solicitation.

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.

3. Enquiries - Bid Solicitation

All enquiries must be submitted 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. Improvement of Requirement During Solicitation Period

Should bidders consider that the specifications, Statement of Work or Purchase Description contained in the bid solicitation could be improved technically or technologically, bidders are invited to make suggestions, in writing, to the Contracting Authority named in the bid solicitation. Bidders must clearly outline the suggested improvement as well as the reason for the suggestion. Suggestions that do not restrict the level of competition nor favour a particular bidder will be given consideration provided they are submitted to the Contracting Authority at least

Solicitation No. - N° de l'invitation

W8486-120923/A

Amd. No. - N° de la modif.

File No. - N° du dossier

hp901W8486-120923

Buyer ID - Id de l'acheteur

hp901

CCC No./N° CCC - FMS No/ N° VME

W8486-120923

seven (7) days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

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 hard copies);

Section II: Financial Bid (1 hard copy);

Section III: Certifications and Additional Information (2 hard copies).

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 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.

2. 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 the following;

- 1) Annex "C" - Technical Information Questionnaire - Mobile Weapon Laboratory;
- 2) Five (5) copies of view concept Auto-Cad drawings

2.1 Substitutes and Alternatives

Bidders may propose substitutes and alternatives where "**shall**^(E)" is indicated in the technical requirement description (Purchase Description/Statement of Requirement/Statement of Work).

2.1.1 Substitutes and alternatives that are equivalent in form, fit, function and performance will be considered for acceptance by the Technical Authority where the Bidder:

- (a) Clearly identifies a substitute and/or an alternative;
- (b) Designates the brand name, model and/or part number of the substitute and/or of the product, where applicable;
- (c) States that the substitute product is fully interchangeable with the item specified in the technical requirement description;
- (d) Provides complete specifications and brochures, where applicable;
- (e) Provides compliance statements that include technical details showing the substitute and/or the alternative meet all technical requirements specified in the technical requirement description; and
- (f) Clearly identifies those areas in the technical requirement description and in the brochures that support the substitute and/or the alternative compliance with the technical requirements.

2.1.2 Substitutes and alternatives offered as equivalent in form, fit, function and performance will not be considered for acceptance by the Technical Authority if:

- (a) The bid fails to provide all of the information requested to allow the Technical Authority to fully evaluate the evaluate the equivalency; or
- (b) The substitute and/or the alternative fail to meet or fail to exceed the technical requirements specified in the technical requirement description.

2.1.3 In conducting the evaluation of bids, Canada may, but will have no obligation to request the bidder offering a substitute and/or an alternative, to provide a copy of the alternative standard and to demonstrate, at the bidder's sole cost, that it is equivalent to the technical requirement.

3. Section II: Financial Bid

Bidders must submit their prices in Annex "A"- Pricing in accordance with the Basis of Payment described in **Part 6 - RESULTING CONTRACT CLAUSES**, at **Clause 6.1 Basis of Payment**.

3.1 Exchange Rate Fluctuation

- 3.1.1 Unless otherwise specified in the bid solicitation, bids must be in Canadian currency.
- 3.1.2 Bidders may request Canada to assume the risk for exchange rate fluctuation. This request must be specifically made at time of bidding.
- 3.1.3 The foreign currency component is defined as the element of the price that will be directly affected by exchange rate fluctuations. It could include the net price FOB foreign manufacturer's plant, costs associated with applicable duty, excise tax, Goods and Services Tax or Harmonized Sales Tax, if applicable, entry fees, transportation costs or delivery charges payable in a foreign currency, and any other charges associated with being the importer of record if they originated from and are required to be paid in a foreign currency.
- 3.1.4 The foreign value of the foreign currency component of the bid or negotiated price must be provided before contract award. Form PWGSC-TPSGC 9411, Claim for Exchange Rate Adjustments, may be used for this purpose. If milestone payments are proposed, it is recommended to indicate on the above form the foreign currency component associated with each milestone event.
- 3.1.5 All bids are evaluated in Canadian currency. Therefore, for evaluation purposes, the noon rate quoted by the Bank of Canada as being in effect on date of bid closing, or such other date as may be specified in the bid solicitation, will be applied as the initial conversion factor for the specified currency. (Column 3 of the above form will be completed by the Contracting Authority.)
- 3.1.6 Rates proposed by bidders will not be accepted for the purposes of this exchange rate adjustment provision.
- 3.1.7 If there are two (2) identical bids, and provided that the bid selected would still be considered the most advantageous to Canada, preference will be given to the Bidder who assumes all or part of the exchange rate adjustment risk over a bidder who does not assume any of this risk. Furthermore, preference will be

given to the Bidder who assumes all of the exchange rate adjustment risk over a bidder who assumes only part of this risk.

3.1.8 Canada will pay the exchange rate adjustment amount in Canadian currency using the prevailing noon rate on the date of payment by Canada or, as applicable, in accordance with clause C3015C, C3020C, C3025C, or C3030C.

4. Section III: Certifications and Additional Information

Bidders must submit the certifications required under **PART 5 - CERTIFICATIONS**.

4.1 Additional Information

Canada requests that bidders submit the following information:

4.1.1 Delivery

4.1.1.1 Firm Quantity

While delivery of the trailer is requested as soon as possible, the best delivery that can be offered is as follows:

Item 001 - One (1) Mobile Weapon Laboratory Trailer and related items will be delivered within _____ calendar days from the effective date of the contract.

4.2.1 Manufacturer's Standard Warranty Period

Canada requests that the Bidder provide details of the manufacturer's standard warranty period for the vehicle/equipment and its component that exceeds the minimum warranty period of twelve (24) months. Any additional manufacturer's standard warranty such as those derived from the Original Equipment Manufacturer (OEM) for component/sub-assemblies will form part of the proposed contract.

The manufacturer's standard warranty of _____ months or _____ km as administered through the designated dealer or authorized agent applies.

4.2.2 Optional Extended Warranty Period

Canada requests that the Bidder indicate if an optional extended warranty period that exceeds the longest between the minimum warranty period of twelve (24) months and

Solicitation No. - N° de l'invitation

W8486-120923/A

Amd. No. - N° de la modif.

File No. - N° du dossier

hp901W8486-120923

Buyer ID - Id de l'acheteur

hp901

CCC No./N° CCC - FMS No/ N° VME

W8486-120923

the Manufacturer's Standard Warranty Period indicated in 4.2.1, if applicable, is offered.

Optional warranty coverage available: **YES** _____ **NO** _____

If yes, Canada requests that the Bidder provide details and pricing information of any optional extended warranty period available for the vehicle/equipment and any related items, in Annex "A" - Pricing.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures

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

2. Technical Evaluation

- 2.1 The purpose of the technical evaluation is to determine if the goods and/or services offered meet all mandatory technical requirements outlined in the documents enumerated hereafter and as required in **Section I - Technical Bid of Part 3 - BID PREPARATION INSTRUCTIONS:**

- Annex "B" - Purchase Description - Mobile Weapon Laboratory.
- Annex "C" 1 - Technical Information Questionnaire - Mobile Weapon Laboratory; and

3. Financial Evaluation

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

4. Basis of Selection

- 4.1 A bid must comply with the requirements of the bid solicitation and meet all mandatory requirements to be declared responsive. The responsive bid with the lowest evaluated price 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. Code of Conduct Certifications - Certifications Required Precedent to Contract Award

- 1.1 Bidders should provide, with their bids or promptly thereafter, a complete list of names of all individuals who are currently directors of the Bidder. If such a list has not been received by the time the evaluation of bids is completed, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Bidders must submit the list of directors before contract award, failure to provide such a list within the required time frame will render the bid non-responsive.

The Contracting Authority 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 named in the aforementioned list within a specified delay. Failure to provide such Consent Forms within the delay will result in the bid being declared non-responsive.

2. Certifications Precedent to Contract Award

The certifications listed below should be submitted with the bid, but may be completed and submitted afterwards. If any of these required certifications is not completed or submitted as requested, the Contracting Authority will so inform the Bidder and provide the Bidder with a time frame within which to meet the requirement. Failure to comply with the request of the Contracting Authority and meet the requirement within that time period will render the bid non-responsive.

2.1 Federal Contractors Program - \$200,000 or more

1. The Federal Contractors Program (FCP) requires that some suppliers, including a supplier who is a member of a joint venture, bidding for federal government contracts, valued at \$200,000 or more (including all applicable taxes), make a formal commitment to implement employment equity. This is a condition precedent to contract award. If the Bidder, or, if the Bidder is a joint venture and if any member of the joint venture, is subject to the FCP, evidence of its commitment must be provided before the award of the Contract.

Suppliers who have been declared ineligible contractors by Human Resources and Skills Development Canada (HRSDC) are no longer eligible to receive government contracts over the threshold for solicitation of bids as set out in the Government Contracts Regulations. Suppliers may be declared ineligible contractors either as a result of a finding of non-compliance by HRSDC, or following their voluntary withdrawal from the FCP for a reason other than the reduction of their workforce to less than 100 employees. Any bids from ineligible contractors, including a bid from a joint venture that has a member who is an ineligible contractor, will be declared non-responsive.

2. If the Bidder does not fall within the exceptions enumerated in 3.(a) or (b) below, or does not have a valid certificate number confirming its adherence to the FCP, the Bidder must fax (819-953-8768) a copy of the signed form LAB 1168, Certificate of Commitment to Implement Employment Equity, to the Labour Branch of HRSDC.
3. The Bidder, or, if the Bidder is a joint venture the member of the joint venture, certifies its status with the FCP, as follows:

The Bidder or the member of the joint venture

- (a) () is not subject to the FCP, having a workforce of less than 100 full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada;
- (b) () is not subject to the FCP, being a regulated employer under the Employment Equity Act, S.C. 1995, c. 44;
- (c) () is subject to the requirements of the FCP, having a workforce of 100 or more full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada, but has not previously obtained a certificate number from HRSDC (having not bid on

Solicitation No. - N° de l'invitation

W8486-120923/A

Amd. No. - N° de la modif.

File No. - N° du dossier

hp901W8486-120923

Buyer ID - Id de l'acheteur

hp901

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

CCC No./N° CCC - FMS No/ N° VME

W8486-120923

requirements of \$200,000 or more), in which case a duly signed certificate of commitment is attached;

- (d) () is subject to the FCP, and has a valid certificate number as follows:
_____ (e.g. has not been declared an ineligible contractor by HRSDC.)

Further information on the FCP is available on the HRSDC Web site.

