

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

**REQUEST FOR PROPOSAL  
DEMANDE DE PROPOSITION**

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

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

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

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

**Comments - Commentaires**

<b>Title - Sujet</b> TRAILER PURCHASE - 30 TON CAPACITY	
<b>Solicitation No. - N° de l'invitation</b> W8476-134054/A	<b>Date</b> 2012-10-30
<b>Client Reference No. - N° de référence du client</b> W8476-134054	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$HP-371-61466	
<b>File No. - N° de dossier</b> hp371.W8476-134054	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2012-12-10</b>	
<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Standard Time EST	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Modérie, Christine	<b>Buyer Id - Id de l'acheteur</b> hp371
<b>Telephone No. - N° de téléphone</b> (819) 956-3970 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>  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

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

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## **PART 1 GENERAL INFORMATION**

### **1. Security Requirement**

There is no security requirement associated with this requirement.

### **2. Requirement**

The Department of National Defence has a requirement to purchase one (1) 53-foot long, semi-trailer, retractable tarpaulin soft body, 27,216-kg (30-ton / 60,000-lbs) payload, dual wheel, tandem and related items, (including familiarization instruction/training), in accordance with the Purchase Description for ALUMINUM SEMI-TRAILER, dated 23 October 2012, and as described at Annex A - Pricing.

The requirement includes an option to purchase up to two (2) semi-trailers and related items to be exercised within twelve (12) months from the effective date of the contract.

### **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.

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## 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.

- **Exceptions to Standard Instructions Goods or Services - Competitive Requirements**

**Bids Validity Period**

Subsection **05.4 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.

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

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## PART 3 BID PREPARATION INSTRUCTIONS

### 1. Bid Preparation Instructions

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

Section I: Technical Bid (1 hard copy);

Section II: Financial Bid (1 hard copy);

Section III: Certifications and Additional Information (1 hard copy).

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 *Appendix 1* - Technical Information Questionnaire

A check mark should be added in the appropriate box of the Technical Information Questionnaire. Bidders should provide additional explanation to support their technical compliance.

In their technical bid, bidders should demonstrate their understanding of the requirements contained in the bid solicitation and explain how they will meet these requirements. Bidders should demonstrate their capability in a thorough, concise and clear manner for carrying out the work.

The technical bid should address clearly and in sufficient depth the points that are subject to the evaluation criteria against which the bid will be evaluated. Simply repeating the statement contained in the bid solicitation is not sufficient. In order to facilitate the evaluation of the bid, Canada requests that bidders address and present topics in the order of the evaluation criteria under the same headings. To avoid duplication, bidders may refer to different sections of their bids by identifying the specific paragraph and page number where the subject topic has already been addressed.

## 2.1. Substitutes and Alternatives

Bidders may propose substitutes and alternatives where "**shall<sup>(E)</sup>**" 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

1. Bidders must submit their bid in accordance with the Basis of Payment specified **Part 6 - RESULTING CONTRACT CLAUSES, at Clause 6.1 Basis of Payment.**

2. Prices should appear in “**Annexe “A”** - Pricing.

### 4. Exchange Rate Fluctuation

1. Unless otherwise specified in the bid solicitation, bids must be in Canadian currency.

2. Bidders may request Canada to assume the risk for exchange rate fluctuation. This request must be specifically made at time of bidding.

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.

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.

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.)

6. Rates proposed by bidders will not be accepted for the purposes of this exchange rate adjustment provision.
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.
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.

## **5. Section III: Certifications and Additional Information**

### **1. Certifications**

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

### **2. Additional Information**

Canada requests that bidders submit the following information:

#### **2.1 Delivery**

##### **Firm Quantity**

While delivery is requested before February 28, 2013, the best delivery that can be offered is as follows:

- **Item 001** – One (1) 53-foot long, semi-trailer, retractable tarpaulin soft body, 27,216-kg (30-ton / 60,000-lbs) payload, dual wheel, tandem and related items (including familiarization instruction/training), will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

**Optional Quantity**

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

- **Item 002** – Up to two (2) semi-trailers and related items will be delivered within \_\_\_\_\_ calendar days after an option is exercised.

**2.2 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 (12) months.

The manufacturer's standard warranty ( \_\_\_\_\_ **months**)

**2.3 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.

**2.4 Spare Part 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 **DND**, or its authorized agents, for a period of \_\_\_\_\_ **years**.

**2.5 Supplier's Representative**

The Contractor is to provide a name and telephone number of a contact point within his plant, for follow-up inquiries by PWGSC or DND.

**General enquiries**

**Name:** \_\_\_\_\_

**Telephone No.** \_\_\_\_\_

**Facsimile No.** \_\_\_\_\_

**E-mail** \_\_\_\_\_

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### **Delivery follow-up**

**Name:** \_\_\_\_\_

**Telephone No.** \_\_\_\_\_

**Facsimile No.** \_\_\_\_\_

**E-mail** \_\_\_\_\_

### **2.6 After Sales Service**

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:

**Name:** \_\_\_\_\_

**Address** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Telephone No.** \_\_\_\_\_

**Facsimile No.** \_\_\_\_\_

**E-mail** \_\_\_\_\_

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## PART 4

### EVALUATION PROCEDURES AND BASIS OF SELECTION

#### 1. Evaluation Procedures

1. Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
2. An evaluation team composed of representatives of Canada will evaluate the bids.
3. The evaluation team will determine first if there are three (3) or more bids with a valid Canadian Content certification. In that event, the evaluation process will be limited to the bids with the certification; otherwise, all bids will be evaluated. If some of the bids with a valid certification are declared non-responsive, or are withdrawn, and less than three responsive bids with a valid certification remain, the evaluation will continue among those bids with a valid certification. If all bids with a valid certification are subsequently declared non-responsive, or are withdrawn, then all the other bids received will be evaluated.

#### 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**

##### 2.2 Mandatory Technical Evaluation Criteria

Bids must be completed in full and provide all technical information requested in the bid solicitation, the Technical Information Questionnaire and the Purchase Description by the bid closing date and time to enable a full and complete evaluation.

