



**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 0B2 / Noyau 0B2  
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> Truck, Tractor, Heavy	
<b>Solicitation No. - N° de l'invitation</b> W8476-206179/A	<b>Date</b> 2019-08-06
<b>Client Reference No. - N° de référence du client</b> W8476-206179	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$HP-539-77553	
<b>File No. - N° de dossier</b> hp539.W8476-206179	<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 2019-09-16</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Daylight Saving Time EDT
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Cafferty, Kathy	<b>Buyer Id - Id de l'acheteur</b> hp539
<b>Telephone No. - N° de téléphone</b> (613) 297-2896 ( )	<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  
140 O'Connor, Tower East  
4th Floor  
140 O'Connor, Tour Est  
4ème étage  
Ottawa  
Ontario  
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>

## **TABLE OF CONTENTS**

### **PART 1 - GENERAL INFORMATION**

- 1.1 Requirement
- 1.2 Debriefings
- 1.3 Trade Agreements
- 1.4 epost Connect service

### **PART 2 - BIDDER INSTRUCTIONS**

- 2.1 Standard Instructions, Clauses and Conditions
- 2.2 Submission of Bids
- 2.3 Enquiries - Bid Solicitation
- 2.4 Applicable Laws
- 2.5 Improvement of Requirement during Solicitation Period

### **PART 3 - BID PREPARATION INSTRUCTIONS**

- 3.1 Bid Preparation Instructions

### **PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION**

- 4.1 Evaluation Procedures
- 4.2 Basis of Selection

### **PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION**

- 5.1 Certifications Required with the Bid
- 5.2 Certifications Precedent to Contract Award and Additional Information

### **PART 6 - RESULTING CONTRACT CLAUSES**

- 6.1 Requirement
- 6.2 Standard Clauses and Conditions
- 6.3 Term of Contract
- 6.4 Authorities
- 6.5 Payment
- 6.6 Invoicing Instructions
- 6.7 Certifications
- 6.8 Applicable Laws
- 6.9 Priority of Documents
- 6.10 SACC Manual Clauses
- 6.11 Inspection and Acceptance
- 6.12 Preparation for Delivery
- 6.13 Shipping Instructions - Delivery at Destination
- 6.14 Post-Contract Award Meeting/Pre-Production Meeting
- 6.15 Progress Reports
- 6.16 Tools and Loose Equipment
- 6.17 Material
- 6.18 Design Changes
- 6.19 Interchangeability
- 6.20 Packaging

Solicitation No. - N° de l'invitation  
W8476-206179/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur  
hp539

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

File No. - N° du dossier  
W8476-206179

CCC No./N° CCC - FMS No/ N° VME

---

## 6.21 Vehicle Recall Notices

### Attachments

Annex "A" - Pricing

Annex "B" - Purchase Description – Truck, Tractor, Heavy dated 2019-06-06

Appendix 1 to Annex "B" - Technical Information Questionnaire dated 2019-06-06

Annex "C" to Part 3 of the Bid Solicitation - Electronic Payment Instruments

## **PART 1 - GENERAL INFORMATION**

### **1.1 Requirement**

Canada is seeking proposals to procure:

**1.1.1 Qty 3, Truck, Tractor, Heavy** and ancillary items as described in Annex "A" - Pricing and in accordance with Annex "B"- Purchase Description Truck, Tractor, Heavy dated 2019-06-06.

**1.1.2** Irrevocable options identified in Annex "A"- Pricing.

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

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

1.1.2.3 The options may be exercised within twelve (12) months after contract award.

### **1.2. Debriefings**

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.

### **1.3. Trade Agreements**

The requirement is subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), the North American Free Trade Agreement (NAFTA), the Canada-European Union Comprehensive Economic and Trade Agreement (CETA), and the Canadian Free Trade Agreement (CFTA).

### **1.5 Epost Connect service**

This bid solicitation allows bidders to use the epost Connect service provided by Canada Post Corporation to transmit their bid electronically. Bidders must refer to Part 2 entitled Bidder Instructions, and Part 3 entitled Bid Preparation Instructions, of the bid solicitation, for further information.

## **PART 2 - BIDDER INSTRUCTIONS**

### **2.1 Standard Instructions, Clauses and Conditions**

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

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

The **2003 (2019-03-04)** Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

The 2003 standard instructions is amended as follows:

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

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

### **2.2 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 in the bid solicitation.

Note: For bidders choosing to submit using epost Connect for bids closing at the Bid Receiving Unit in the National Capital Region (NCR) the email address is:

[tpsgc.dgareceptiondessousmissions-abbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca](mailto:tpsgc.dgareceptiondessousmissions-abbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca)

Note: Bids will not be accepted if emailed directly to this email address. This email address is to be used to open an epost Connect conversation, as detailed in Standard Instructions 2003, or to send bids through an epost Connect message if the bidder is using its own licensing agreement for epost Connect.

### **2.3 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 to all bidders. Enquiries not submitted in a form that can be distributed to all bidders may not be answered by Canada.

## **2.4 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.

## **2.5 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.

## **PART 3 - BID PREPARATION INSTRUCTIONS**

### **3.1 Bid Preparation Instructions**

If the Bidder chooses to submit its bid electronically, Canada requests that the Bidder submits its bid in accordance with section 08 of the 2003 standard instructions. The epost Connect system has a limit of 1GB per single message posted and a limit of 20GB per conversation.