[Http://www.hrsdc.gc.ca/eng/labour/equality/fcp/index.shtml](http://www.hrsdc.gc.ca/eng/labour/equality/fcp/index.shtml)

PART 6 - RESULTING CONTRACT CLAUSES

1. Security Requirement

There is no security requirement associated with this requirement.

2. Requirement

2.1 The Contractor must deliver one (1), Mobile Weapon Laboratory Trailer and related items as described in Annex "A" - Pricing and in accordance with Annex "B" - Purchase Description - Mobile Weapon Laboratory.

2.3 Optional Extended Warranty Period

The Contractor grants to Canada the irrevocable option to extend the warranty period for an additional (to be inserted by PWGSC at time of contract award) months, under the same terms and conditions and at the price stated in the Contract at Annex "A" - pricing. The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

The Contracting Authority may exercise the option within ninety (90) calendar days after contract award by sending a written notice to the Contractor.

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 (<http://sacc.pwgsc.gc.ca/sacc/index-e.jsp>) issued by Public Works and Government Services Canada.

3.1 General Conditions

2010A (2012-07-16) General Conditions - Goods (Medium Complexity), apply to and form part of the contract.

3.1.1 **Section 09** entitled **Warranty** of general conditions **2010A** is amended by deleting subsection 2 in its entirety and replacing it with the following:

The Contractor must pay the transportation cost associated with returning the Work or any part of the Work to the Contractor's plant for replacement, repair or making good. The Contractor must also pay the transportation cost associated with forwarding the replacement or returning the Work or part of the Work when rectified to the delivery point specified in the Contract or to another

location as directed by Canada. If, in the opinion of Canada, it is not expedient to remove the Work from its location, the Contractor must carry out any necessary repair or making good of the Work at that location. In such cases, the Contractor will be responsible for all Costs (including travel and living expenses) incurred in so doing, Canada will not reimburse these Costs.

If action to effect repairs under warranty cannot be initiated within **two (2)** working days and completed within a reasonable length of time or if the Contractor has no repair facilities in the immediate vicinity (**within 100 kilometres**) of the specified delivery destinations (consignees), the Department of National Defence reserves the right to make such repairs and be reimbursed by the Contractor at the rate of **\$103.91** per hour for labour and the cost for replaced parts."

3.1.1 **Section 09** of general conditions **2010A** is amended by replacing the period of twelve (12) months by twenty-four (24) months.

All other provisions of the warranty section remain in effect.

4. Term of Contract

4.1 Delivery of Trailer

4.1.1 Firm Quantity

Delivery date of the Trailer must be made as follows:

Item 001 - One (1) Mobile Weapon Laboratory Trailer and related items must be delivered on or before _____ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

5. Authorities

5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Erik Martin

Title: Supply Specialist

Organization: Public Works and Government Services Canada - Acquisitions Branch
LEFT Directorate, HP Division,
7A2, Place du Portage, Phase 3, 11 Laurier Street, Gatineau Quebec,
K1A 0S5

Telephone: 819 956-3842
 Facsimile: 819 956-5227
 E-mail: erik.martin@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 Procurement Authority

The Procurement Authority for the Contract is:

Name: _____ (To be inserted by PWGSC at time of contract award.)

Title: _____

Organization: _____

Telephone: ___ - ___ - ____

Facsimile: ___ - ___ - ____

E-mail: _____

The Procurement Authority is the representative of the department or agency for whom the Work is being carried out under the Contract. The Procurement Authority is responsible for the implementation of tools and processes required for the administration of the Contract. The Contractor may discuss administrative matters identified in the Contract with the Procurement Authority however the Procurement Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of Work can only be made through a contract amendment issued by the Contracting Authority.

5.3 Technical Authority:

The Technical Authority for the Contract is:

Name: _____ (To be inserted by PWGSC at time of contract award.)

Title: _____

Organization: _____

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.

5.4 Contractor's Representative

Name and telephone number of the person responsible for :

General enquiries

Name: _____ (To be inserted by PWGSC at time of contract award.)

Title: _____

Telephone: ____ - ____ - ____

Facsimile: ____ - ____ - ____

E-mail: _____

Delivery follow-up

Name: _____ (To be inserted by PWGSC at time of contract award.)

Title: _____

Telephone: ____ - ____ - ____

Facsimile: ____ - ____ - ____

E-mail: _____

5.5 After Sales Service

5.5.1 The following dealer and/or agent is authorized to provide after sales service,

maintenance and warranty repairs and a full range of repair parts for the vehicle/equipment offered:

Item 001

Name: _____

Address: _____

Telephone Number: _____

Distance between the delivery location and the dealer and/or agent: _____ km

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 the firm unit price(s) specified in Annex "A" - Pricing, and as follows:

Basis of Payment (BOP) Type 1: Firm unit prices in Canadian dollars, Delivered Duty Paid at destination, Incoterms 2000, including Canadian Custom Duties and Excise Taxes included where applicable, Goods and Services tax/Harmonized Sales Tax extra.

Basis of Payment (BOP) Type 2: Firm unit prices in Canadian dollars, FCA Free Carrier, Incoterms 2000 at Contractor's Canadian facility or Contractor's Canadian distribution point, including Canadian Custom Duties and Excise Taxes included where applicable, Goods and Services Tax/Harmonized Sales Tax 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 SACC Manual Clauses

H1001C Multiple Payments

2008-05-12

6.3 Exchange Rate/Payment on Delivery

6.3.1 The price in Canadian currency includes the foreign currency component in respect of goods, services or both originating outside Canada, as detailed in form PWGSC-TPSGC 9411, Claim for Exchange Rate Adjustments.

6.3.2 The price must be adjusted to reflect the exchange rate in effect and applied by Canada Border Services Agency (CBSA) on the date of importation, but only in respect of the foreign currency component detailed in the above form.

6.3.3 No price adjustment directly resulting from the application of the provisions contained in this clause will be applied for increases or decreases in the exchange rate within a variation of: plus or minus 2 percent of the exchange rate(s) mentioned above; or plus or minus \$100 of the total cumulative amount claimed for exchange rate adjustment under the Contract.

6.3.4 On each invoice or claim for payment submitted under the Contract, the Contractor must indicate the exchange rate adjustment amount (either upward, downward or no change) as a separate item. In addition, the invoice must be accompanied by a copy of CBSA Form B3-3, Canada Customs Coding Form, for the imported goods, services or both.

6.3.5 Canada will have the right to audit any revision to costs and prices under this clause.

7. Invoicing Instructions

7.1 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.

Each invoice must be supported by:

- (a) a copy of the release document and any other documents as specified in the Contract;

7.2 Invoices must be distributed as follows:

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

National Defence Headquarters
Mgen George R. Pearkes Bldg
101 Colonel By Drive
Ottawa, Canada
K1A 0K2

Attention: Chantal Trudel QETE/NPB

-
- (b) One (1) copy must be forwarded to the PWGSC Contracting Authority identified under the section entitled "Authorities" of the Contract.
 - (c) One (1) copy must be forwarded to the consignee.

7.3 Holdback

A ten percent (10%) holdback will apply on the total price of the one (1) Mobile Weapon Laboratory Trailer on any due payment of the said vehicle/equipment. Release of the holdback (10%) is conditional upon receipt and certified acceptance by DND of the said trailer and all related items as identified in Annex "A" - Pricing.

Goods and Services Tax or Harmonized Sales Tax (GST/HST), as applicable, must be calculated on the total amount of the claim before the holdback is applied. At the time the holdback is claimed, there will be no GST/HST payable as it was claimed and payable under the previous invoice.

- (a) The original and one (1) copy of the invoice for the holdback must be forwarded to the Procurement Authority identified under the section entitled "Authorities" of the Contract.
- (b) One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.
- (c) One (1) copy must be forwarded to the consignee.

8. Certifications

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.

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 (2012-07-16) General Conditions - Goods (Medium Complexity);
- (c) Annex "A" - Pricing;
- (d) Annex "B" - Purchase Description - Mobile Weapon Laboratory
- (e) Annex "C" - Technical Information Questionnaire - Mobile Weapon Laboratory
- (f) the Contractor's bid dated _____

11. SACC Manual Clauses

A1009C	Work Site Access	2008-05-12
A9006C	Defence Contract	2012-07-16
A9049C	Vehicle Safety	2011-05-16
C2800C	Priority Rating	2011-05-16
C2801C	Priority Rating - Canadian-based Contractors	2011-05-16
D3010C	Dangerous Goods/Hazardous Products	2012-07-16
D5510C	Quality Assurance Authority (DND) - Canadian-based Contractor	2012-07-16
D5515C	Quality Assurance Authority (DND) - Foreign-based and United States Contractor	2010-01-11
D5540C	ISO 9001:2008 Quality Management Systems - Requirements (QAC Q)	2010-08-16
D5604C	Release Documents - Foreign based Contractor	2008-12-12
D5605C	Release Documents - US based Contractors	2010-01-11
D5606C	Release Documents - Canadian-based Contractors	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.

13. Preparation for Delivery

The vehicle / equipment must be serviced, adjusted and delivered in condition for immediate use. The interior and exterior must be cleaned before leaving the factory and being released to DND personnel at the final delivery location.

All vehicles delivered to the consignee are to be delivered between the hours of 8:00 am and 4:00 pm Monday through Friday, except Federal holidays. Any attempt by the carrier to deliver vehicles before or after these hours may be refused unless arrangements have been made for authorized, qualified personnel to be available to perform inspections and to accept the delivery. When the carrier is required to return due to its failure to make an appointment for delivery, Canada will not be liable to pay for additional costs.

14. Shipping Instructions - Delivery at Destination (For Firm quantities)

14.1 The Contractor must ship the goods prepaid DDP - Delivered Duty Paid, Canadian Forces Support Unit, 250 Convair Private, Ottawa, Canada. Unless otherwise directed, delivery must be made by the most economical means. Shipping charges must be shown as a separate item on the Contractor's invoice. The Contractor is responsible for all delivery charges, administration, costs and risks of transport and customs clearance, including the payment of customs duties and taxes.

14.2 The Contractor must deliver the goods by appointment only. The Contractor or its carrier must arrange delivery appointments by contacting the contacts specified in Annex "A"- Pricing. The consignee may refuse shipments when prior arrangements have not been made.

15. Release Documents - Distribution

The Contractor must prepare the release documents and distribute them as follows:

- (a) Copy 1: mail to consignee marked: "Attention: Receipts Officer";
- (b) Copies 2 and 3: with shipment (in a waterproof envelope) to the consignee;
- (c) Copy 4: to the Contracting Authority;
- (d) Copy 5: to:
National Defence Headquarters
Mgen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A OK2

Attention: Chantal Trudel QETE/NPB

- (e) Copy 6: to the Quality Assurance Representative;
- (f) Copy 7: to the Contractor;
- (g) Copy 8: all non-Canadian Contractors to:

DQA/Contract Administration
National Defence Headquarters
Mgen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A 0K2
E-mail: ContractAdmin.DQA@forces.gc.ca.