- 2.3 Bidders must submit with their bid the completed Technical Information Questionnaire(s) (attached).

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### 3. Financial Evaluation

- 3.1 The purpose of the financial evaluation is to determine the aggregate price, based on the information submitted in Annex "A" - Pricing.
- 3.2 Aggregate Price Calculation  
Bids will be evaluated on an aggregate price basis for the firm quantity, the optional quantity and familiarization instructions/training.
- 3.3 Any **Extended Warranty Period offered will not be included** in the financial evaluation and further negotiations may be required.

### 4. Basis of Selection

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

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## **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**

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.

<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/formulaires-forms-eng.html>

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

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(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)

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## PART 6 RESULTING CONTRACT CLAUSES

### 1. Security Requirement

There is no security requirement associated with this requirement.

### 2. Requirement

The Contractor must deliver one (1) 53-foot long, semi-trailer, retractable tarpaulin soft body, 27,216-kg (30-ton / 60,000-lbs) payload, dual wheel, tandem and related items, including familiarization instruction/training, in accordance with the Purchase Description for ALUMINUM SEMI-TRAILER, dated 23 October 2012, and as described at Annex A - Pricing.

An option is included to purchase up to two (2) semi-trailers and related items to be exercised within twelve (12) months from the effective date of the contract.

#### 2.1 Optional Goods and/or Services

The Contractor grants to Canada the irrevocable option to acquire the goods, services or both described herein under the same conditions and at the prices and or rates stated in the Contract. The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

The option may be exercised at the discretion of Canada in whole or in part or in more than one occasion, up to the maximum quantity identified herein.

The Contracting Authority may exercise the option within twelve (12) months after contract award by sending a written notice to the Contractor.

The Contractor must advise the Technical Authority and Contracting Authority of any design updates that could affect the procurement of additional vehicles/equipment.

#### 2.2 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 and/or the exercising of an option 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."

All other provisions of the warranty section remain in effect.

### 4. Term of Contract

#### 4.1 Delivery Date

Delivery of the vehicle/equipment must be made as follows:

##### Firm Quantity

- **Item 001** - One (1) 53-foot long, semi-trailer, retractable tarpaulin soft body, 27,216-kg (30-ton / 60,000-lbs) payload, dual wheel, tandem and related items, including familiarization instruction/training must be delivered within **to be inserted by PWGSC** weeks/calendar days from the effective date of the contract.

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## Optional Quantity

- **Item 002-** If the option is exercised, up to two (2) semi-trailers and related items must be delivered within **to be inserted by PWGSC** weeks/calendar days after an option is exercised.

## 5. Authorities

### 5.1 Contracting Authority

The Contracting Authority for the Contract is:

Christine Modérie  
Supply Specialist  
Public Works and Government Services Canada - Acquisitions Branch  
LEFT Directorate, HP Division,  
7A2, Place du Portage, Phase III  
11 Laurier Street  
Gatineau Quebec K1A 0S5  
Telephone: 819 956-3970 / Facsimile: 819 953-2953  
E-mail christine.moderie@pwgsc.gc.ca

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

### 5.2 Procurement Authority

The Procurement Authority for the Contract is:

To be inserted by PWGSC

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:

To be inserted by PWGSC

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

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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**

Telephone No. \_\_\_\_\_

Facsimile No. \_\_\_\_\_

E-mail address: \_\_\_\_\_

##### Delivery follow-up

Name: **To be inserted by PWGSC**

Telephone No. \_\_\_\_\_

Facsimile No. \_\_\_\_\_

E-mail address: \_\_\_\_\_

#### 5.5 After Sales Service

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:

Name: **to be inserted by PWGSC**

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Telephone Number: \_\_\_\_\_

Distance between the delivery location and the dealer and/or agent: **to be inserted by PWGSC**  
km

### 6. Payment

#### 6.1 Basis of Payment

##### 6.1.1 Firm Quantity

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm 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.

### 6.1.2 Optional Quantity

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm prices, in Canadian dollars, FCA Free Carrier, at Contractor's Canadian facility or the Contractor's Canadian distribution point, Incoterms 2000 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

SACC Reference	Title	Date
C2000C	Taxes - Foreign-based Contractor	30/11/07
C6000C	Limitation of Price	16/05/11
H1000C	Single Payment	12/05/08
H1001C	Multiple Payments	12/05/08

### 6.3 Exchange Rate/Payment on Delivery

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

## 7. Invoicing

### 7.1 Invoicing Instructions

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

2. Invoices must be distributed as follows:

(a) The original must be forwarded to the Procurement Authority to the following address for certification and payment.

National Defence Headquarters  
Mgen George R. Pearkes Building  
101 Colonel By Drive  
Ottawa, ON K1A 0K2  
Attention: DLP\_\_\_\_\_

(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.

### 7.2 Holdback

Canada will apply a ten (10) percent holdback on the total price of each vehicle/equipment on any due payment of the said vehicle/equipment.

**For item 001** release of the holdback (10%) is conditional upon receipt and certified acceptance by DND of the said vehicle/equipment and related items such as familiarization instruction/training, the vehicle manuals, data summary, photographs, preventive maintenance replacement parts kit list, warranty letter(s), approved manuals and initial parts kits.

**For item 002** release of the holdback (10%) is conditional upon receipt and certified acceptance by DND of the said vehicle/equipment and related items such as the vehicle manuals, data summary, photographs, preventive maintenance replacement parts kit list, warranty letter(s), approved manuals and initial parts kits.

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 paid under the previous invoice.

- (a) The original 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 General Conditions - Goods (Medium Complexity);
- c. Annex "A" - Pricing;
- d. Annex "B" - Purchase Description - Aluminum Semi-Trailer;
- e. Appendix 1- Technical Information Questionnaire, and
- 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 Purchase Description/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 (Firm Quantity)

1. The Contractor must ship the goods prepaid DDP - Delivered Duty Paid Borden, Ontario as specified below. Unless otherwise directed, delivery must be made by the most economical means. 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.
2. The Contractor must deliver the goods by appointment only. The Contractor or its carrier must arrange delivery appointments by contacting the person identified below. The consignee may refuse shipments when prior arrangements have not been made.