The bid must be gathered per section and separated as follows:

Section I: Technical Bid  
Section II: Financial Bid  
Section III: Certifications  
Section IV: Additional Information

If the Bidder chooses to submit its bid in hard copies, Canada requests that the Bidder submits its bid in separately bound sections as follows:

Section I: Technical Bid (1 hard copy)  
Section II: Financial Bid (1 hard copy)  
Section III: Certifications (1 hard copy)  
Section IV: Additional Information (1 hard copy)

If the Bidder is simultaneously providing copies of its bid using multiple acceptable delivery methods, and if there is a discrepancy between the wording of any of these copies and the electronic copy provided through epost Connect service, the wording of the electronic copy provided through epost Connect service will have priority over the wording of the other copies.

Canada requests that bidders follow the format instructions described below in the preparation of hard copy 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](https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573) (<https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573>). To assist Canada in reaching its objectives, bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

#### **Section I: Technical Bid**

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

Bidders should complete and submit with their bid the following;

- Appendix "1" to Annex "B: - Technical Information Questionnaire dated 2019-06-06

### **3.1.1 Substitute and Alternatives**

Bidders may propose substitutes and alternatives where equivalent is indicated in the technical requirement description (Purchase Description/Statement of Requirement/Statement of Work). Offerors / suppliers are encouraged to offer or suggest green solutions whenever possible.

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. 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.

### **Section II: Financial Bid**

Bidders must submit their bid in accordance with the Basis of Payment specified in Part 6 and Annex A - Pricing.

#### **3.1.2 Electronic Payment of Invoices – Bid**

If you are willing to accept payment of invoices by Electronic Payment Instruments, complete Annex "C" Electronic Payment Instruments, to identify which ones are accepted.

If Annex "C" Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

### 3.1.3 Exchange Rate Fluctuation Risk Mitigation

1. The Bidder may request Canada to assume the risks and benefits of exchange rate fluctuations. If the Bidder claims for an exchange rate adjustment, this request must be clearly indicated in the bid at time of bidding. The Bidder must submit form [PWGSC-TPSGC 450](http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/450-eng.html) (http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/450-eng.html), Claim for Exchange Rate Adjustments with its bid, indicating the Foreign Currency Component (FCC) in Canadian dollars for each line item for which an exchange rate adjustment is required.
2. The FCC is defined as the portion of the price or rate that will be directly affected by exchange rate fluctuations. The FCC should include all related taxes, duties and other costs paid by the Bidder and which are to be included in the adjustment amount.
3. The total price paid by Canada on each invoice will be adjusted at the time of payment, based on the FCC and the exchange rate fluctuation provision in the contract. The exchange rate adjustment will only be applied where the exchange rate fluctuation is greater than 2% (increase or decrease).
4. At time of bidding, the Bidder must complete columns (1) to (4) on form [PWGSC-TPSGC 450](http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/450-eng.html) (http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/450-eng.html), for each line item where they want to invoke the exchange rate fluctuation provision. Where bids are evaluated in Canadian dollars, the dollar values provided in column (3) should also be in Canadian dollars, so that the adjustment amount is in the same currency as the payment.
5. Alternate rates or calculations proposed by the Bidder will not be accepted for the purposes of this exchange rate fluctuation provision.

### Section III: Certifications

Bidders must submit the certifications required under Part 5 - Certifications.

### Section IV: Additional Information

Canada requests that bidders submit the following information:

#### 3.1.4 Delivery

##### Firm Quantity

While delivery of the vehicle(s) is requested by 31 March 2020 the best delivery that can be offered is as follows:

Item 001 – Qty 1, Truck Tractor, Day Cab and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 002 – Qty 2, Truck Tractor, Sleeper Cab and related items 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 003 – Up to Qty 1, Truck Tractor, Day Cab and ancillary items will be delivered within \_\_\_\_\_ calendar days after an option is exercised.

Item 004 – Up to Qty 2, Truck Tractor, Sleeper Cab and ancillary items will be delivered within \_\_\_\_\_ calendar days after an option is exercised.

## **PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION**

### **4.1. Evaluation Procedures**

- a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- b) An evaluation team composed of representatives of Canada will evaluate the bids.
- c) Canada will use the Phased Bid Compliance Process described below.

#### **4.1.1 Mandatory Technical Evaluation Criteria**

- a) Bidders must demonstrate their compliance with all technical evaluation criteria detailed in Appendix 1 - Technical Information Questionnaire, by providing substantial information describing completely and in detail how each requirement is met or addressed. Simply repeating the statement contained in the bid solicitation is not sufficient.
- b) Bidders proposing substitutes and/or alternatives must submit, with their bid all the information requested as detailed in Part 3, section 2 - Substitutes and Alternatives to be considered for evaluation.

#### **4.1.2 Mandatory Financial Evaluation Criteria**

- 4.1.2.1 Bidders must provide, with their bid, the financial information requested in the bid solicitation and at Annex A - Pricing for items 001, 002, 003, 004, 005, and 006.
- 4.1.2.2 The prices of the bid Bids must be in Canadian dollars, DDP Delivered Duty Paid at destination, Incoterms 2000, for the firm quantity for items 001, 002 and optional quantity item 003, 004, Canadian dollars for familiarization instructions/training (option) item 005 and item 006. Canadian Custom Duties and Excise Taxes included where applicable, and Applicable Taxes are extra.
- 4.1.2.3 **Aggregate Evaluated Price**  
  
Bids will be evaluated on an aggregate price basis for the firm quantity, the optional quantity and the familiarization instructions/training (option).
- 4.1.2.4 To determine the total price for the firm quantity, calculation will be as follows:
  - a) The firm unit price for the firm quantity will be multiplied by their identified estimated quantities.
- 4.1.2.5 Since the optional quantities are to be exercised by provinces, the firm unit price for the optional quantity will be averaged.  
  