16. 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 Canada.

17. Progress Reports

The contractor must prepare and submit monthly progress reports in two (2) copies, one to the DND Procurement Authority and one copy of the report must also be forwarded 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.

18. Tools and Loose Equipment

For shipment verification, all items and tools, which are shipped loose with the vehicle/equipment must be listed on the Inspection Certificate (CF 1280) or on an attached packing note.

19. Spare Parts Availability

The contractor must ensure that spare parts required to properly maintain and repair the complete vehicle covered by this specification will be available for purchase by the Department of National Defence, or its authorized agents, for a period of **10 years**.

20. Material

Material supplied must be new unused and of current production by manufacturer. (2012 model-year or later).

21. Design Changes

The "Design Change, Design Deviation and Waiver Procedure" as defined in National Defence Standard D-02-006-008/SG-0001 must apply.

22. Interchangeability

Unless changes during the production run are authorized by Procurement Authority, all vehicles supplied against any one item of a contract must be the same make and model, and all like assemblies, sub-assemblies and parts must be interchangeable.

23. 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.

24. Service at Delivery

The Contractor must send a Service Representative to each delivery destination to perform the assembly/preparation on all vehicles delivered. Cost to provide this service must be included in the price of each vehicle.

ANNEX "A" - PRICING

Item 001 Mobile Weapon Laboratory Trailer (Firm Quantity)

The Contractor must deliver the vehicle/equipment including the sample manuals, CD of all manuals, data summary, photographs, warranty letter(s), preventative maintenance replacement parts kit list and Special tools list and familiarization training in accordance with the attached Annex "B" - Purchase Description - Mobile Weapon Laboratory.

The Mobile Weapon Laboratory Trailer and related items must be delivered to:

Canadian Forces Support Unit (Ottawa) Transportation
Upland Site Hanger 14
250 Convair Private,
Ottawa ON
K1V 2E9

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

Date of delivery: _____ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ _____ per trailer, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

Quantity: 1 (one)

Item 002 Optional Extended Warranty Period

Optional warranty coverage available: YES _____ NO _____

If yes, Canada requests that the Bidder provide details and pricing information of any optional extended warranty period available for the vehicle/equipment and any related items.

(This item will not be included in the financial evaluation)

If exercised, the warranty period will be extended for an additional period of _____ months/calendar days.

Firm unit price of \$ _____ Basis of Payment Type 2 (as detailed in Part 6)

ANNEX B TO W8486-120923

PURCHASE DESCRIPTION MOBILE WEAPON LABORATORY

PART 1 - GENERAL

1.0 SCOPE

1.1 General

This specification outlines the operational performance and technical requirements for a Mobile Weapon Laboratory. This Mobile Weapon Laboratory will be based on a purpose-built enclosed dual axle trailer with the nominal exterior dimensions of 24 ft x 8 feet 6 inches. The trailer is intended to be used as a workshop when small arms are tested away from the Quality Engineering Test Establishment (QETE). The trailer will be towed by a Ford F350 one-ton, dual rear wheel 4 x 4 pick up truck.

1.2 Applicable Documents

The following documents, definitions and acronyms form part of this specification to the extent specified herein. Any other documents are to be considered supplemental information only. Unless otherwise specified, the issue or amendment of documents effective for this contract shall be those in effect on the date of contract award. In the event of a conflict between the documents and the contents of this specification, then the contents of this specification shall take precedence.

1.2.1 The following documents are related to this requirement:

- A-LM-158-005/AG-001 Department of National Defence Transportation Manual ¹
- CSA W47.1 M 1987 Certification of Companies for Fusion Welding of Steel (www.csa.ca)
- CSA W59-03 Welded Steel Construction (www.csa.ca);
- AWS D1.1 Structural Welding Code – Steel (www.aws.org);
- ISO 9606-1 Approved Testing of Welders – Fusion Welding-Part 1:Steel (www.iso.org)
- Canadian Motor Vehicle Safety Standard (CMVSS)
Transport Canada Road Vehicle and Motor Vehicle and Safety Regulations
330 Spark Street, Tower C Ottawa, Ontario K1A 0N5
<http://www.tc.gc.ca/acts-regulations/GENERAL/M/mvsa/menu.htm>
<http://www.tc.gc.ca/eng/acts-regulations/regulations-crc-c1038.htm>
- Highway Traffic Act Ontario http://www.e-laws.gov.on.ca/html/reg/english/elaws_regs_050413_e.htm

¹ The Transportation Manual is not classified and it is available on request from the Quality Engineering Test Establishment Technical Authority.

- Yearbook Tire and Rim Association Inc 3200 West Market Street Akron, Ohio 44321
hppt://www.us-tra.org/traHome.htm.
- Canada Occupational Health and Safety Regulations (SOR/86-304) (Relating to First Aid Kits)
- Under writers Limited Canada Test Standard ANSI/UL 299, CAN/ULC-S504, Dry Chemical Fire Extinguishers
- National Fire Protection Association (NFPA) Code 10, Standard for Installing and Maintaining Portable Fire Extinguishers
- Transport Dangerous Goods DND Manual C-02-040-010/MB-003

1.3. Tow Vehicle

The identification and configuration of the tow vehicle is provided in the Table 1.

1.3.1 *Guidance: The contractor shall bring to attention of the Department of National Defence (DND) Technical Authority and Transportation Authority any observation that would lead to DND procuring a trailer that would not suitable for the purpose intended or could not be safely towed by a Ford F 350 vehicle.*

Table 1

ECC	143167	Description Make / Model	Truck, Pick-up, 4x4, Crew cab, Dual Rear Wheels Ford F350 W3D 920A
GMVOG Code	Q81	DISO Item #	179
Options (included)	403 8-cyl Diesel Engine (6.7L); 026 Dual Rear Wheels, 954 Class IV Towing Prep Package		

1.4 Instruction

The following instructions and definitions apply to the interpretation of this Purchase Description:

- a. a requirement, which is identified by the word “shall” is mandatory. Deviation is not permitted;
- b. a requirement identified as “shall ^(E)” is mandatory. The Department of National Defence (DND) Technical Authority will consider substitutes / alternatives for acceptance as an equivalent;
- c. a requirement identified with the word “will” defined actions to be performed by Canada and require no action / obligation on the part of the contractor;

- d. where “shall” or “shall ^(E)”, or will are not used, the information provided is for guidance only;
- e. in this document “provide” means “provide and install”;
- f. the Contractor, upon request by DND shall provide a copy of the certification or an acceptable proof of compliance where technical certification is required;
- g. where a standard or specification is required and the bidder offers an equivalent, that equivalent standard shall be provided by the Contractor upon request;
- h. where equipment certification to an SAE or CSA standard is required, the Contractor shall provide the certification upon request;
- i. non-metric measurement shall be used to define the requirement except to specify highway and road speeds; and
- j. definitions stated as nominal shall be treated as approximate dimensions. Nominal dimensions reflect a method by which material or products are generally identified for sale commercially in Canada and the United States of America but which differ from the actual dimensions.

1.5 Definitions

The following definitions apply to the interpretation of this Purchase Description:

- a. Technical Authority – The Government of Canada official who is responsible for the technical content of this requirement;
- b. equivalent – A standard, means, or component type, which has been accepted by the DND technical authority as meeting the specified requirement for form, fit function and performance;
- c. Proof of Compliance – A document such as a brochure, a third party test report, a report generated by a third party software, or a certificate of attestation signed by a senior representative of the Original Equipment Manufacturer (OEM) (such as a certified engineer) indicate the performance and / or feature specified;
- d. Road Legal – These are the characteristics that a vehicle requires so that it can be legally operated on all Canadian highways and secondary roads, not having special restrictions, without requiring overweight or dimensional limits;
- e. the term “Quality Assurance Representative” is defined as the government officer responsible for ensuring that the Contractor quality system, material and service supplied meets the contract requirements; and
- f. “guidance” is defined as a requirement that the Bidder may follow. The guidance is provided to indicate a preferred component Make and Model or dimension that, in the opinion of the DND Technical Authority, would best used for the application.

However, deviating from guidance does not consider the bid non-compliant. The term Guidance is also used in this document is to convey information to the Contractor.

ANNEX B TO W8486-120923

PART 2 - TRAILER SPECIFICATION

Manufacturer Model			Indicate Compliance	
			Yes	No
Mandatory Requirement				
1	Technical Information Questionnaire			
1.1.1		The bidder shall complete a Technical Information Questionnaire for the workshop trailer being offered. The applicable form is located at Annex C. The questionnaire shall be typed written and legible.		
1.1.2	Guidance	<i>A nil response to a Technical Information Questionnaire question may be considered non-compliant. Any deviation from the Purchase Description shall be listed in the Conformance Certificate.</i>		
1.2	Manufacturer's Performance Requirements			
1.2.1		The trailer manufacture shall have not less than five years (5 years) of relevant experience in designing and manufacturing of a comparable type of equipment of equivalent or of greater complexity.		
1.2.2		The trailer used to construct the workshop unit shall be purpose built for the application or the Bidder's own product, or the product of the company for which the Bidder is an authorized representative.		
1.2.3		The trailer shall conform to all applicable laws, regulations and industrial standards governing manufacture, safety, noise levels and pollution in effect in Canada at the time of manufacture.		
1.2.4		The Bidder shall include all components, equipment and accessories normally supplied for this application, although they may not be specifically described in this purchase description.		
1.3	Standard Design			
1.3.1		Trailer shall be purpose-built or the manufacturer's latest model. The trailer or a similar product manufactured by the company shall have been proven in service for this general application for at least one year, or, have objective evidence, from a manufacturer (at least five years in industry) of recently introduced equipments capability to satisfy performance requirements, submitted with the bid.		
1.4	Standard Components			
1.4.1		The trailer shall ^(E) have commercially available standard parts complying with commercial standards.		