**Item 001** - The contact person at destination is: **to be inserted by PWGSC** . The goods must be delivered to **to be inserted by PWGSC** .

## 15. Delivery and Unloading (firm quantity)

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Delivery trucks must be equipped with an unloading device which will permit unloading at sites with no hydraulic, stationary or other type of unloading facility.

## **16. Shipping Instructions (Optional Quantity)**

1. Delivery will be FCA Free Carrier at the Contractor's Canadian facilities or the Contractor's Canadian Distribution Point, Incoterms 2000. The Contractor must load the goods onto the carrier designated by the Department of National Defence (DND). Onward shipment from the delivery point to the consignee will be Canada's responsibility.

2. Before shipping the goods, the Contractor must contact the following DND Inbound Logistics Coordination Center by facsimile or e-mail, to arrange for shipment, and provide the information detailed at paragraph 3.

**(The DND Inbound Logistics Coordination Center will be identified if the option is exercised.)**

3. The Contractor must provide the following information to the DND Inbound Logistics Coordination Center when arranging for shipment:

- (a) the Contract number;
- (b) consignee address (for multiple addresses, items must be packaged and labeled separately with each consignee address);
- (c) description of each item;
- (d) the number of pieces and type of packaging (i.e., carton, crate, drum, skid);
- (e) actual weight and dimensions of each piece type, including gross weight;
- (f) full details of dangerous material, as required for the applicable mode of transportation, signed certificates for dangerous material as required for shipment by the International Maritime Dangerous Goods Code, the International Air Transport Association regulations or the applicable Canadian Dangerous Goods Shipping Regulations, and a copy of the material safety data sheet.

4. Following receipt of this information by Canada, Canada will provide the appropriate shipping instructions, which may include the requirement for specific consignee address labeling, and the marking of each piece with a Transportation Control Number.

5. The Contractor must not ship the goods before receiving shipping instructions from the DND Inbound Logistics contact.

6. If the Contractor delivers the goods at a place and time which are not in accordance with the given delivery instructions or fail to fulfill reasonable delivery instructions given by Canada, the Contractor must reimburse Canada any additional expenses and costs incurred.

7. If Canada is responsible for delays in delivering the goods, ownership and risk will be transferred to Canada upon expiry of either thirty (30) days following the date on which a duly completed shipping application is received by Canada or by its appointed forwarding agent, or thirty (30) days following the delivery date specified in the Contract, whichever is later.

### **17. 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: DLP **to be inserted by PWGSC**

- (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 OK2  
E-mail: ContractAdmin.DQA@forces.gc.ca.

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## 18. 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 **to be inserted by PWGSC**. 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.

## 19. 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.

## 20. 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.

## 21. 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 **to be inserted by PWGSC years**.

## 22. Material

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

## 23. Design Changes

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

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## **24. 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.

## **25. 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.

## **26. 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 Aluminium semi-trailer (Firm Quantity)

The Contractor must deliver one (1) (1) 53-foot long, semi-trailer, retractable tarpaulin soft body, 27,216-kg (30-ton / 60,000-lbs) payload, dual wheel, tandem and related items, including the sample manuals, Manuals, CD of all manuals, data summary, photographs, warranty letter(s), Material Safety Data Sheets, Line Setting Ticket and familiarization training in accordance with the attached Annex "B" - Purchase Description, dated 23 October 2012.

Firm unit price of \$\_\_\_\_\_ per semi-trailer/equipment Delivered Duty Paid at CFB Halifax, Nova Scotia, in accordance with Part 6, paragraph 6.1.1. Basis of Payment - **Firm Quantity**

**Manufacturer:** \_\_\_\_\_ **Model:** \_\_\_\_\_

The semi-trailer and related items must be delivered to:

CFB Halifax  
Major Equipment Section  
HMC Dockyard  
Halifax, NS B3K 5X5

The contact person at destination is: **to be inserted by PWGSC** . The goods must be delivered to **to be inserted by PWGSC** .

### Item 002 Semi-Trailer(s) (Optional Quantity)

If this option is exercised, the Contractor must deliver up to two (2) semi-trailers and related items including manuals, CD of all manuals, data summary, photographs, warranty letter(s), Material Safety Data Sheets, Line Setting Ticket in accordance with the attached Annex "B" -Purchase Description, dated 23 October 2012.

- **Quantity** \_\_\_\_\_, firm lot price of \$\_\_\_\_\_ per vehicle/equipment, FCA Free Carrier at Contractor's Canadian facility or Contractor's Canadian distribution point in accordance with Part 6, paragraph 6.1.2. Basis of Payment - **Optional Quantity**

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**Manufacturer:** \_\_\_\_\_ **Model:** \_\_\_\_\_

**Item 003 - Familiarization Instruction/Training (Option)**

If this option is exercised, the Contractor must provide up to two (2) familiarization instruction / training, in accordance with the attached Purchase Description for aluminium semi-trailer, dated 23 October 2012.

- **Quantity** \_\_\_\_\_, firm unit price of \$ \_\_\_\_\_, Goods and Services Tax or the Harmonized Sales Tax extra.

The Contractor will be reimbursed its authorized travel and living expenses reasonably and properly incurred in the performance of the Work, at cost, without any allowance for profit and/or administrative overhead, in accordance with the meal, private vehicle and incidental expenses provided in Appendices B, C and D of the National Joint Council Travel Directive (<http://www.njc-cnm.gc.ca/directive/index.php?sid=90&hl=1&lang=eng>), and with the other provisions of the directive referring to "travellers", rather than those referring to "employees".

All travel must have the prior authorization of the Technical Authority Authority. All payments are subject to government audit.

All travel and living expenses incurred in the performance of the work outside Canada will be the Contractor's responsibility.