To determine the average price for the optional quantities, calculation will be as follows:
  - a) The firm unit price for the optional quantity for each province identified will be added; and

- b) The sum will be divided by five (5).

4.1.2.6 The firm unit price for the English and French familiarization instructions/training (option) will be averaged.

To determine the average price for the familiarization/training (option), calculation will be as follows:

- a) The firm unit price for the English and French familiarization/Instructions/training (option) will be added; and

- b) The sum will be divided by two (2).

4.1.2.7 To determine the aggregate evaluated price for the firm quantity, optional quantity and the familiarization instructions/training (option), calculation will be as follows:

- a) The average price for the optional quantity obtained in 4.1.2.5 (b) above will be multiplied by the total estimated optional quantity identified;

- b) The average price for the familiarization instructions/training (option) obtained in 4.1.2.6 (b) above will be multiplied by the total estimated optional quantity identified; and

- c) The result will be added to the total price for the firm quantity obtained in 4.1.2.4 (a) above.

## 4.2. 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.

## **PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION**

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

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

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

### **5.1 Certifications Required with the Bid**

Bidders must submit the following duly completed certifications as part of their bid.

#### **5.1.1 Integrity Provisions - Declaration of Convicted Offences**

In accordance with the Integrity Provisions of the Standard Instructions, all bidders must provide with their bid, if applicable, the declaration form available on the [Forms for the Integrity Regime](http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html) website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>), to be given further consideration in the procurement process.\

### **5.2 Certifications Precedent to Contract Award and Additional Information**

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

#### **5.2.1 Federal Contractors Program for Employment Equity - Bid Certification**

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#>).

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

#### **5.2.2 Product Conformance**

The Bidder certifies that all vehicles/equipment proposed conform, and will continue to conform throughout the duration of the contract, to all technical specifications of the purchase description(s).

This certification does not relieve the bid from meeting all mandatory technical evaluation criteria detailed in Part 4.

\_\_\_\_\_  
Bidder's authorized representative signature

\_\_\_\_\_  
Date

### 5.2.3 General Environmental Criteria Certification

The Bidder must select and complete one of the following two certification statements.

- a) The Bidder certifies that the Bidder is registered or meets ISO 14001.

\_\_\_\_\_  
Bidders' Authorized Representative Signature

\_\_\_\_\_  
Date

Or

- b) The Bidder certifies that the Bidder meets and will continue to meet throughout the duration of the contract, a minimum of four (4) out of six (6) criteria identified in the table below.

The Bidder must indicate which four (4) criteria, as a minimum, are met.

Green Practices within the Bidders' organization	Insert a checkmark for each criterion that is met
Promotes a paperless environment through directives, procedures and/or programs	
All documents are printed double sided and in black and white for day to day business activity unless otherwise specified by your client	
Paper used for day to day business activity has a minimum of 30% recycled content and has a sustainable forestry management certification	
Utilizes environmentally preferable inks and purchase remanufactured ink cartridges or ink cartridges that can be returned to the manufacturer for reuse and recycling for day to day business activity.	
Recycling bins for paper, newsprint, plastic and aluminum containers available and emptied regularly in accordance with local recycling program.	
A minimum of 50% of office equipment has an energy efficient certification.	

\_\_\_\_\_  
Bidders' Authorized Representative Signature

\_\_\_\_\_  
Date

## PART 6 - RESULTING CONTRACT CLAUSES

### 6.1. Requirement

6.1.1 The Contractor must deliver Qty 3, **Truck, Tractor, Heavy** and ancillary items as described in Annex "A" - Pricing and in accordance with Annex "B"- Purchase Description - Truck, Tractor, Heavy dated 2019-06-06

6.1.2 The Contractor grants to Canada irrevocable options identified in Annex "A"- Pricing.

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

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

6.1.2.3 The options may be exercised within twelve (12) months after contract award.

### 6.2. Standard Clauses and Conditions

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

#### 6.2.1 General Conditions

**2010A (2018-06-21)** General Conditions - Goods (Medium Complexity), apply to and form part of the contract.

Section 09 entitled Warranty of General Conditions 2010A is amended as follows:

Delete subsection 2 in its entirety and replace 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.

All other provisions of the warranty section remain in effect.

### 6.3. Term of Contract

#### 6.3.1 Delivery of the Vehicle(s)

6.3.1.1 Firm Quantity

Delivery date of the vehicle(s) must be made as follows:

Item 001 - Qty 1, **Truck, Tractor, Heavy, Day Cab** and ancillary items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 002 - Qty 2, **Truck, Tractor, Heavy, Sleeper Cab** and ancillary items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

#### 6.3.1.2 Option Quantity

Item 003 – Up to Qty 1, **Truck, Tractor, Heavy, Day Cab** and ancillary items to be delivered within \_\_\_\_\_ calendar days after an option is exercised. (Days to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 004 – Up to Qty 2, **Truck, Tractor, Heavy, Sleeper Cab** and ancillary items to be delivered within \_\_\_\_\_ calendar days after an option is exercised. (Days to be inserted by PWGSC the Contracting Authority at time of contract award.)