1.5	Inter-changeability		
1.5.1		All components, assemblies and sub-assemblies used in the construction shall be designed and manufactured to dimensional tolerances, which will permit inter-changeability and facilitate replacement parts.	
			Indicate Compliance
			Yes Yes
1.6	Maintainability		
1.6.1	Guidance	<i>All maintenance and repair tasks, especially routine operator maintenance, should be easy to perform with a minimum of special tools and skills.</i>	
1.6.2		The bidder shall recommend a set of standard tools for operator maintenance, tire changing, lubrication etc. The list of tools shall be provided at the time of delivery.	
1.6.3		The Contractor shall provide basic tools such as a tire iron, awning crank handle, levelling jack handles etc needed to deliver a fully functional product. These tools shall be stored in a purpose built compartment	
1.6.4		The Bidder shall provide two sets of keys for each lock installed on the trailer.	
1.6.5		The trailer design and construction shall ^(E) enable ready access to all equipment for inspection, cleaning and maintenance.	
1.7	Climatic Conditions		
1.7.1		The trailer shall provide QETE the capability to operate under adverse weather and conditions in Canada on DND ranges and training areas anywhere in Canada in the temperature range -28 degrees C to 32 degrees C. (-20 deg F to 90 deg F).	
1.8	Safety		
1.9	Vehicle Safety Regulations		
1.9.1		The trailer shall meet the provisions of the Canadian Motor Vehicle Safety Act (CMVSA) in effect on the date of manufacture of the trailer. The trailer shall carry the National Safety Mark.	
1.9.2		The trailer shall operate safely on paved, gravel and dirt roads. The trailer must be capable of traveling over range tracks at very low speeds with severe washboard, pot holes and limited off-road terrain year-round including mud, snow and ice.	
1.10	Conspicuity Tape		
1.10.1	Guidance	<i>The tape should be a high quality commercial-grade product such as 3m Scotchlite Diamond Grade 980 or a Design Authority approved equivalent.</i>	
1.10.2		Strips of reflective tape shall be applied in accordance with good industrial practices.	

1.10.3		White reflective tape shall ^(E) be applied horizontally near the floor line on each side of the rear body and at the upper rear corners of the body. All tape shall ^(E) be installed in accordance with existing regulations.		
1.11	Human Engineering and Safety			
1.11.1		The trailer shall be safe and easy to use by a 95th percentile male or 5th percentile female under all operating conditions.		
1.11.2		Entry and exit points shall be equipped with handles and steps suitably positioned where required, to accommodate a 5th to the 95th percentile male or female under all operating conditions.		
1.11.3		Safety features such as warning and instruction plates, handles, steps, non-slip surfaces and protective shields shall be provided where required.		
1.11.4		Appropriate floor covering / coating to prevent contamination by petrol, oil and lubricants shall be provided.		
1.11.5		Construction shall be free from sharp edges and protruding objects capable of snagging loose clothing or impeding occupants while moving about.		
1.12	Supportability			
1.12.1		The trailer shall be supported by the Mobile Support Equipment (MSE) Section of Canadian Forces Support Unit (Ottawa) located at Hanger 14 at the Uplands Site	N/A	
Technical Requirements				
2.	Standard of Construction			
2.1.		The trailer shall be constructed in accordance with and compliant to, all relevant portions of the Canadian Welding Bureau standard (or equivalent for manufacturers outside Canada) for the size, weight and style of the trailer being provided. Manufacturer or individual welders involved in the welding of the trailer shall hold welding certificates to one of the following standards: <ul style="list-style-type: none"> a. Canada – Current division three certification in accordance with CSA W 47.1; b. United States of America – Current certification in accordance with AWS D1.1; or c. International – Current welder performance qualification for steel joints welds in accordance with ISO 9606-1 		
2.2		A letter of validation demonstrating proof of current certification from the appropriate agency shall be provided with the Bidder’s submission. All welds shall be inspected by a certified Welding Inspector (in accordance with the above standard) and copies of the welding certifications shall be		

		provided with the trailer.		
2.3		(See Section 1.9.2 above) The contractor shall ^(E) take appropriate measures to allow the trailer to travel over rough roads and terrain with being damaged by brush. Potentially vulnerable areas will be protected by skid plates and wiring located on the underside of the trailer shall ^(E) be protected.		
3	Construction Material			
3.1.1	Guidance	<i>The intended in-service life of this trailer is 20 years.</i>		
3.1.2	Guidance	<i>The Canadian Forces Deputy Provost Marshall (Security) will be requested to inspect the plans for the trailer and provided advice to the DND Technical Authority on the design and construction of security systems.</i>		
3.1.3	Guidance	<p><i>The trailer shall be separated into two compartments: a forward storage area and a workshop area in the rear.</i></p> <p><i>The front compartment shall accommodate a storage area, an air compressor, a generator and electrical distribution panel and equipment as described later in this specification. An insulated wall shall separate the front and rear compartments. The wall shall be provided with a sliding door which must include a secure lock.</i></p> <p><i>There shall be no windows in the storage area. The dimension should be approximately 60 in deep and run the full width of the trailer. The area will be provided with overhead 12V and 110V lighting controlled by separate switches.</i></p> <p><i>The main or rear compartment shall accommodate a workshop. The workshop shall contain hard wood top work benches, a weapon cabinet and cabinets for tools and test equipment. The workshop shall be accessible by a curb side access door and a rear ramp.</i></p> <p><i>The same type and quality of flooring shall be used throughout the trailer.</i></p> <p><i>The same aluminum interior skin shall be used throughout the trailer.</i></p>		
3.2		All components, equipment and material shall be new material of high quality and capable of trouble free operation in Canada for the intended life of the trailer.		
3.3		All material shall be corrosion resistance and suitable for use in Canada where salt is used on all highways.		
3.4		All material exposed to sunlight shall resist degradation from ultraviolet radiation.		
3.5		Any dissimilar metals employed in close proximity shall be		

		insulated from each other to prevent galvanic interaction.		
3.6		The trailer will be left unattended at the National Printing Bureau Building and at various Canadian Forces bases and training areas across Canada. The Contractor shall provide the highest quality locks and other security devices to prevent unauthorized entry and theft.		
4	Frame / Chassis			
4.1	Guidance	<i>Trailer dimension. A 3/16 inch (0.48cm) margin is accepted in regard to the dimensions in this specification regarding the frame and chassis</i>		
4.2		All aluminum construction shall be used. Chassis shall ^(E) be constructed with: <ul style="list-style-type: none"> ➤ 2 in x 8in I beams shall ^(E) be used. ➤ 4 3/8 inch cross members, placed 16 in On Centre shall ^(E) be used. 		
5	Jack			
5.1		7,000 lbs drop leg jack on trailer tongue		
5.2		Rear: two levelling manual jacks		
5.3		Front: two levelling manual jacks		
6.	GVWR			
6.1		Total carrying capacity shall be 9,950 lbs		
7.	Axles and Suspension			
7.1		Two axles shall be rated 6,600 lbs each Rubber torsion axles shall ^(E) be used Identification plates shall be provided Torsion bar system to stabilize trailer with heavy-duty anti-sway control shall ^(E) be provided.		
8.	Wheels and Tires			
8.1		The Contractor shall ^(E) provide: 16 x 16 x 8, 8 bolt wheels Provide four polish aluminum rims ST 225 /85 R15 tires Tires shall ^(E) be 8 ply or better		
9	Spare Tire			
9.1		Provide spare tire mounted on polished aluminum rim Provided with protective cover Provided with an anti-theft device Shall ^(E) be mounted on towing beam or other suitable location.		
10.	Brakes			
10.1		Electric surge brakes on all four wheels with seven pin connector shall be provided		
10.2		Breakaway kit shall be provided		
11.	Paint Colour			
11.1		Exterior paint colour – White		
11.2		Interior paint colour – White		

12.	Trailer Hitch		
12.1		The trailer shall be provided with a heavy duty 2 5/16 in hitch The hitch shall be provided with an anti-theft device	
13.	Overall exterior dimensions		
13.1		Overall outside length 24 feet – (exclusive of tongue).	
13.2		Overall outside width 102 inches.	
13.3		Inside height not less than 84 inches.	
14.	Roof		
14.1		Roof shall ^(E) out of a single sheet of aluminum.	
14.2		Nominal thickness of at least 0.04 inch with no joints.	
14.3		Roof perimeter shall have a built in roof drip rail.	
14.4		Roof corners shall have welded-in radiused casting.	
14.5		Roof supports shall ^(E) be 2 in x 2 in x 3/16 in 6061-T6 structure square tubing on 16 in centres Sheet metal glued to structure Joints to be glued no rivets or screws.	
14.	Roof Platform Area		
14.6.1	Guidance	<i>DND anticipates that the tie down straps will be stored in the roof to basket. Ideally, the anchors should be recessed into the deck of the platform so they do not present a hazard to the operators.</i>	
14.6		The trailer shall be provided with a level roof-top work platform.	
14.7		A roof platform shall have a walk-on non-slip surface. It shall ^(E) be full length and made of aluminum. It shall not be painted.	
14.8		The platform shall ^(E) be fitted with a removable or retractable safety rail system. It shall ^(E) be possible to mount a camera and tripod or radar on the roof platform accompanied by up to two operators.	
14.9		The roof platform shall be fitted with multiple anchor points to tie down equipment items and cargo. The Contractor shall provide the appropriate tie down straps in order to deliver a completely functional system.	
14.10		Bi-lingual (English / French) safety weight restriction / warning sign shall be affixed to rear exterior wall of the trailer near service ladder leading to the roof platform that specifies the weight safety limit of the platform.	
15.	Roof Basket		
15.1		A roof basket, recessed into the roof rack framework shall ^(E) be provided for maximum basket depth. The surface area of the basket shall ^(E) be determined in consideration with the position the air conditioning unit.	
15.2		The dimensions of the roof basket shall ^(E) be Length 24in Width 18in and Height 24in.	
15.3		The basket shall be made of aluminum, have water proof seals and be lockable with a padlock or it shall have an	

		installed lock.		
15.4		The roof basket shall be fastened to the roof without drilling through to the interior of the trailer.		
16	Service Ladder			
16.1		A permanently-mounted heavy-duty aluminum ladder shall provide access to the roof from the rear of the trailer. The ladder shall ^(E) be designed and built using aluminum non-skid rungs and to allow safe access to the roof. The ladder shall not be painted.		
16.2		The ladder shall ^(E) have a telescopic or hinged section that can be extended down to the ground.		
16.3		The ladder handles shall extend above the roof line to provide safe and comfortable handholds when the operator reaches the top of the ladder.		
17	Body Construction			
17.1		The trailer shall be all aluminum construction, all welded modular body, complete with the following features:		
17.2		One piece 1/8 in thickness 5052 body panels welded to 2 in x 3 in x 1/4 in 6061-T6 channel with extruded corners. One horizontal seam shall ^(E) be allowed if required because of the overall size of the trailer.		
17.3		Body wall shall ^(E) be reinforced by 2 in x 2 in x 1/8 in square tubing channel uprights of 6061-T6 alloy on a maximum spacing of 16 in on centres.		
17.4		Where attachment of interior installed equipment is to be made, or in an area of high stress, additional reinforcement 2 in x 3 in x 1/4 in shall be installed.		
17.5		To prevent body panel distortion, roof and wall supports shall be bonded to the exterior panels using a high quality adhesive tape applied to the full contact area.		
17.6		Floor structure shall incorporate a network of 2 in x 3 in x 1/4 in extruded structural channels on 16 in centres along with perimeter angles and mounting rails.		
17.7		The underside of the floor structure shall ^(E) be covered / lined with a 1/16 in aluminum skin to allow support for the insulation.		
17.8		Body floor in the compartments (forward and rear) shall ^(E) consist of 3/16 in aluminum diamond grip checker plate with a non-slip finish only, plug welded and sealed to prevent moisture entry.		
17.9		Body shall ^(E) install on the frame using a minimum of 12 rubber isolation mounts.		
17.10		Prior to fitting the interior, the entire body shall be properly sealed then wall, doors and ceiling shall ^(E) be insulated with a high-density fibreglass or spray on insulation providing a minimum R value of R15.		
17.11		All metal body components including under structure shall be		