**Item 004 Optional Extended Warranty Period**

**Optional warranty coverage available:** YES \_\_\_\_\_ NO \_\_\_\_\_

If the warranty period is extended for an additional period of \_\_\_\_\_ **months/calendar days**, the Contractor will be paid a firm unit price of \$ \_\_\_\_\_ **per vehicle/equipment**, Goods and Services Tax or the Harmonized Sales Tax extra.

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

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**ANNEX “B”**

**PURCHASE DESCRIPTION**

**FOR**

**ALUMINUM SEMI-TRAILER, RETRACTABLE TARPAULIN, TANDEM, DUAL WHEELS  
27,216-KG (30-TON - 60,000-LBS) PAYLOAD**

**1. Scope**

**1.1 Scope** This document covers the requirement for a 53-foot long, semi-trailer, retractable tarpaulin soft body, 27,216-kg (30-ton / 60,000-lbs) payload, dual wheel, tandem.

**1.2 Instructions** - The following instructions **shall** be applied to this Purchase Description:

- (a) Requirements, which are identified by the word “**shall**”, are mandatory. Deviations will not be permitted.
- (b) Requirements identified by “**shall**<sup>(E)</sup>”, are mandatory. However, the Technical Authority will consider alternatives for acceptance as a Technical Authority Approved Equivalent. "Technical Authority Approved Equivalent" is defined as an alternative standard, design, feature, or component that is evaluated by the Technical Authority and determined to meet the specified requirements for equivalent standard, form, fit, function and performance as applicable.
- (c) Requirements identified with a “will” define actions to be performed by the Crown and require no action/obligation on the Contractor’s part.
- (d) Where “**shall**”, “**shall**<sup>(E)</sup>”, or “will” are not used, the information provided is for guidance only.
- (e) In this document “provided” **shall** mean, “provided and installed”.
- (f) Where a standard is specified and the Contractor has offered an equivalent, that equivalent standard **shall** be provided, upon request;
- (g) Where certification is required, the Contractor **shall** provide the certification or acceptable proof of compliance, upon request.
- (h) Metric measurements **shall** be used as defining the requirement. Other measurements are reference only and may not be exact conversions.
- (i) Dimensions stated as nominal **shall** be treated as approximate dimensions. Nominal dimensions reflect a method by which materials or products are generally identified for sale commercially, but which differ from the actual dimensions.

**1.3 Definitions** - The following definitions **shall** be applied to the interpretation of this Purchase Description:

- (a) “Technical Authority” (TA) is the government official responsible for technical management of this requirement. The Technical Authority is the Director Support Vehicles Program Management.
- (b) “Technical Authority Approved Equivalent” means a standard, means, or component type, which has been evaluated by the Technical Authority and determined to meet the specified requirements for form, fit, function, and performance.
- (c) “Proof of Compliance” means a document such as a certificate of attestation signed by a certified engineer representing the Original Equipment Manufacturer, or a brochure, or a report generated by third party software or a third party test report indicating the performance and/or feature specified.
- (d) “Road legal” are the characteristics that a vehicle must have so that it can be legally operated on all Canadian highway and secondary roads, not having special restrictions, without requiring overweight or dimensional permits.

## **2. APPLICABLE DOCUMENTS**

### **2.1 Government Furnished Documents - NOT APPLICABLE**

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

Canadian Motor Vehicle Safety Standards (CMVSS)  
Transport Canada,  
Road Vehicle and Motor Vehicle Regulation,  
330 Sparks Street, Tower C,  
Ottawa, Ontario K1A 0N5  
<http://www.tc.gc.ca/acts-regulations/GENERAL/M/mvsa/menu.htm>

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

California Department of Transportation (Caltrans)  
P.O. Box 942873  
Sacramento, CA 94273-0001  
<http://www.dot.ca.gov/hq/traffops/trucks/truckmap/truck-legend.pdf>

## **3. REQUIREMENTS**

### **3.1 Standard Design** - The Trailer *shall*:

- (a) Be the manufacturer's latest model having demonstrated industry acceptability by having been

manufactured and sold commercially for at least 2 years, or, ***shall*** be manufactured by a company that has at least 5 years experience in design and manufacturing of a comparable type of equipment of equivalent or greater complexity.

- (b) Have engineering certification available, upon demand, for this application from the original manufacturers of major equipment systems and assemblies.
- (c) 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.
- (d) Have system and component capacities not greater than their published ratings (i.e. product or component brochures).

### **3.2 Safety Standards**

**3.2.1 Safety Regulations** - The trailer ***shall*** meet the provisions of the Canada Motor Vehicle Safety Act in effect on the date of manufacture of the Trailer. The Trailer ***shall*** carry the National Safety Mark.

**3.2.2 Human Engineering and Safety** – The Trailer, all systems and components ***shall***:

- (a) Be safe and easy to use by a 95<sup>th</sup> percentile male or 5<sup>th</sup> percentile female under all operating conditions;
- (b) Have all entry and exit points equipped with handles and steps suitably positioned, to accommodate a 95<sup>th</sup> percentile male or a 5<sup>th</sup> percentile female under all operating conditions; and
- (c) Be equipped, where required for operator safety, with safety features such as warning and instruction plates, non-slip walking surfaces and heat shields.

**3.3 Maintainability** All maintenance and repair tasks, especially routine operator maintenance, ***shall*** be easy to perform with a minimum of special tools and skills.

**3.4 Operating Conditions** The complete system, under all load conditions, ***shall*** operate safely and efficiently as follows without degradation in performance, reliability and maintainability:

- (a) On paved roads, gravel roads and dirt roads with severe washboard and pot holes.
- (b) In the temperature range of -37°C to 37°C (-34°F to 98°F).
- (c) With the stated payload under all operating conditions.
- (d) The trailer ***shall*** meet the requirement for California Department of Transportation (Caltrans).

### **3.5 Payload and Weight Ratings**

**3.5.1 Payloads** The trailer ***shall*** be capable of carrying uniformly distributed load of at least 27,216-kg (30-ton / 60,000-lbs).