### 6.4. Authorities

#### 6.4.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Kathy Cafferty  
Title: Supply Specialist  
Organization: Public Works and Government Services Canada - Acquisitions Branch  
LEFT Directorate, HP Division,  
140 O'Connor Street, Ottawa, ON  
Telephone: 613-297-2896  
E-mail: kathy.cafferty@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.

#### 6.4.2 Procurement Authority

The Procurement Authority for the Contract is:

Name: \_\_\_\_\_ (To be inserted by PWGSC at time of contract award.)  
Title: \_\_\_\_\_  
Organization: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Telephone: \_\_\_\_ - \_\_\_\_ - \_\_\_\_  
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.

#### 6.4.3 Technical Authority:

The Technical Authority for the Contract is:

Name: \_\_\_\_\_ (To be inserted by PWGSC at time of contract award.)  
Title: \_\_\_\_\_  
Organization: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Telephone: \_\_\_\_ - \_\_\_\_ - \_\_\_\_  
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.

#### 6.4.4 Contractor's Representative

Name and telephone number of the person responsible for:

General enquiries

Name: \_\_\_\_\_ (To be completed by the bidder.)  
Title: \_\_\_\_\_  
Telephone: \_\_\_\_ - \_\_\_\_ - \_\_\_\_  
E-mail: \_\_\_\_\_

Delivery follow-up

Name: \_\_\_\_\_ (To be completed by the bidder.)  
Title: \_\_\_\_\_  
Telephone: \_\_\_\_ - \_\_\_\_ - \_\_\_\_  
E-mail: \_\_\_\_\_

#### 6.4.5 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:

##### Item 001

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

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

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

**Item 002**

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

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

\_\_\_\_\_

\_\_\_\_\_

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

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

**6.5. Payment**

**6.5.1 Basis of Payment**

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid the firm price(s) specified in Annex "A" - Pricing, and as follows:

**6.5.1.1 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, and applicable Taxes are extra.

The price paid will be adjusted in accordance with the exchange rate fluctuation provision (as applicable). (delete if the bidder does not request the exchange rate fluctuation)

**6.5.1.2 Basis of Payment (BOP) Type 2**

Firm unit prices in Canadian dollars, including Canadian Custom Duties and Excise Taxes included where applicable, and applicable Taxes are extra. The price paid will be adjusted in accordance with the exchange rate fluctuation provision (as applicable). (delete if the bidder does not request the exchange rate fluctuation)

**6.5.1.3 Basis of Payment (BOP) Type 3**

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/d10/v238/en>), 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. All payments are subject to government audit.

When requested by Canada, the Contractor must provide an estimated cost and relevant information for the travel and living.

The price paid will be adjusted in accordance with the exchange rate fluctuation provision (as applicable). (delete if the bidder does not request the exchange rate fluctuation)

### 6.5.2 Electronic Payment of Invoices – Contract

The Contractor accepts to be paid using any of the following Electronic Payment Instrument(s):

- a. Visa Acquisition Card;
- b. MasterCard Acquisition Card;
- c. Direct Deposit (Domestic and International);
- d. Electronic Data Interchange (EDI);
- e. Wire Transfer (International Only);
- f. Large Value Transfer System (LVTS) (Over \$25M)

### 6.5.3 SACC Manual Clauses

C6000C	Limitation of price	2017-08-17
H1001C	Multiple Payments	2008-05-12
C3015C	Exchange rate fluctuation adjustment	2017-08-17

## 6.6 Invoicing Instructions

6.6.1 The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions including the **Client Ref # BT017**. Invoices cannot be submitted until all work identified in the invoice is completed. Offerors /suppliers are requested to provide invoices in electronic format unless otherwise specified by the Contracting Authority or Project Authority, thereby reducing printed material.

6.6.2 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: DLP \_\_\_\_\_

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

### 6.6.3 Holdback

A ten percent (10%) holdback will apply on the total price of each vehicle (Items 001, 002, 003, 004) on any due payment of the said vehicle/equipment. Release of the holdback

(10%) is conditional upon receipt and certified acceptance by inspection authority of the said vehicle and all ancillary items as identified in Annex "A" - Pricing.

Applicable Taxes 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 Taxes 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.

## 6.7. Certifications

### 6.7.1 Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Contractor in its bid or precedent to contract award, and the ongoing cooperation in providing additional information are conditions of the Contract and failure to comply will constitute the Contractor in default. Certifications are subject to verification by Canada during the entire period of the Contract.

## 6.8 Applicable Laws

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

## 6.9 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 (2018-06-21) General Conditions - Goods (Medium Complexity);
- (c) Annex "A" - Pricing;
- (d) Annex "B" - Purchase Description - Truck, Tractor, Heavy dated 2019-06-06
- (e) Appendix 1 - Technical Information Questionnaire dated 2019-06-06
- (f) the Contractor's bid dated \_\_\_\_\_.

## 6.10 SACC Manual Clauses

A1009C	Work Site Access	2008-05-12
A9006C	Defence Contract	2012-07-16
A9049C	Vehicle Safety	2011-05-16
A9062C	Canadian Forces Site Regulations	2011-05-16
C2800C	Priority Rating	2013-01-28
C2801C	Priority Rating - Canadian-based Contractors	2017-08-17
D3010C	Delivery of Dangerous Goods / Hazardous Products	2016-01-28
D5545C	ISO 9001:2000 - Quality Management Systems - Requirements (QAC C)	2010-08-16

---

D9002C	Incomplete Assemblies	2007-11-30
G1005C	Insurance	2016-01-28

### 6.11 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.

### 6.12 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 inspection authority or consignee personnel at the final delivery location.