		aluminum.		
18	Interior Cladding			
18.1		Interior cladding shall be 3/8 inch plywood covered with 0.03 inch white aluminum sheeting.		
19	Front Compartment			
19.1	Guidance	<i>Nominal dimensions Width 102 in, Height: Full interior height and Depth: not less than 60 in. Dimension may vary because of the size of the generator and air compressor compartments.</i>		
19.2		Compartment shall be located at the front of the trailer. Dimension: All dimension nominal Width: Full width interior of the trailer. Depth: Not less than 60 inches. Height: Full interior height of the trailer.		
19.2		Independent access with insulated partition wall and sliding lockable door.		
19.3		Three sub-division total: 1) Storage unit for the gasoline generator on the curb side which shall include a slide-out drawer. 2) Storage unit for the air compressor on the driver's side which shall included a slide-out drawer. 3) Centre / middle sub-division to be accessible from the inside the trailer only to be used to store two (2) deep-cycle marine style 12V batteries, battery charger / inverter and voltage regulator.		
19.4		All sub-divisions shall be equipped with built-in switch lights.		

PART 3 – INTERIOR AND EXTERIOR DETAILS

20.	Windows			
20.1	Guidance	<i>Workbenches should be centred under the windows on the curb side The remainder of the windows should be installed at equal distance in accordance with best industry practice.</i>		
20.1.2	Guidance	<i>Ideally, the windows, glass and installation should be security rated.</i>		
20.2		Provide five (5) 15 in x 30 in horizontal sliding windows with screens. All dimension nominal. Windows shall be high quality and lockable.		
20.3		Window height from the top of the trailer frame bed should be a nominal height of 72 in.	N/A	N/A
20.4		Two windows shall be installed on the curb side and three shall be installed on the driver's side.		
20.5		Windows shall be thermo pane design.		
20.6		Windows shall ^(E) have light to medium tinted glass.		
20.7		Windows shall have a locking device		
21.	Storage Compartments			
21.1	Guidance	<i>The exact dimension of the storage compartments cannot be determined until the Contractor has selected the generator, batteries and air compressor. Two main compartments shall be accessible from outside the trailer on the driver and the curb side. The battery compartment will only be accessible from the inside of the trailer.</i>		
21.2		The compartments shall ^(E) be provided and form three separated spaces		
21.3		The curb side compartment shall ^(E) provide storage for the 6.5 kW gasoline generator.		
21.4		The road side compartment shall ^(E) provide storage for an air compressor.		
21.5		Both compartments shall be provided with slide out trays / drawers for maintenance purpose. The drawer shall be rated for 15 % more weight than for the weight of the generator or the air compressor.		
21.6		The third internal or centre compartment		

		shall ^(E) be used to store two 12V deep-cycle marine style batteries, battery charger and voltage regulator.		
21.7		All compartments shall be provided with 12 VDC lights and built in automatic light switch.		
21.8		The compartments shall be constructed out of aluminum.		
21.9		The compartments shall be insulated.		
21.10		The two exterior compartments shall be provided with keyed locks.		
21.11		The battery compartment shall be protected from chemical corrosion resulting from spilled battery acid.		
22.	Doors			
22.1		Main access door shall be at the curb side and at the rear of the trailer.		
22.2		Doors shall be constructed using a one piece 3/16 in 5052 aluminum skin. The interior of the doors shall ^(E) be lined with a fiberglass reinforced plastic panels used in the construction of Recreational Vehicles. The exterior of the access door shall be fitted with an interior and exterior lower aluminum diamond plate-kick panel of not less than 16 inches in height. Overall nominal thickness shall ^(E) be 2 inches.		
22.3		Doors shall be fitted with 2 ½ in open stainless steel piano hinges with a ¼ in stainless steel pin. Hinges shall be bolted to the door jamb using ¼ in stainless steel bolts on 4 in centres.		
22.4		Specific extruded 6061-T6 jamb shall be welded into door openings, complete with integral automotive style bulb seals to prevent moisture entry.		
22.5		Main access door (curb side) shall be fitted with two stage approved rotary latch.		
22.6		Curb side entry door shall ^(E) have a stationary Lexan window or close equivalent in the upper section with a removal velcro cover.		
22.7		The door will be equipped with access steps that will be re-tractable (pull out) from a		

		purpose built storage compartment located below the interior floor level. No lock required.		
23.	Rear Access Ramp			
23.1		All aluminum rear ramp. The ramp shall be reinforced to so that a 400 lbs load can be wheeled into the trailer.		
23.2		Nominal dimensions shall ^(E) be width 55 inches x height 80 inches		
23.3		Two large compression cam-locks on right and left side of the ramp door with provision for padlocks shall be provided.		
23.4		Moulded rubber door seals with rain gutter above door shall be provided.		
23.5		Mechanical device to assist operator to raise and lower ramp under control shall be provided.		
23.6		Four welded aluminum hinges with 10-ga satin-coat steel profile and 3/16 inch) doorsill shall ^(E) be provided.		
23.7		Insulated and lined same as interior.		
23.8		Ramp surface to be provided with an anti-slip surface.		
24.	Interior Door			
24.1		Provide insulated sliding door with a locking system between the workshop area and the forward storage area.		
24.2		Door shall be constructed of aluminum		
24.3		The exterior and interior of the door shall be fitted with a lower aluminum diamond plate-kick panel.		
24.4		There shall be no window in this door.		
25.	Mud Guards			
25.1		The trailer shall provide heavy-duty mudguards.		
26.	Gasoline Generator			
26.1	Guidance	<i>The contractor will provided a commercial grade, heavy duty cycle 6.5 kW generator that is connected to the trailer electrical system.</i>		
26.1.1	Guidance	<i>The slide out tray feature is required to facilitate repairs and servicing to the unit. This feature will be used to ensure that toxic fumes do not enter the trailer.</i>		
26.1.2	Guidance	<i>Compartment dimension should be approximately Length 46in, height 34in and Depth 30in. The exact size will depend on</i>		

		<i>the generator selected.</i>		
26.2		The Contractor shall provide a quiet running gasoline 6.5 kW generator.		
26.3		This unit shall be National Fire Protection Association (NFPA) compliant with a five year warranty or 1,000 hours		
26.4		This unit shall be Canadian Standards Association (CSA) certified factory tested for two hours under full load.		
26.5		The generator shall ^(E) be mounted on a slide out shelf / tray for ease of service. The drawer shall have a 100 percent extension capability to support a generator with a nominal weight of 270 pounds. The tray shall be fitted with a spring-lock option. In accordance with Item 21.5 the drawer shall be rated for 15 % more weight than for the weight of the generator or the air compressor.		
26.6		The generator should be installed in a weatherproof acoustic compartment located above the frame of the trailer on the curb side of the trailer, and mounted on a slide out tray.		
26.7		The generator shall ^(E) be mounted on vibration dampening mounts. All controls and components required for normal operation shall ^(E) be readily accessible with the engine slid into the compartment. All other components such as filters, lines and hoses shall ^(E) be readily accessible once the engine is slid out of its compartment.		
26.8		To direct the exhaust away from the trailer a removal 10 foot flexible stainless steel hose shall be provided. The hose should be capable of being stored in the generator compartment.		
26.9		The generator compartment shall be secured with a locking device.		
27.	Air Compressor			
27.1	Guidance	The Contractor should note that the operator is intended to have access to compressed air at various locations along both sides of the interior of the trailer. DND suggest that the compressed air plumbing (pipe) be routed through the overhead raceways on both		

		<p>sides of the trailer.</p> <p>The operator must also have access to compressed air through access panels on the driver and curb side of the trailer.</p> <p>The Contractor shall provided hose reels in compartments on both sides of the trailer and directly above the Generator and Air Compressor compartments.</p> <p>The air compressor compartment shall be located on the driver’s side of the trailer and located above the frame of the trailer.</p> <p>The compartment doors shall be lockable.</p>		
27.2		Air compressor shall have a proscribed specification of a not less than 3.4 PCM at 90 Psi.		
27.3		<p>Two (2) automatic hose take-up reels sets on the curb side and one on the driver’s side.</p> <p>Two (2) independent shut-off valves.</p> <p>Two (2) external outlets as the same compartments as the electrical outlets.</p>		
27.4		Provide 3/8 inch diameter pipe for two outlets on the upper part of each side of the trailer with compressed air outlets at the workbench stations.		
27.5		Air pipe shall (e) be routed through the angle boxes (raceway) mounted on both sides of the trailer ceiling.		
27.6		To be fitted with independent shut-off valves.		
28.	Awning			
28.1		Shall provide one manually operated awning mounted on the driver side of the trailer wall with a nominal dimension length of 12 feet.		
28.2		There shall be two work lights mounted below the awning to provide lighting when the awning is deployed.		
29.	Rear Bumper			
29.1		A flat rear bumper meeting the CMVSS standard for trailers shall be constructed and installed at the rear of the trailer. The bumper shall be of all steel construction and		

		securely affixed to the trailer frame.		
30.	Access Step			
30.1		Flip out hinged self-supporting staircase with aluminum safety tread channel riser and flip out RV-style hand rail.		
31.	Levelling Stabilizers			
31.1		The trailer shall ^(E) be equipped with four (4) manually-operated levelling stabilizers capable of supporting the whole weight of the trailer. (See Section 5 – Jacks)		
31.2		A bubble style level system shall be provided assist in rendering the trailer level.		
32.	Towing and Tie Down Points			
31.1	Guidance	DND anticipates that the trailer may be transported to distance locations for special project. The trailer must be capable of being transported by tractor trailer (road) and by rail. It is also anticipated that the truck and trailer could become mired in snow or mud and will have to be pulled free		
32.2		Provide two rear towing points positioned and of sufficient strength to permit the loaded trailer being recovered.		
32.3		Provide railway / flatbed tie downs points front and rear and of sufficient strength to permit securing and transporting a loaded trailer on a flatbed railroad car or flatbed tractor-trailer.		
33.	Dangerous Goods Placard Holders			
33.1	Guidance	DND has experience difficulties where the Contractor has installed the Dangerous Goods placard holder incorrectly. Bidders are requested to consult with the DND Technical Authority for DND specifications.		
33.2		The bidder shall install four Dangerous Good placards in accordance with Transport Dangerous Goods Manual C-02-040-010/MB-003.		
34.	Licence Plate Holder			
34.1		A rear holder shall be provided		
35.	Document Holder			
35.1		A holder shall be provided, and should be installed at the front of the workshop.		
36.	Electrical System – Trailer 12 Volt			