**3.6 Dimensions** The following nominal dimensions ***shall***<sup>(E)</sup> be provided:

- (a) Trailer length – 16.1-metres (53. feet).
- (b) Overall width - 2,590-mm – 2,819-mm with roller tarp fully closed (102-111 inches).
- (c) Exterior trailer overall height with the roller tarp is fully closed not to exceed - 4.1-metres (13.5-feet).
- (d) Kingpin Height - 1,219-mm (48-inches).
- (e) Position of tandem bogie centerline ahead of the rear of trailer shall<sup>(E)</sup> be adjustable to meet California Road Regulations in 152-mm (6-inch) increments. Front and rear axle shall<sup>(E)</sup> move independently from each other with "UHMV" slider plastic pads. Air type locks shall<sup>(E)</sup> be provided.
- (f) Kingpin distance from front of trailer (KP) - 609-mm (24-inches).
- (g) Landing Wheel Clearance from Kingpin (LWC) - 2,667-mm (105-inches).

**3.7 Speed** The trailer with payload shall be capable of being towed at 105-km/h (65-mph).

### **3.8 Chassis and Auxiliary Systems**

**3.8.1 Air Brakes** The following shall be provided:

- (a) An anti-lock braking system (ABS) configured with four sensors and two modules – 4S-2M, with the intermediate axle slaved to the forward axle.
- (b) S-Cam type air brakes.
- (c) All trailer axles equipped with long stroke spring actuated, parking brake chambers.
- (d) Automatic slack adjusters.
- (e) Brake housing dust shields.
- (f) Colour coded visual brake stroke indicators.
- (g) Colour coded glad hand couplers offset to the roadside, with dummy glad hand couplers equipped with a safety chain provided for each glad hand.
- (h) Heated expello valves on air tanks.

**3.8.2 Tires and Wheels** The following shall<sup>(E)</sup> be provided:

- (a) Tubeless steel belted radial tires.
- (b) Tire size of 11R 22.5.
- (c) 8.25 X 22.5 hub pilot mounted aluminium disk wheels.

- (d) A hubometer that reads in kilometers mounted on the forward left-hand wheel of the trailer.

**3.8.3 Suspension and Axles** The following ***shall*** be provided:

- (a) An axle capacity of 10,432-kgs (23,000-lbs) each.
- (b) A suspension with rating of 10,432-kgs (23,000-lbs) each.
- (c) Automatic height control valve(s).
- (d) Manual air suspension dump valve(s).
- (e) Shock absorbers on all axles.
- (f) Suspension travel limiters. These are devices that prevent suspension over-travel while slinging or lifting the trailer for decking or sea transport. The devices ***shall***<sup>(E)</sup> be cables or chains fastened to the suspension beam or axle and the under frame at a length approximately equal to or less than the shock absorber extended stroke. The use of shock absorbers as travel limiters is not acceptable.

**3.8.4 Landing Gear** The following ***shall*** be provided:

- (a) An inter connected two legged, two speed, landing gear with self-leveling landing pads.
- (b) The crank handle located on the right hand side (road side) of the trailer.
- (c) A minimum lifting capacity of 22,675-kg (50,000-lbs).

**3.9 Electrical System**

**3.9.1 Electrical System Features** The following ***shall*** be provided:

- (a) A 12-volt negative ground electrical lighting system. The system ***shall***<sup>(E)</sup> utilize Grote, Truck-Lite, sealed harness c/w bullet or spade lamp connectors that are compatible with all lamps dipped in dielectric grease.
- (b) All lights LED type.
- (c) A seven-pin trailer receptacle.
- (d) An ABS trailer receptacle
- (e) Mid-ship combination turn signal/ clearance lamps on the left and right sides.
- (f) Five clearance lights installed on rear at bottom of body.
- (g) Two stop, tail and turn signal light assemblies on each rear corner.
- (h) Wiring protected by insulating grommets where passing through metal.

### 3.10 Trailer Construction

Trailer construction as specified in paragraph 3.10 is considered the minimum requirement. Trailer construction that exceeds the requirement in paragraph 3.10 will be considered acceptable. However, all mandatory requirements shall be met.

#### 3.10.1 Aluminum Trailer Body The following applies:

- (a) The trailer shall be equipped with a 8.53 m (53 feet) flat deck floor with a minimum carrying capacity of 27,216-kg (30-ton / 60,000-lbs) and an “accordion-style” rolling tarp system;
- (b) Large radius corners shall<sup>(E)</sup> be utilized on the front face of the headboard; and
- (c) All panel joints shall be designed to prevent the ingress of moisture.

#### 3.10.2 Trailer Frame The following applies:

- (a) The frame shall be properly reinforced for towing points.
- (b) The **cross members** shall<sup>(E)</sup> be 101-mm (4-inch) extruded aluminum I-beams on 304-mm (16-inch) centres welded to j" rail. The rear 1,828-mm (6-feet), shall<sup>(E)</sup> have cross-members spaced on 15-mm (6-inch) centers to accommodate the initial forklift front axle load.
- (c) The **coupler assembly** shall<sup>(E)</sup> be a full width, one piece, of galvanized steel with six structural steel 63-mm (¼ -inch) channels to reinforce the approach area and front wall. The bearing channels shall<sup>(E)</sup> be 2,540-mm x 1,016 –mm x 25 – mm (10- inches x 4-inches x ¼inch) ladder plates. There shall<sup>(E)</sup> be a 47-mm (3/16-inch) cap plate welded over the entire kingpin cavity to eliminate coupler warping. The exterior lower bulkhead shall<sup>(E)</sup> be 10-gauge x 2,286-mm (9-inches) stainless steel, completely welded to the coupler assembly, and wrapped around the radius corners to the sidewalls. A stainless steel welded pick-up ramping angle shall<sup>(E)</sup> be provided.