The fuel tanks must be at least half full prior to release of the vehicle(s) to inspection authority or consignee.

### 6.13 Shipping Instructions - Delivery at Destination

- 6.13.1 The Contractor must ship the goods prepaid DDP - Delivered Duty Paid (as detailed at Annex "A"- Pricing). 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.
- 6.13.2 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.

### 6.14 Post-Contract Award Meeting/Pre-Production Meeting

Within ten (10) calendar days from the effective date of the Contract, the Contractor must contact the Contracting Authority to determine if a post-contract award meeting is required. A meeting will be convened at the discretion of the Technical Authority after contract award to review technical and contractual requirements. The Contractor shall be responsible for the preparation and distribution of the minutes of meeting within five (5) calendar days after the meeting has been held. The meeting will be held at the Contractor's facilities or at the Department of National Defence facility or via teleconference, at Canada's discretion at no additional cost to Canada, with representatives of the Contractor, the Department of National Defence and Public Works and Government Services Canada.

### 6.15 Progress Reports

The Contractor must submit monthly reports, in electronic format, on the progress of the Work, to both the Technical Authority and the Contracting Authority.

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.

### **6.16 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.

### **6.17 Material**

Material supplied must be new unused and of current production by manufacturer. (2020 model-year or newer).

### **6.18 Design Changes**

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

### **6.19 Interchangeability**

Unless changes during the production run are authorized by Contracting 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.

### **6.20 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.

### **6.21 Vehicle Recall Notices**

All vehicle recall notices must be forwarded to:

National Defence Headquarters  
MGen George R. Pearkes Building  
101 Colonel By Drive  
Ottawa, Ontario K1A 0K2

Attention: (designation and name of TA to be inserted by PWGSC at contract award)

---

**ANNEX "A" - PRICING**

Item 001 **Truck, Tractor, Day Cab** (Firm Quantity)

The Contractor must deliver the vehicle/equipment including the manuals, photographs and line drawings, data summary, warranty letter(s), safety data sheets, rust protection warranty, training plan(s), line setting ticket, and familiarization training in English in accordance with the attached Annex "B" - Purchase Description – Truck, Tractor, Heavy dated 2019-06-06.

The truck and ancillary items must be delivered to:

**CFB Esquimalt**

Major Equipment Section  
Building 1127  
Work Point Barracks  
Victoria, BC V9A 7N2

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 vehicle, including all equipment and ancillary items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

Quantity: One (1)

Item 002 **Truck, Tractor, Sleeper Cab** (Firm Quantity)

The Contractor must deliver the vehicle/equipment including the manuals, photographs and line drawings, data summary, warranty letter(s), safety data sheets, rust protection warranty, training plan(s), line setting ticket, and familiarization training in English in accordance with the attached Annex "B" - Purchase Description – Truck, Tractor, Heavy dated 2019-06-06.

The truck and ancillary items must be delivered to:

**CFB Esquimalt**

Major Equipment Section  
Building 1127  
Work Point Barracks  
Victoria, BC V9A 7N2

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 vehicle, including all equipment and ancillary items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

Quantity: Two (2)

Item 003 **Truck, Tractor, Day Cab** (Optional Quantity)

If this option is exercised, the Contractor must deliver the vehicle/equipment including manuals, warranty letter(s), safety data sheets, rust protection warranty and line setting ticket in accordance with the attached Annex "B" - Purchase Description – Truck, Tractor, Heavy dated 2019-06-06.

**For Destinations in British Columbia:**

Firm unit price of \$ \_\_\_\_\_ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

**For Destinations in Alberta and Saskatchewan:**

Firm unit price of \$ \_\_\_\_\_ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

**For Destinations in Manitoba:**

Firm unit price of \$ \_\_\_\_\_ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

**For Destinations in Ontario and Quebec:**

Firm unit price of \$ \_\_\_\_\_ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

**For Destinations in New Brunswick and Nova Scotia:**

Firm unit price of \$ \_\_\_\_\_ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

Quantity: Up to Qty 1

Item 004 **Truck, Tractor, Sleeper Cab** (Optional Quantity)

If this option is exercised, the Contractor must deliver the vehicle/equipment including manuals, warranty letter(s), safety data sheets, rust protection warranty and line setting ticket in accordance with the attached Annex "B" - Purchase Description – Truck, Tractor, Heavy dated 2019-06-06.

**For Destinations in British Columbia:**

Firm unit price of \$ \_\_\_\_\_ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

**For Destinations in Alberta and Saskatchewan:**

Firm unit price of \$ \_\_\_\_\_ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

**For Destinations in Manitoba:**

Firm unit price of \$ \_\_\_\_\_ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

**For Destinations in Ontario and Quebec:**

Firm unit price of \$ \_\_\_\_\_ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

**For Destinations in New Brunswick and Nova Scotia:**

Firm unit price of \$ \_\_\_\_\_ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

Quantity: Up to Qty 2

**Item 005 Familiarization Instructions/Training - English (Option)**

If this option is exercised, the Contractor must provide familiarization instruction/training, in accordance with the attached Annex "B"- Purchase Description Truck, Tractor, Heavy dated 2019-06-06.

Firm unit price of \$ \_\_\_\_\_ in accordance with Basis of Payment Type 2(as detailed at Clause 6.5.1 Basis of Payment).

Quantity: Up to Qty 3

**Item 006 Familiarization Instructions/Training - French (Option)**

If this option is exercised, the Contractor must provide familiarization instruction/training, in accordance with the attached Annex "B"- Purchase Description Tractor, Heavy dated 2019-06-06.