36.1		The trailer shall be equipped with a 12-volt negative ground electrical system.		
36.2		Wiring protected by insulating grommets, where passing through metal;		
36.3		The appropriate seven pin trailer plug connector		
36.4		A sealed wiring harness system, extending at least approximately 36 inch beyond the end of the outlet on the trailer.		
36.5		The trailer shall be provided with not less than four 12 V overhead lights controlled by a light switch at the rear access door. Three light fixture shall be installed in the workshop and one in the forward Storage Area		
37.	Trailer Exterior Lighting 12Volt			
37.1		<p>The Contractor shall provide a complete CMVSS compliant trailer electrical system including lights, electrical switches and connectors.</p> <p>All exterior lighting required by CMVSS shall be provided, including the following:</p> <ul style="list-style-type: none"> ➤ Rear tail/stop (two per side) and back-up lamps are to LED, sealed and shall ^(E) shock mounted. ➤ Compact clearance lights shall be mounted as required; ➤ License plate lamp, complete license plate bracket mounted on the rear of the trailer in accordance with the Highway Traffic Act requirement pertaining to trailer construction. 		
37.2		Protective covering or sleeves when wiring is exposes outside the trailer enclosure; LED lighting where applicable and desirable.		
37.3		A schematic diagram that provides the electrical configuration of the trailer shall be delivered with the completed trailer.		
38.	Electrical Specifications			
38.1		One electrical connector with male connector with a 12 in x 12 in a floor-level compartment with locking door on curb side and driver's side.		
38.2		110V – 220V, 200A breaker panel mounted		

		in the storage compartment.		
		Wire harness shall be protected by manual reset circuit breakers.		
38.3		Wiring shall be colour-coded, numbered and flame retardant.		
38.4		Wiring shall be in split loom tubing to prevent abrasion where required or placed in plastic chases.		
38.5		All 110V wiring shall ^(E) be installed in ceiling mounted angle boxes / raceways on each side of the trailer.		
38.6		The raceways shall be constructed to allow addition circuits to be added at a later date.		
38.7		Main electrical junction box shall ^(E) be located in the forward storage compartment at an appropriate location.		
38.8		An inverter / battery charger, with an automatic transfer switch shall be installed in the forward storage compartment. It will charge the two auxiliary batteries from either an AC or generator power source.		
38.9		Two (2) 12V glass mat deep discharge batteries, connected in parallel, shall be installed in the forward compartment.		
38.10		Batteries shall be charged through the dual-purpose inverter / charger. Main feed cable (not generator start) shall be protected by a marine type fuse of the appropriate capacity.		
38.11		A switch console shall ^(E) be installed adjacent to the curb side entry door		
38.12		Quantity Fifteen (15) – 110V duplex receptacles installed overall.		
38.13		Four (4) of duplex receptacles shall be installed in angle boxes equally spaced on each side of the trailer ceiling.		
38.14		Four (4) of duplex receptacles shall ^(E) be mounted 45 in (114cm) from the floor just above the work benches surfaces.		
38.15		One (1) duplex receptacle shall be installed on the partition wall directly below the breaker panel.		
38.16		Four (4) duplex receptacles shall be installed on the exterior of the trailer. Two in the 12 in (30.5cm) x 12 inch (30.5 cm) access door and the two other at the rear of the trailer.		

38.17		Two (2) duplex receptacles shall be located in the storage area.		
38.19		The successful bidder shall supply the DND with an AC and DC wiring diagram, CEC and ESA certifications and Computer Aid Design (CAD) drawings of the trailer at the time of delivery.		
38.20		A 25 ft generator to trailer cable shall be provided, and be connected to the shore power inlet on the input panel.		
39.	Electrical Circuits			
39.1		The following independent circuits shall ^(E) be provided and will be confirmed upon the completion of the final design by the Contractor: <ul style="list-style-type: none"> ➤ One circuit for the lights; ➤ Four circuits for workshop equipment receptacles; ➤ One circuit to include the refrigerator, coffee maker and microwave oven; ➤ One circuit for each forced air heater; and ➤ One circuit for the air conditioner. 		
40.	Light Switches			
40.1		All shall be set on 15A breakers		
40.2		Shall ^(E) be mounted beside the rear access door		
41.	Fluorescent Light Fixtures			
41.1		One three-way light switch to the 48 inch light fixture in the storage area.		
41.2		Two (2) three-way switches to the 48 inch florescent light fixture in the workshop area.		
41.3		All florescent fixtures shall be installed in the angle box / raceways in the sides of the trailer ceiling.		
42.	Heating and Cooling			
42.1		One (1) 13,500 BTU air condition / heater combination unit shall be installed above the roof line.		
42.3		Unit shall be capable of being powered by both generator and shoreline power.		
42.4		Independent electrical circuit		
42.5		Three (3) 750W 120V wall mounted forced-air heaters.		
42.6		Each heater shall have an independent		

		thermostat.		
43.	Outdoor Work Lights			
43.1	Guidance	<i>Lights identical in fit, form and function to those used on emergency vehicles.</i>		
43.2		Two nominal 500 watt waterproof telescopic adjustable mast-mounted work lights.		
43.3		Light switches for each light to be installed next to the access ramp doorway		
43.5		Each light must be installed on and enabled to move up and down on a retractable / adjustable mast. One mounted on each side of the rear of the trailer.		
43.6		CSA approved		
43.7		Complete with grounding wire		
43.8		Complete with junction box		
44.	Protection			
44.1		Nominal 24 inch high (61cm) chequered or embossed aluminium protection plate (thread plate) shall be laid along the full width of the front of the trailer to protect against gravel`.		
44.2		The supplier shall ^(E) use or provide stainless steel, zinc plated or galvanized fasteners to protect the trailer from galvanic corrosion.		
44.3		All exterior components shall ^(E) be fully protected from road hazards such as water, salt, mud and gravel.		
45.	Paint / Finish			
45.1		The trailer shall be painted in accordance with the manufacturer's best production procedures using standard commercial practices and materials, rendering a durable finish at the required film thickness and a smooth appearance free from runs, sag and orange peel.		
45.2		The trailer shall be coloured (painted) white on all exposed interior surfaces normally painted for commercial trade.		
45.3		Chrome, polished and mill finished surfaces shall not be painted.		
45.4		All ferrous metal shall be protected from rust using an industry standard rust proofing undercoating.		
45.5		The identification of the supplier, manufacturer and / or retailer and		

		commercial decals and symbols shall not be fixed to the body of the trailer except where specified under "Identification".		
46.	Anchor Points Workshop			
46.1	Guidance	<i>Frequently, the trailer will be used to transport gun mounts and other heavy items to and from the firing range. DND is seeking a flexible system of tie-down and anchor points to secure equipment including hard plastic cases.</i>		
46.2		The Contractor shall ^(E) provided ten (10) anchor points, flush floor fitted to be aligned with the rear access door frame to the left and right of the opening.		
46.3		First set of anchors to start 8 inches from the rear edge of the trailer		
46.3		Remaining anchors to be spaced 20 inches apart.		
46.4		The anchors shall ^(E) be stainless steel or coated or protected to be rust resistant		
47.	Anchor Point Forward Compartment			
47.1		Two (2) anchor points flush floor fitted in forward storage compartment area.		
47.2		Shall be in line with the frame of the sliding door opening. Centred on the length of the compartment		
47.3		The anchors shall ^(E) be stainless steel or coated or protected to be rust resistant.		
48.	E-Track			
48.1	Guidance	E-track is a non-proprietary term used in the trailer, RV and truck body manufacturing sector. E-Track is a modular tie-down and storage system used for any enclosed trailer. DND recommends that the Contractor use 12 gauge commercial grade steel track designed to accept tie-down straps and hardware with series "E" end fittings. 46,000 PSI load rated. Vertical configurations. Galvanized. ¼" attachment holes on 2" centers. Width 2 inches.		
48.2		Three rows of E-Track shall ^(E) be installed on both rear side walls starting from the rear edge of the trailer. Nominal length 8 feet for each row.		

		<p>The E-track shall be installed at three separate heights from the floor:</p> <ul style="list-style-type: none"> ➤ 24 inches ➤ 36 inches and ➤ 48 inches 		
49.	Cabinets and Work Tables and Work Surfaces			
49.1	Guidance	<p>DRAWERS AND SUSPENSION SYSTEMS REQUIREMENTS:</p> <p>Each drawer shall ^(E) have the capability to hold a maximum of 440 lbs weight capacity.</p> <p>Each drawer shall ^(E) have perforated holes throughout the entire drawers of diameter x 4.3mm or 0.16 inches x 34mm or 1.33 inches centre distance.</p> <p>Each Cabinet shall ^(E) be able to accommodate slotted drawer partitions provided by the OEM.</p> <p>Cabinet housing supports shall ^(E) be slotted at 1 inch increments to allow for maximum flexibility</p> <p>Cabinet drawers shall ^(E) have partitioning slots on all four inside faces of the drawers. The pitch between slots is to be nominal x 17mm or 0.66 inches x 12mm or .47 inches wide.</p> <p>Cabinet shall ^(E) have 100% full extension drawers and roll-out trays to enable continuous smooth extension up to and including, at the maximum 440 lb. load.</p> <p>Cabinet Drawers shall ^(E) have 100% full height sidewalls to prevent the items stored in the drawers from falling out on either of the sides or the back of the drawer.</p> <p>Cabinet drawers shall ^(E) have handles that are full width of the drawer, ergonomically designed such that when the drawers close; the handles are flush with the housing so that nothing protrudes.</p> <p>Cabinets shall ^(E) have hinged plastic cover drawer handle covers and label holders that easily open to allow for the easy replacement of the labels. The Cabinet system shall ^(E) be provided with manufacturer’s custom downloadable Label Script at no cost to DND</p>		