#### 3.10.3 Kingpin A 50-mm (2-inch) diameter kingpin shall be provided.

#### 3.10.4 Floor The following applies:

- (a) The floor structure shall be made of aluminum extrusions, flat type, inverted "T" of 31.75 millimeter (1-1/4 inch) strong enough for loading cargo by forklift with a 4,540-kg (10,000-lbs) GVW and 3,630-kg (8,000-lbs) single axle load.
- (b) The floor shall be aluminum with nailing strips.
- (c) Two rows, full length on each side of floor integrated securement track with quantity twelve multiposition cargo hands rated at 2,268 kg (5,000 lbs) shall<sup>(E)</sup> be provided.

**4.0 Roller Tarp System** – The deck shall be enclosed by a removable “accordion-style” roller tarp system that prevents visibility of the cargo while providing protection from the weather. The “Roll-Tite” system is provided as guidance. The system shall:

- (a) Be easily retractable forward or rearward to allow unhindered loading of cargo from the top or either side or the rear of the vehicle;
- (b) Be fully operable from ground level without requirement to climb onto the deck;
- (c) Be able to lock into place when extended; and
- (d) Not inhibit the securing of cargo or the function of other trailer equipment.

**4.1 Front Wall** - The trailer shall incorporate a strong front wall. The front wall shall<sup>(E)</sup> be provided:

- (a) Exterior skin painted white smooth aluminum sheet, at least 18 gauge (0.040 in), riveted wall posts and under-structure;
- (b) Rivets spaced 5 cm (2 in) centre to centre;
- (c) Wall posts of at 3.5 cm (1.38 in) roll formed galvanized sections on 41 cm (16 in) centers with wide flanges for lining;
- (d) Large aerodynamic radius corners utilized on the front face;
- (e) All panels joints desiogned to prevent the ingress of moisture;
- (f) have integrated access door that can be locked;
- (g) have air deflector installed and painted white; and
- (h) have two rear-facing LED flood lights to illuminate the cargo area, one on each side of the front wall.

**4.2 Superstructure** – The system shall be constructed of the strongest available superstructure with the maximum number of bows and lifters.

**4.3 Side Track & Wheel Assembly** – Side track installed on both sides, and full length of flat deck shall be provided. Tracks shall<sup>(E)</sup> be constructed of durable extruded aluminum. The tracks shall<sup>(E)</sup> have easy to replace polymer strip in order to protect wheels and track from wear. The track and wheel assembly shall not inhibit the sliding winches and strap operation through the rub rail. The assembly shall have roller wheels on sealed bearings in order to keep the system rolling smoothly with minimum maintenance.

**4.4 Tarp** – The tarp shall be:

- (a) Made of at least 20 oz heavy-duty material and reinforced with a secured layer at contact points;
- (b) Waterproof, weatherproof and resistant to mold, mildew, and UV degradation. The tarp also must perform in the temperature range listed in Section 3.2 **Operating Conditions**;
- (c) Reinforced against rubbing and puncture at critical areas; and
- (d) Coloured White.

**4.5 Rear Opening** – The rear opening ***shall*** be a roll-up tarp system of the same material and colour as the main tarp. It ***shall*** close tightly and be pad-lockable.

**5.0 Miscellaneous Equipment**

**5.1 Equipment Location** All systems and components ***shall*<sup>(E)</sup>** be properly located and/or protected from road hazards such as water, mud and gravel.

**5.2 Towing/Tie-down Points** The following ***shall*** be provided:

- (a) Two rear towing points positioned and of sufficient strength to permit the loaded trailer being recovered.
- (b) Railway tie-down points positioned and of sufficient strength to permit the securing and transportation of the loaded trailer on a railroad car.

**5.3 Tool Storage Compartment** The following applies:

- (a) One weatherproof aluminum compartment ***shall*** be provided.
- (b) The compartment ***shall*<sup>(E)</sup>** be mounted under the floor, located on the right side of the trailer. The compartment ***shall*<sup>(E)</sup>** be equipped with a drain valve, such as a flapper valve.
- (c) The compartment ***shall*<sup>(E)</sup>** measure 508-mm high by 609-mm deep by 914-mm wide nominal (20 by 24 by 36-inches).
- (d) The compartment door ***shall*<sup>(E)</sup>** swing outward and be equipped with flush- mounted, lockable slam-action latches.
- (e) The compartments will be used to stow chains, cables, ropes, a wheel jack and wheel changing tools.
- (f) The compartment floor ***shall*<sup>(E)</sup>** be covered with DRI decking.

**5.4 Mud Flaps** Mud flaps ***shall*** be provided.

**5.5 Spare Tire/Wheel Assembly and Tools** The following ***shall*** be provided:

- (a) One spare wheel assembly and carrier mounted on the right side rear of the landing gear.
- (b) Tire changing tools including a jack.

**5.6 Conspicuity Tape** The following applies:

- (a) Strips of reflective tape ***shall*** be applied in accordance with CMVSS 108.
- (b) The tape ***shall*<sup>(E)</sup>** be 3M Scotchlite Diamond Grade 980.
- (c) White tape ***shall*<sup>(E)</sup>** be applied horizontally near the floor line on each side and at the rear of the

body, and at the upper rear corners of the body.

**5.7 Dangerous Goods Placard Holders** Four aluminum "Dangerous Goods" placard holders ***shall*** be supplied as follows:

- (a) One each side of the body, centered front to rear, near the bottom;
- (b) One at the rear, lower curbside corner; and
- (c) One at the front, on the left front face of the headboard.

**5.8 Licence Plate Holder** A rear holder ***shall*** be provided with LED light.

**5.9 Document Holder** A holder ***shall*** be provided. The holder ***shall*<sup>(E)</sup>** be installed on the exterior of the left side of the landing gear.

## **6.0 Paint and Corrosion Protection**

**6.1 Paint Finish** The following applies:

- (a) The exposed exterior surfaces normally painted ***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.
- (b) A phosphate treatment plus primer or an E-coat system ***shall*<sup>(E)</sup>** be provided on ferrous metals, and then followed by two coats of paint.
- (c) A clear exterior grade sealer ***shall*<sup>(E)</sup>** be applied on all wooden areas.