Firm unit price of \$ \_\_\_\_\_ in accordance with Basis of Payment Type 2(as detailed at Clause 6.5.1 Basis of Payment).

Quantity: Up to Qty 3

**Item 007 Travel and Living for Familiarization Instruction/Training (Option)**

(Item 007 will not be included in the financial evaluation)

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

When requested by Canada, the Contractor must provide an estimated cost for the travel and living.

Estimated cost: \$ \_\_\_\_\_ (to be inserted by PWGSC if an option is exercised) Familiarization Instruction/Training, for Travel and Living expenses, Delivered Duty Paid at destination, in accordance with Clause 6.5.1, Basis of Payment Type 3.

Quantity: Up to Qty 3

Solicitation No. - N° de l'invitation  
W8476-206179/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur  
hp539

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

File No. - N° du dossier  
W8476-206179

CCC No./N° CCC - FMS No/ N° VME

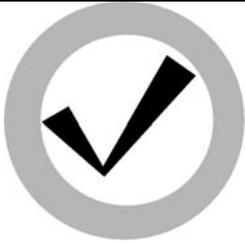
---

## **ANNEX "C" TO PART 3 OF THE BID SOLICITATION**

### **ELECTRONIC PAYMENT INSTRUMENTS**

The Bidder accepts any of the following Electronic Payment Instrument(s):

- VISA Acquisition Card;
- MasterCard Acquisition Card;
- Direct Deposit (Domestic and International);
- Electronic Data Interchange (EDI);
- Wire Transfer (International Only);
- Large Value Transfer System (LVTS) (Over \$25M)



**NOTICE**

This documentation has been reviewed by the **Technical Authority** and does not contain controlled goods.

**AVIS**

Cette documentation a été révisée par l'**Autorité technique** et ne contient pas de marchandises contrôlées.

1. **SCOPE**

1.1 **Scope** - This Purchase Description covers the requirements for highway tractors with accessories.

1.2 **Instructions** - The following instructions apply to this Purchase Description.

- (a) Requirements, which are identified by the word "**must**", are mandatory. Deviations will not be permitted;
- (b) Requirements identified with a "will" define actions to be performed by Canada and require no action/obligation on the Contractor's part;
- (c) Where "**must**" or "will" are not used, the information supplied is for guidance only;
- (d) Where a standard is specified and the Contractor has offered an **equivalent**, that **equivalent** standard **must** be supplied by the Contractor;
- (e) Where a technical certification is referred to in this Purchase Description, a copy of the certification or an acceptable **Proof of Compliance must** be supplied for the vehicle when requested by the **Technical Authority** up until the date of the expiration of the warranty period; and
- (f) While the SI system **must** be used as the primary system of measurement to define requirements of this Purchase Description, both the SI system and the standard system for this product may be indicated. Conversion from one system of measurement to the other may not be exact.

1.3 **Definitions**

- (a) "**Provided**" means "provided and installed";
- (b) "**Technical Authority**" means the official responsible for the technical content of this requirement;
- (c) "**Equivalent**" means a standard, means, or component type, which the **Technical Authority** has approved for this requirement as meeting the specified requirements for fit, form, function and performance;
- (d) "**Commercially Equipped**" means that the vehicle is provided in its standard commercial configuration with no additional government-specific requirements;
- (e) "**Curb Weight**" (**CW**) means the weight of the fully equipped vehicle. The curb weight includes the cab and chassis, all attached accessories, equipment, fuel, lubricant and coolants. The **Curb Weight** does not include the **Payload**, the weight of the driver/passenger(s) or their personal kit and equipment;



**ANNEX B**  
**PURCHASE DESCRIPTION**  
**TRUCK, TRACTOR, HEAVY**

- (f) **“Payload”** means the maximum cargo load carrying capacity of the vehicle. The payload is the calculated difference between the Curb Weight and the Gross Vehicle Weight Rating;
- (g) **“Gross Vehicle Weight” (GVW)** means the sum of the **Curb Weight**, the weight of the driver and passenger(s) (80 kg per person) and the weight of their personal kit and equipment. The **GVW must** not exceed the Gross Vehicle Weight Rating (GVWR);
- (h) **“Gross Vehicle Weight Rating” (GVWR)** means the maximum operating weight of the vehicle as stated by the manufacturer;
- (i) **“Gross Combined Weight Rating” (GCWR)** means the maximum allowable combined weight of the vehicle, with passengers and equipment in the vehicle, plus the weight of the trailer and payload in the trailer;
- (j) **“Gross Axle Weight” (GAW)** means the maximum load on an axle with the vehicle fully loaded; and
- (k) **“Gross Axle Weight Rating” (GAWR)** means the load capacity of an axle.

1.4 **Data Table** - The following table shows required performance and dimensions for each Configuration.

CHARACTERISTIC	PARAGRAPH	UNITS	CONFIGURATION	
			A	B
GRADABILITY	3.4 (b)	%	0.7	0.7
HORSEPOWER	3.4 (c)	HP	550	550
GCWR	3.4.1	kg	63,500	63,500
FRAME RBM	3.6 (a)	kg-m	24,300	24,300
FUEL CAPACITY - DAY	3.7.2 (a)	litres	825	825
FUEL CAPACITY - SLEEPER	3.7.2 (b)	litres	900	900
FIFTH WHEEL LOAD	3.20 (a) v	kg	22,680	22,680

**ANNEX B**  
**PURCHASE DESCRIPTION**  
**TRUCK, TRACTOR, HEAVY**

1.4.1 **Accessory Table** - The following table indicates with an "X" and by Configuration, the accessories, features, additional items and training.