		<p>Cabinets shall ^(E) have an interlock system that is designed to prevent it from tipping. This is achieved whereby when one drawer is extended; all the other drawers are locked in the closed position to prevent any extra weight of the other drawers causing it from tipping forward.</p> <p>The suspension system shall ^(E) incorporate a guide track that wraps under the drawer body to provide additional stability and strength. Propelled by quiet bearings, combining strength, hardness, dimensional stability, fatigue resistance, for low wear and low friction to result in a smooth and quiet operation.</p> <p>The OEM shall ^(E) provide a lifetime warranty on roller bearings and drawers suspension Systems.</p>
49.2	Close Double Workbench	
49.2.1	Guidance	<p><i>DND does not intend to provide the Contractor specific details as to the exact location / placement of the workbenches and the cabinets.</i></p> <p><i>The Contractor shall be required to decide where to place the workbench and cabinets once an analysis has been performed to determine the most effective weight distribution. Final location of cabinet shall be approved by DND Technical Authority.</i></p>
49.2.2	Closed Double Workbench	<p>Dimension; all dimensions nominal</p> <ul style="list-style-type: none"> ➤ Width: 8 feet ➤ Depth: 30 inch ➤ Height: 34 inch <p>Top: 1 ¾ inch laminated hardwood work top with varnish finish.</p> <p>All steel construction; Back stop ¾ inches high; Four steel shelves depth 12 inch in cabinet under workbench. Two sets of sliding doors with locks; Colour of metal: Red Location Curb side</p> <p>The exact position of the unit will be determined during inspection visit to the contractor by the DND Technical Authority.</p> <p>Workbenches shall ^(E) be bolted to the floor with floor plates kits through frame reinforcement plates.</p>
50.	Cabinets	
50.1		The cabinet system shall ^(E) be of high quality and possess the

		<p>following features of characteristics:</p> <ul style="list-style-type: none"> ➤ Butcher block or laminated hard wood satin finished 1 ¼ in thick cabinet top that is flush with the cabinet dimensions; ➤ Hinge locking bar on the outer edge of the cabinet fitted for a 5/16 in diameter padlock; ➤ Fitted with removable core lock and provided with two keys; ➤ Cabinets to be fitted with standard frame base ➤ Colour – red
50.2	Cabinet No 1	<p>Dimensions. All dimensions nominal</p> <p>Width: up to 48 inches Depth: up to 28 1/2 inches Height: up to 39 ½ inches (Excluding hardwood top). 9 drawer unit Drawers 3 in to 5 in high left side Drawers 3 in to 9 in right side Location: Curb side</p>
50.3	Cabinet No 2	
50.3.1	Cabinet	<p>Dimensions. All dimensions nominal</p> <p>Width: up to 48 inches Depth: up to 28 1/2 inches Height: up to 39 ½ inches (Excluding hardwood top)</p> <p>9 drawer unit Drawers 3 in to 5 in high left side Drawers 3 in to 9 in right side</p> <p>Location: Curb side</p>
50.4	Cabinet No 3	
50.4.1	Cabinet	<p>Dimensions. All dimensions nominal</p> <p>Width: up to 48 inches Depth: up to 28 1/2 inches Height: up to 39 ½ inches (Excluding hardwood top) 7 drawer unit</p> <p>Drawers 4 in to 5 in high left side Drawers 3 in to 6 in right side</p> <p>Location: Driver's side</p>
50.5	Cabinet Weapon Security – Cabinet No 4 and No 5	
50.5.1	Guidance	<p><i>The DPM Secur has directed QETE to use SASCO weapon cabinets in its two weapon vaults in the National Printing Bureau Building. We refer PWGSC to Security Advisory DPM Secure 001/08 dated 16 Jan 08. DASCOS are supplied to DND under a National Master Standing Offer.</i></p>

		http://www.dascodata.com/catalogue/IWSP_catalogue_Dasco-2.pdf
50.5.2	Weapon Security Cabinet	<p>DASCO Deputy Provost Marshall certified Small Arms security cabinet – bolted to the floor – bolts welded</p> <p>Cabinet 4 36 in Wide 22 in Deep 60 in High</p> <p>Cabinet 5 36 in Wide 22 in Deep 72 in High</p> <p>Must meet Deputy Provost Marshal (Director Security) small arms security regulations.</p> <p>Located: Driver’s side</p>

Documentation and Training				
51. Identification				
51.1		A stamped plate shall ^(E) be installed in a conspicuous location on the trailer, which permanently indicates the following information: <ul style="list-style-type: none"> ➤ Manufacturer ➤ Model ➤ Year ➤ Serial Number ➤ GVWR ➤ GAWR 		
52 Warning and Instruction Plates				
52.1		International symbols and / or English / French markings shall be provided for all identification, instructional and warning labels.		
52.2		Instruction for special procedures to be followed shall be provided, within easy view of the user.		
52.3		All plates shall be within easy view of the user and be in accordance with standard commercial practice for vehicles of this type.		
53. Special Tool List / Kit				
53.1		The Contractor shall provide a list and the cost of any special tools DND may require to maintain the trailer.		
54. Training				
54.1		The Contractor shall perform the following training at the National Printing Bureau Building once the trailer has been delivered:		
54.2		Familiarization – The Contractor shall perform one half-day (3.5 hrs) familiarization instruction at the National Printing Bureau Building in Gatineau, QC for a maximum of six people no later than one month after delivery of the trailer. The training shall include safe towing procedures, operation of the trailer systems, care, cleaning, tire changing and maintenance.		
54.3		The course and course documentation shall be in English and French		

55.	Documentation		
55.1		The Bidder shall submit the following:	
55.2		Five (5)-view concept Auto-Cad drawings with proposal.	
55.3		Full construction drawings prior to fabrication, and complete as-built parts drawings identifying all fabricated and installed components with Original Equipment Manufacturer part numbers and bill of material shall be submitted to the DND Technical Authority prior to the start of fabrication.	
55.3.1		Provide the DND technical authority the weight of the trailer in terms of the trailer Gross Axle Weight Rating (GAWR).	
55.3.2		Provide the DND technical authority with a letter certifying that the trailer can be safely towed by a Ford F350 vehicle.	
55.4		Provide full 12V and 120VAC colour wiring schematics. Provide the DND Technical Authority upon delivery of the trailer after fabrication is completed.	
55.5		Provide one (1) English / French operator's manual in a binder at the same time as the trailer is delivered.	
55.6		Provide one (1) daily operator maintenance instructions/checks. Maybe included in the operator's manual. Provided to the DND Technical Authority upon delivery of the trailer after fabrication is completed.	
55.7		Safety warnings. Maybe included in the operator's manual. Provided to the DND Technical Authority upon delivery of the trailer after fabrication is completed.	
55.8		Provide the preventative maintenance replacement parts list to the DND Technical Authority upon delivery of	

		the trailer after fabrication is completed. .		
55.9		Provide a listing of all required tolerances, torque levels, fluid volumes and special tools required. (Maybe included in the operator’s manual) to the DND Technical Authority upon delivery of the trailer after fabrication is completed.		
56.	Ancillary Requirements			
56.1	Rifle Racks.			
56.1		The supplier will provide one (1) metal rifle rack that accommodates six C7A1 rifles. The rifle rack shall be installed in the workshop area on the Driver’s side. The rack shall be lockable.		
57.	Fire Extinguishers			
57.1		Two (2) 20-pound dry chemical nitrogen cartridge / potassium bicarbonate hand-held fire extinguisher. Wall mounted with appropriate fire station signs and markings. The fire extinguishers shall conform to ANSI/UL 299 CAN/ULC S504 certification for Dry Chemical Extinguishers. ²		
57.2		The fire extinguisher shall be securely mounted so that it will not become detached when the trailer is moving or when it stops abruptly. The installations shall conform to the National Fire Protection Association Code 10 for fire extinguisher installation.		
58.	First Aid Kit.			
58.1		One (1) Type C First Aid Kit shall be installed in workshop. The first aid kit shall conform to Canada		

² Underwriters Laboratories of Canada (ULC) 7 Underwriters Road Toronto, Ontario, Canada M1R 3A9
 Telephone: 1.866.937.3ULC (1.866.937.3852) | Fax: 1.416.757.8727
 E-mail: customerservice@ulc.ca

		Occupational Health and Safety Regulations (SOR/86-304)		
58.2		The first aid kit shall be securely fastened to the wall so that it will not become detached when the trailer is moving or when it stops abruptly.		
59.	Eye Wash Station			
59.1		One (1) eye wash station shall be installed in the workshop area.		
59.2		The eye wash kit shall be securely fastened to the wall so that it will not become detached when the trailer is moving or when it stops abruptly.		
60.	Corkboard and White Board			
60.1		Provide cork board dimension 2 feet x 3 feet and at least 3/8 inch thick shall ^(E) be installed on the driver side wall in the Workshop area.		
60.2		Provide a 2 feet x 3 feet magnetic white board securely attached to the wall in the workshop area on the Driver's side		
61.	Refrigerator			
61.1		A compact type 3.2 cu ft stainless steel 12V / 110V RV style refrigerator shall be provided.		
61.2		The appliance shall be securely fastened to the trailer so that it will not become detached when the trailer is moving or when it stops abruptly.		
62.	Coffee maker			
62.1		A 12 cup under the counter 110V coffee maker		
63.	Microwave oven			
63.1		Provide 1.0 cu ft under the counter 110V microwave oven		
64.	Coat Rack – Coat Hooks			
64.1		A heavy-duty coat rack capable of catering to at least four (4) people shall be provided, and should be installed on the wall in the workshop area near the curb side door.		
65	Wall Clock			
65.1		Battery operated 12 in diameter wall clock shall be installed in the workshop area.		
	Meeting and Inspections			

66	Meetings		
66.1	Guidance	<i>DND has requested a set of full construction drawings prior to fabrication, and complete as-built parts drawings identifying all fabricated and installed components with Original Equipment Manufacturer part numbers and bill of material. This package will form the basis of discussion at the first meeting.</i>	
66.2		There shall be a meeting among PWGSC DND (QETE) and the successful Contractor prior to the start of construction to ensure that the Contractor understands the requirement and that DND is alerted to any unforeseen technical issues that may increase the technical, schedule of cost risk of the project. The meeting shall be held in the Contractor's facility.	
67	Inspections		
67.1		<i>DND will proposed that the meeting take place once the shell of the trailer is completed and the skeletal electric wiring is installed but before the trailer is "closed up".</i>	
67.2		There shall be a minimum of two inspections held at the Contractor's facility during the construction of the trailer.	
67.3		There shall be a final inspection prior to acceptance of the trailer once construction is completed and prior to delivery at the Contractors facility.	
68	Delivery		
68.1		The contractor shall deliver the trailer to: Canadian Forces Support Unit (Ottawa) Transportation Upland Site Hanger 14 250 Convair Private, Ottawa ON K1V 2E9	

		Contact: Master Warrant Officer J.A.A. Lemieux, CD Telephone: 613.998.3794 Facsimile: 613.998.6962		
--	--	--	--	--

Annex C to W8486-120923
 Dated September 2012

**TECHNICAL INFORMATION QUESTIONNAIRE
 MOBILE WEAPON LABORATORY
 DETACH, COMPLETE AND RETURN**

1. SCOPE

- 1.0 This Annex covers technical information to be supplied by the Bidder. This information is required by the DND Technical Authority for the technical assessment for the equipment offered.
- 2.0 GUIDANCE: IT IS THE BIDDERS RESPONSIBILITY TO CLARIFY OUTSTANDING TECHNICAL ISSUES, BY WRITTEN REQUESTS, THE PWGSC CONTRACTING OFFICER PRIOR TO BID SUBMISSION.