**6.2 Paint Colour** The following applies:

- (a) Black ***shall*** be applied on exposed exterior surfaces normally painted such as bogie, coupler plate and landing gear. Chromed, polished and mill finished surfaces need not be painted.

**6.2.1 Corrosion Resistant Materials** The following applies:

- (a) Stainless steel, zinc plated or hot dipped galvanized fasteners ***shall*<sup>(E)</sup>** be provided.
- (b) The design of the trailer ***shall*<sup>(E)</sup>** prevent galvanic corrosion.

**6.2.2 Corrosion Protection System** The metal surfaces ***shall*** be treated with a corrosion rust preventive substance.

**7.0 Identification Plate** The following information ***shall*** be provided as a minimum, permanently marked and in a conspicuous and protected location:

- (a) Manufacturer, model, model year and serial number.
- (b) GAWR and GVWR ratings.

**8.0 Warning and Instruction Plates** The following *shall* be provided:

- (a) All plates within easy view of the user and in accordance with standard commercial practice.
- (b) International symbols and/or bilingual markings.

**9.0 Lubricants and Fluids** The trailer *shall* be serviced with standard lubricants and fluids compatible with the delivery location and season.

**10.0 Deliverable Information** The following is applicable to the complete system. The following items *shall* be provided:

(a) **Equipment Manuals** – The following manuals *shall* be provided:

- i. **Operator's/Owner's Manuals** – Operator's manuals *shall* be furnished in a bilingual format or as 2 manuals in a single binder (one English, one French). **A hard copy of the Operator's manual shall be delivered with each trailer;**
- ii. **Parts Manuals** – The Parts Manuals *shall* be in English (French translation is desirable);
- iii. **Maintenance (Shop Repair) Manuals** - The Maintenance (Shop Repair) Manual *shall* be in English (French translation is desirable);
- iv. A copy of the manuals on CD/DVD-ROM will acceptable. This *shall* include all the manuals provided in paragraphs (a) i, ii and iii. For usability, CD/DVD-ROM *shall not* require password to be accessed. The mandatory requirement as detailed in paragraph 10 (a) i *shall* be met;
- v. **Sample Manuals** – A set of Sample Manuals, including all of the above manuals. The sample manuals *shall* be delivered to the Technical Authority 15 working days before delivery of trailers. Sample manuals will not be returned. The Technical Authority will provide manual approval or comments within 30 days;

(b) **Data Summary** – The Contractor *shall* provide a Data Summary to the Technical Authority for each complete trailer make/model furnished. The Contractor *shall* complete Data Summary by filling in the required data and an electronic picture into a Data Summary template provided by the Technical Authority;

(c) **Photographs** – The contractor *shall* provide the Technical Authority with two (2) digital pictures, one of the left front three-quarter view, and one of the right rear three-quarter view. All pictures *shall*<sup>(E)</sup> be taken with a clear uncluttered background. The picture size *shall*<sup>(E)</sup> be at least 4 Mega pixels;

(d) **Warranty Letter** – The contractor *shall* provide a copy of the completed Warranty Letter with each trailer shipped in the format approved by the Technical Authority. The Contractor *shall* send a copy of the completed Warranty Notification Letter to the Technical Authority for each trailer shipped, at shipment. A copy of the Warranty Letter *shall* be forwarded to the Technical Authority in electronic format;

- (e) **Line Setting Ticket** – The Contractor ***shall*** provide a Line Setting Ticket, or equivalent, describing the components provided on the cab and chassis. One copy of the Line Setting Ticket ***shall*** accompany each completed trailer to the final delivery point. One copy of the Line Setting Ticket ***shall*** be forwarded to the Technical Authority as soon as they are available; and
- (f) **Familiarization** - The contractor ***shall*** provide 1-day (8 hours) instruction at each delivery destination no later than one month after delivery of each trailer. The instruction ***shall*** include the detailed operation and normal servicing of the trailer/equipment to be split into two - four hour segments for operator training and maintainer training.

## **11.0 QUALITY ASSURANCE PROVISIONS**

**11.1 Quality System Requirements**- The Contractor's Quality System ***shall*** be in compliance with Quality Assurance Clause found in the Contract. The contractor ***shall*** be responsible for the Quality System. The Quality Assurance Representative (QAR) will assure that the contractor is providing a Quality System.

**11.2 Performance and Verification Testing**- The first vehicle ***shall*** be examined and performance tested by the contractor, to ensure item by item conformance to specified requirements. The QAR and/or the Technical Authority may witness this testing and operate the unit sufficiently to assess the handling characteristics.

**APPENDIX - 1**  
**TECHNICAL INFORMATION APPENDIX**  
**DETACH, COMPLETE, AND RETURN**

**1. SCOPE**

**1.1 SCOPE** This Appendix covers technical information to be supplied by each bidder. This information is required by the Technical Authority for technical assessment of equipment offered.

**NOTE: IT IS THE BIDDERS RESPONSIBILITY TO CLARIFY OUTSTANDING TECHNICAL ISSUES, BY WRITTEN REQUEST, TO THE CONTRACTING OFFICER PRIOR TO BID SUBMISSION**

**3.1 Standard Design** - As specified ? Yes \_\_\_\_\_ No \_\_\_\_\_

Make, Model and Capacity \_\_\_\_\_

Model Year \_\_\_\_\_

**3.2.1 Safety Regulations** - As Specified? Yes \_\_\_\_\_ No \_\_\_\_\_

**3.2.2 Human Engineering and Safety** - As Specified? Yes \_\_\_\_\_ No \_\_\_\_\_

**3.3 Maintainability** – As specified? Yes \_\_\_\_\_ No \_\_\_\_\_

**3.4 Operating Conditions** - As Specified? Yes \_\_\_\_\_ No \_\_\_\_\_

**3.5 Payload and Weight Rating**

**3.5.1 Payload and Weight Rating** – As specified? Yes \_\_\_\_\_ No \_\_\_\_\_

	<u>Front</u>	<u>Rear</u>	<u>Total</u>
Total Curb Weight	_____	_____	_____
Maximum Payload	_____	_____	_____
Total Gross Weight	_____	_____	_____
Gross Trailer Weight Rating (GTWR)	_____		
Gross Axle Weight Rating (GAWR) – Front	_____		
Gross Axle Weight Rating (GAWR) – Rear	_____		