DESCRIPTION	PARAGRAPH	CONFIGURATION	
		A	B
Day Cab	3.5 (a)	X	
Cab/Full Sleeper	3.5.1 (a)		X
Addition of Second Bunk	3.5.1 (b)		X
Refrigerator	3.5.1 (c)		X
Television	3.5.1 (d)		X
Microwave Oven	3.5.1 (e)		X
Wind Deflector for Day Cab	3.5.1 (f)	X	
Wind Deflector for Full Sleeper	3.5.1 (g)		X
Fuel-Fired Heater	3.7.4 (a)	X	X
Winter-front	3.7.4 (b)	X	X
Hydraulic Wet Kit	3.16.1 (a)	X	X
Automatic Greasing System	3.17.1 (a)	X	X
Auxiliary Power Unit	3.20.1 (a)		X
Dangerous Goods Placard Holder	3.20.1 (b)	X	X
Digital Maintenance Manual - English	4.1.3 (a)	X	X
Digital Parts Manual	4.1.3 (b)	X	X
Training – Familiarization – English	4.2 (a)	X	X



**ANNEX B**  
**PURCHASE DESCRIPTION**  
**TRUCK, TRACTOR, HEAVY**

**2. APPLICABLE DOCUMENTS** - The following documents are referenced in this Purchase Description. Canada will not be supplying any reference documents. Available information on the organization is supplied.

SAE Standards

SAE World Headquarters  
400 Commonwealth Dr.,  
Warrendale, PA, 15096-0001  
<http://www.sae.org>

Motor Vehicle Safety Act (MVSA)

Government of Canada / Transport Canada,  
<http://www.tc.gc.ca/eng/act-regulations/acts-1993c16.htm>

Hazardous Products Act

Government of Canada / Department of Justice  
<http://laws-lois.justice.gc.ca/eng/acts/H-3/>

Federal Standard 595C

**COLOURS USED IN GOVERNMENT PROCUREMENT**  
U.S. General Services Administration <http://www.gsa.gov/portalcontent/142623>



ANNEX B  
PURCHASE DESCRIPTION  
TRUCK, TRACTOR, HEAVY

3. REQUIREMENTS

3.1 Standard Design

- (a) The vehicle **must** be the latest model from a manufacturer who has demonstrated acceptability by selling this type and size class of vehicle for at least five (5) years;
- (b) The vehicle **must** include all components and accessories normally supplied for this application, although they may not be specifically described in this Purchase Description;
- (c) The vehicle **must** have engineering certification available for this application from the original manufacturers of major equipment, systems and assemblies;
- (d) The vehicle **must** conform to all applicable laws, regulations and industrial standards in effect in Canada at the time of manufacture. The regulatory areas may include but are not necessarily limited to manufacturing, health and safety, noise levels, environment and emissions; and
- (e) The vehicle and accessories **must** operate in accordance with all original equipment manufacturers' (OEM) rated capacities and performance specifications.

3.2 Operating Conditions

3.2.1 Weather - The vehicle **must** start and operate under the extremes of weather conditions found in Canada in temperatures ranging from -40 to 40°C.

3.2.2 Terrain - The vehicle **must** operate on highways and secondary roads in all seasons and all-weather conditions.

3.3 Safety Standards

3.3.1 Vehicle Safety Regulations - The vehicle **must** meet the provisions of the Canada Motor Vehicle Safety Act.

3.3.2 Hazardous Materials – The Contractor **must** minimize or eliminate the use of hazardous materials, ozone depleting substances, polychlorinated biphenyls, asbestos and heavy metals (as described in the Hazardous Products Act of Canada) on the vehicle at the time of delivery.

3.4 Performance

- (a) The vehicle **must** have a road speed of at least 105 km/h when operating at or above the specified gross combined weight rating (paragraph 3.4.1) on a flat level road;
- (b) The vehicle **must** have a gradability, at a speed of at least 90 km/h, of at least that given as “**GRADABILITY**” in the Data Table (paragraph 1.4), when operating at or above the specified gross combined weight rating (paragraph 3.4.1); and
- (c) The vehicle **must** have a gross engine horsepower of at least that given as “**HORSEPOWER**” in the Data Table (paragraph 1.4).

3.4.1 Ratings - The vehicle **must** have a gross combined weight rating (GCWR) of at least that given as “**GCWR**” in the Data Table (paragraph 1.4).

3.5 Vehicle Cab - Standard

- (a) Day Cab - The vehicle **must** be provided with an air suspended, conventional day cab;
- (b) Cab Requirements
  - i The cab **must** be provided with a tinted windshield;