PURCHASE DECRPTION PARAGRAPHS

Article	Requirement	Compliance	
		Yes	No
1.2	Manufacturer's Performance Requirements Otherwise explain		
1.3	Standard Design Otherwise explain		
1.4	Standard Components Otherwise explain		
1.5	Inter-changeability Otherwise explain		
1.6	Maintainability Otherwise explain		
1.7	Climatic Conditions Otherwise explain		
1.8	Safety Otherwise explain		
1.9	Vehicle Safety Regulations Otherwise explain		
1.10	Conspicuity Tape		
1.11	Human Engineering and Safety Otherwise explain		
1.12	Supportability	<u>N/A</u>	
2	Standard of Construction Otherwise explain		
3	Construction Material Otherwise explain		
4	Frame / Chassis		

	Otherwise explain _____		
5	Jack Otherwise explain _____		
6	GVWR and GAWR Otherwise explain _____		
7	Axles and Suspension Otherwise explain _____		
8	Wheels and Tires Make and model of tires to be provided. Otherwise explain _____		
9	Spare Tire Otherwise explain _____		
10	Brakes Otherwise explain _____		
11	Paint Colour Otherwise explain _____		
12	Trailer Hitch Make and model of break-away system. Otherwise explain _____		
13	Overall exterior dimensions Otherwise explain _____		
14	Roof Otherwise explain _____		
15	Roof Basket Otherwise explain _____		
16	Service Ladder Otherwise explain _____		
17	Body Construction Otherwise explain _____		
18	Interior Cladding Otherwise explain _____		
19	Front Compartment Otherwise explain _____		
20	Windows Otherwise explain _____		
21	Storage Compartment Otherwise explain _____		
22	Doors Otherwise explain _____		
23	Rear Ramp Otherwise explain _____		
24	Interior Doors Otherwise explain _____		
25	Mud Guard		

	Otherwise explain		
26	Gasoline Generator Make and model of the gasoline generator to be provided. Otherwise explain		
27	Air Compressor Make and model of the air compressor to be provided. Otherwise explain		
28	Awning Otherwise explain		
29	Rear Bumper Otherwise explain		
30	Access Step Otherwise explain		
31	Levelling Stabilizers Otherwise explain		
32	Towing and Tie Down Points Otherwise explain		
33	Dangerous Good Placard Holders Otherwise explain		
34	Licence Plate Holders Otherwise explain		
35	Document Holder Otherwise explain		
36	Electrical System – Trailer 12 Volt Otherwise explain		
37	Trailer Exterior Lighting 12Volt Otherwise explain		
38	Electrical Specifications Otherwise explain		
39	Electrical Circuits Otherwise explain		
40	Light Switches Otherwise explain		
41	Fluorescent Light Fixtures Otherwise explain		
42	Heating and Cooling Make and model of the systems to be provided Otherwise explain		
43	Outdoor Work Lights Make, model and specifications of the system to be provided. Otherwise explain		
44	Protection		

	Otherwise explain		
45	Paint / Finish Otherwise explain		
46	Anchor Points Workshop Otherwise explain		
47	Anchor Point Forward Compartment Otherwise explain		
48	E-Track Otherwise explain		
49	Cabinets and Work Tables and Work Surfaces Make and model or the cabinet system to be provided. Otherwise explain		
50	Cabinets and Cabinet Number 1 Otherwise explain		
50	Cabinet Number 2 Otherwise explain		
50	Cabinet Weapon Security – Cabinet No 4 and No 5 Otherwise explain		
51	Identification Otherwise explain		
52	Warning and Instruction Plates Otherwise explain		
53	Special Tool List / Kit Otherwise explain		
54	Training Otherwise explain		
55	Documentation Otherwise explain		
56	Ancillary Requirements Otherwise explain		
57	Fire Extinguishers Otherwise explain		
58	First Aid Kit. Otherwise explain		
59	Eye Wash Station Otherwise explain		
60	Corkboard and White Board Otherwise explain		
61	Refrigerator Otherwise explain		
62	Coffee maker Otherwise explain		
63	Microwave oven Otherwise explain		
64	Coat Rack – Coat Hooks		

	Otherwise explain _____		
65	Wall Clock Otherwise explain		
66	Meetings Otherwise explain		
67	Inspections Otherwise explain _____		
68	Delivery to Hanger 14 Upland Site, Ottawa, ON Otherwise explain		



FOR GOVERNMENT USE ONLY POUR USAGE DU GOUVERNEMENT SEULEMENT	
Special Investigations Directorate File No. N° de dossier de la Direction des enquêtes spéciales	Date Received (Y-A M D-J) Date de réception

CONSENT TO A CRIMINAL RECORD VERIFICATION CONSENTEMENT À LA VÉRIFICATION DE L'EXISTENCE D'UN CASIER JUDICIAIRE

This form must be completed and signed by each individual who is currently a director of the Bidder/Offeror/Supplier and provided with the Bid/Offer/Arrangement.

Le présent formulaire doit être rempli et signé par chaque individu qui est actuellement un administrateur du soumissionnaire/de l'offrant/du fournisseur et fourni avec la soumission/l'offre/l'arrangement.

A	PRIVACY ACT STATEMENT ÉNONCÉ CONCERNANT LA LOI SUR LA PROTECTION DES RENSEIGNEMENTS PERSONNELS
----------	---

The personal information requested on this form is collected under the authority of subsection 750(3) of the *Criminal Code*, paragraph 42(1(c)) of the *Financial Administration Act*, and sections 7 and 21 of the *Department of Public Works and Government Services Act*. The information will be used for validating the criminal conviction certifications necessary for obtaining and maintaining a procurement instrument. It may be shared with other government departments, agencies, as well as provincial, territorial, and federal courts, within the limits of what is required to conduct the criminal conviction verification.

Les renseignements personnels demandés dans le présent formulaire sont recueillis en vertu du paragraphe 750(3) du *Code criminel*, du paragraphe 42(1(c)) de la *Loi sur la gestion des finances publiques* et des articles 7 et 21 de la *Loi sur le ministère des Travaux publics et des Services gouvernementaux*. Ces renseignements seront utilisés pour valider les attestations de condamnation au criminel nécessaires pour obtenir et conserver un instrument d'approvisionnement. Les renseignements peuvent être diffusés à d'autres ministères et organismes fédéraux, ainsi qu'à des tribunaux provinciaux, territoriaux et fédéraux, dans les limites de ce qui est requis pour la vérification des condamnations au criminel.

A refusal to provide information will result in the bid/offer/arrangement being rejected or the contract terminated, the standing offer being set-aside or the supply arrangement being cancelled, as applicable.

À défaut de fournir les renseignements demandés, la soumission/l'offre/l'arrangement sera rejeté ou le contrat résilié, l'offre à commandes sera mise de côté ou l'arrangement en matière d'approvisionnement sera annulé, selon le cas.

The personal information is described in personal information bank PWGSC PPU 184 - Integrity Assessment Program. Individuals have a right of access to, correction of and protection of their information in accordance with the *Privacy Act*.

Les renseignements personnels sont décrits dans les fichiers de renseignement personnels n° TPSGC PPU 184 - Programme de l'évaluation de l'intégrité. Les personnes ont le droit d'accéder aux renseignements personnels qui les concernent, ainsi que de les faire corriger ou protéger, conformément à la *Loi sur la protection des renseignements personnels*.

B	BIOGRAPHICAL INFORMATION - Must be completed by the individual RENSEIGNEMENTS BIOGRAPHIQUES - À remplir par l'individu
----------	---

Family Name (Last Name) - Nom (de famille)	Family Name at Birth - Nom de famille à la naissance
--	--

Full Given Names (No initials) - Prénoms au complet (aucune initiale)

All other previously used names (i.e. maiden name, previously married names, legal name change, nicknames) Tout autre nom utilisé (tel que nom de jeune fille, noms maritaux précédents, changement de nom légaux, sobriquets)

Gender - Sexe <input type="checkbox"/> Male / Masculin <input type="checkbox"/> Female / Féminin	Date of Birth - Date de naissance (Y-A M D-J)
---	---

**Current Permanent Residential Information
Information résidentielle permanente actuelle**

Apartment No. - N° d'appartement	Street No. - N° civique	Street Name - Nom de la rue
----------------------------------	-------------------------	-----------------------------

City - Ville	Province/State - État
--------------	-----------------------

Country - Pays	Postal Code/Zip Code - Code postal/Code zip
----------------	---

C	CONSENT - Must be signed by the individual CONSENTEMENT - Doit être signé par l'individu
----------	---

I, the undersigned, confirm that I have read and understand the above *Privacy Act* statement and that I consent to the collection and use of my personal information as described therein.

Je, soussigné, confirme avoir pris connaissance de l'Énoncé concernant la *Loi sur la protection des renseignements personnels* et consens à la collecte et à l'utilisation des renseignements personnels fournis aux présentes.

Signature	
Print Name - Nom en lettres moulées	Date (Y-A M D-J)

D	ADMINISTRATIVE INFORMATION - Internal Government Use Only RENSEIGNEMENTS ADMINISTRATIFS - Pour usage interne du gouvernement seulement
----------	---

Requesting Branch/Sector/Directorate/Division - Direction générale/Secteur/Direction/Division requérante

Solicitation/Proposed Contract No. - N° de la demande de soumission/N° du contrat	Date of Request (Y-A M D-J) Date de la demande
---	---

Requesting Contact Person - Personne-ressource requérante	Contact Person Tel. No. - N° de tél. de la personne-ressource
---	---