**3.6 Dimensions** - As specified? Yes \_\_\_\_\_ No \_\_\_\_\_

- (a) Trailer Length \_\_\_\_\_
- (b) Overall Width \_\_\_\_\_
- (c) Exterior Body Height \_\_\_\_\_
- (d) Kingpin Height \_\_\_\_\_
- (e) Bogie Position and Adjustment Increments \_\_\_\_\_
- (f) Kingpin Set Back Distance \_\_\_\_\_
- (g) Landing Wheel Clearance (LWC) \_\_\_\_\_

**3.7 Speed** - As Specified? Yes \_\_\_\_\_ No \_\_\_\_\_

Speed \_\_\_\_\_

**3.8 Chassis and Auxiliary Systems**

**3.8.1 Air Brakes** - As specified? Yes \_\_\_\_\_ No \_\_\_\_\_

- (a) Brakes - Make, Model and Size \_\_\_\_\_
- (b) Brakes Chambers - Make and Model \_\_\_\_\_

**3.8.2 Tires and Wheels** - As specified? Yes \_\_\_\_\_ No \_\_\_\_\_

- (a) Tires - Make, Model, Size and Capacity \_\_\_\_\_

(b) Wheels - Make, Model, Size and capacity \_\_\_\_\_

**3.8.3 Suspension and Axles** - As specified? Yes \_\_\_\_\_ No \_\_\_\_\_

(a) Forward Axle - Make, Model and Capacity \_\_\_\_\_

Rear Axle - Make, Model and Capacity \_\_\_\_\_

(b) Forward Suspension - Make, Model and Capacity \_\_\_\_\_

Rear Suspension - Make, Model and Capacity \_\_\_\_\_

**3.8.4 Landing Gear** - As specified? Yes \_\_\_\_\_ No \_\_\_\_\_

(a) Landing Gear - Make, Model and Capacity \_\_\_\_\_

### **3.9 Electrical System**

**3.9.1 Electrical System Features** - As specified? Yes \_\_\_\_\_ No \_\_\_\_\_

### **3.10 Trailer Construction**

**3.10.1 Trailer Body** - As specified? Yes \_\_\_\_\_ No \_\_\_\_\_

**3.10.2 Trailer Frame** - As specified? Yes \_\_\_\_\_ No \_\_\_\_\_

(a) Description \_\_\_\_\_

**3.10.3 Kingpin** - As specified? Yes \_\_\_\_\_ No \_\_\_\_\_

Kingpin Size \_\_\_\_\_

**3.10.4 Floor** - As specified? Yes \_\_\_\_\_ No \_\_\_\_\_

**4.0 Roller Tarp System** - As specified? Yes \_\_\_\_\_ No \_\_\_\_\_

Make and Model \_\_\_\_\_

**4.1 Front Wall** - As specified? Yes \_\_\_\_\_ No \_\_\_\_\_

**4.2 Superstructure** - As specify? Yes \_\_\_\_\_ No \_\_\_\_\_

**4.3 Side Tracks & Wheel Assemble** - As Specify? Yes \_\_\_\_\_ No \_\_\_\_\_

**4.4 Tarp** - As specify? Yes \_\_\_\_\_ No \_\_\_\_\_

**4.5 Rear Opening** - As specified? Yes \_\_\_\_\_ No \_\_\_\_\_

(a) Rear Opening - Dimensions \_\_\_\_\_

**5.0 Miscellaneous Equipment**

**5.1 Equipment Location** - As Specified? Yes \_\_\_\_\_ No \_\_\_\_\_

**5.2 Towing/Tie-Down Points** - As Specified? Yes \_\_\_\_\_ No \_\_\_\_\_

**5.3 Tool Storage Compartment** - As specified? Yes \_\_\_\_\_ No \_\_\_\_\_

Compartment Dimensions – L \_\_\_\_\_ W \_\_\_\_\_ H \_\_\_\_\_

**5.4 Mud Flaps** - As Specified? Yes \_\_\_\_\_ No \_\_\_\_\_

**5.5 Spare Tire/Wheel Assembly and Tools** - As Specified? Yes \_\_\_\_\_ No \_\_\_\_\_

**5.6 Conspicuity Tape** - As specified? Yes \_\_\_\_\_ No \_\_\_\_\_

**5.7 Dangerous Goods Placard Holders** - As specified? Yes \_\_\_\_\_ No \_\_\_\_\_

**5.8 License Plate Holder** - As Specified? Yes \_\_\_\_\_ No \_\_\_\_\_

**5.9 Document Holder** - As Specified? Yes \_\_\_\_\_ No \_\_\_\_\_

**6.0 Paint and Corrosion Protection**

**6.1 Paint Finish** - As Specified? Yes \_\_\_\_\_ No \_\_\_\_\_

**6.2 Paint Colour** - As Specified? Yes \_\_\_\_\_ No \_\_\_\_\_

**6.2.1 Corrosion Resistant Materials** - As Specified? Yes \_\_\_\_\_ No \_\_\_\_\_

**6.2.2 Corrosion Protection System** - As Specified? Yes \_\_\_\_\_ No \_\_\_\_\_

**7.0 Identification Plate** - As Specified? Yes \_\_\_\_\_ No \_\_\_\_\_

**8.0 Warning and Instruction Plates** - As Specified? Yes \_\_\_\_\_ No \_\_\_\_\_

**9.0 Lubricants and Fluids** - As Specified? Yes \_\_\_\_\_ No \_\_\_\_\_

**10.0 Deliverable Information** – As Specified? Yes \_\_\_\_\_ No \_\_\_\_\_

**11.0 Quality Assurance Provisions** - As Specified? Yes \_\_\_\_\_ No \_\_\_\_\_