**ANNEX B**  
**PURCHASE DESCRIPTION**  
**TRUCK, TRACTOR, HEAVY**

- ii **Wipers**
    - 1. The cab **must** be provided with windshield wipers with at least two (2) continuous speeds and one (1) intermittent speed; and
    - 2. The windshield wipers **must** be provided with arctic wiper blades,
  - iii The vehicle **must** have the manufacturer's highest level of noise and thermal insulation throughout the cab and cab floors;
  - iv The vehicle **must** be provided with the manufacturer's premium level of interior fittings;
  - v The cab **must** be provided with two (2) rotating and pivoting interior sun visors;
  - vi The cab **must** be provided with armrests on both doors, coat hooks and rubber mats;
  - vii **Windows**
    - 1. The cab **must** be provided with powered windows; and
    - 2. The cab **must** be provided with a visibility window in the front lower portion of the right hand door or a look-down mirror mounted at the top of the right hand door.
  - viii The cab **must** be provided with an exterior sun visor over the front windshield;
  - ix The cab **must** be provided with powered door locks;
  - x The cab **must** be provided with a CB radio with at least forty (40) channels;
  - xi The cab **must** be provided with a stone and bug deflector mounted on the front hood; and
  - xii The cab **must** be provided with air horn(s), protected from snow clogging.
- (c) **Seats**
- i The vehicle **must** be provided with high-back, driver and co-driver medium to dark coloured cloth upholstered seats;
  - ii The seats **must** be provided with a fold-up arm rest on the interior side;
  - iii The vehicle **must** be provided with push button controlled, air suspension driver and co-driver seats that operate from the vehicle's air system; and
  - iv The seats **must** be provided with retractable shoulder/lap seat belt assemblies.
- (d) **Mirrors**
- i A rear view mirror system **must** be provided on the exterior of each side of the vehicle cab providing the operator with clear visibility to the sides and rear of the vehicle;
  - ii Each mirror system **must** be provided with a tall and narrow "West-Coast" style flat section having a surface area of at least 40,000 mm<sup>2</sup>;
  - iii Each mirror system **must** be provided with a convex mirror section, located below the flat section, that has a surface area of at least 20,000 mm<sup>2</sup>;
  - iv Mirror glass **must** be separately replaceable;
  - v The flat section of the mirrors on both sides of the vehicle **must** be power adjustable from an in-cab control accessible to the operator;

**ANNEX B**  
**PURCHASE DESCRIPTION**  
**TRUCK, TRACTOR, HEAVY**

- vi The flat and convex mirrors **must** be provided with heating defrost elements;
  - vii Mirror heating **must** be activated by an in-cab control accessible to the operator; and
  - viii Heating elements **must** be replaceable.
- (e) **Fender Mirror**
- i Fender mirrors **must** be provided on or over the right and left hand front fenders; and
  - ii The fender mirrors **must** have a convex surface with an area of at least 20,000 mm<sup>2</sup>.
- (f) **Air Conditioning** – The vehicle **must** be provided with an air conditioning system;
- (g) **Radio**
- i The vehicle **must** be provided with an AM/FM radio with CD player; and
  - ii The radio **must** turn off automatically when the vehicle ignition is turned off.
- (h) **Keys**
- i A common key **must** be used for all cab and chassis locks; and
  - ii This **must** include, but is not limited to, ignition and doors.
- 3.5.1 **Cab Accessories.**
- (a) **Cab/Full Sleeper**
- i The vehicle **must** be provided with a conventional air-suspended cab/full sleeper, in lieu of the day cab (paragraph 3.5 (a));
  - ii The full sleeper cabin **must** have a length of at least 1,750 mm, when measured from the rear of the seat in its forward position to the exterior face of the back wall of the sleeper cab;
  - iii The full sleeper cabin **must** be provided with all the same characteristics as those given in paragraphs 3.5 (b) through 3.5 (h);
  - iv The full sleeper cabin **must** be provided with a foam mattress bed, which is at least 750 mm wide;
  - v The full sleeper cabin **must** be provided with an alarm clock; and
  - vi **Air Conditioning/Heating System**
    - 1. The full sleeper cabin **must** be provided with an air conditioning/heating system with an operator control panel;
    - 2. The air conditioning/heating system and supplied appliances **must** be operable from the vehicle battery through the master disconnect switch only when the vehicle engine is operating; and
    - 3. When the vehicle engine is not operating, the air conditioning/heating system and supplied appliances **must** be operable using a plug-in to a 115 Volt AC receptacle on the power grid or from the power supplied by the auxiliary power unit (if installed)
  - vii The full sleeper cabin **must** be a high roof unit and be fully open from the cab into the sleeper; and



**ANNEX B**  
**PURCHASE DESCRIPTION**  
**TRUCK, TRACTOR, HEAVY**

- viii The full sleeper cabin **must** be provided with an overhead or side console(s) with USB charger outlets for at least two (2) cellular phones.
- (b) **Addition of Second Bunk**
  - i The vehicle **must** be provided with a second foam mattress bed above the mattress described in paragraph 3.5.1 (a) iv;
  - ii The second foam mattress **must** be at least 750 mm wide; and
  - iii The second foam mattress **must** only be mounted in cab/full sleeper.
- (c) **Refrigerator** - The full sleeper cabin **must** be provided with a refrigerator;
- (d) **Television**
  - i The full sleeper cabin **must** be provided with a colour television;
  - ii The television **must** be connected to an SD/HD antenna; and
  - iii The television **must** be provided with a DVD player.
- (e) **Microwave Oven** - The full sleeper cabin **must** be provided with a microwave oven;
- (f) **Wind Deflector for Day Cab**
  - i The vehicle **must** be provided with an aerodynamic wind deflector for a day cab;
  - ii The wind deflector **must** be for use in a dry van application; and
  - iii The wind deflector **must** be permanently attached or removable with permanently fixed attachment points.
- (g) **Wind Deflector for Full Sleeper**
  - i The vehicle **must** be provided with an aerodynamic wind deflector for a full sleeper;
  - ii The wind deflector **must** be for use in a dry van application; and
  - iii The wind deflector **must** be permanently attached or removable with permanently fixed attachment points.

3.6 **Chassis**

- (a) The vehicle **must** be provided with a high strength steel frame with a resisting bending moment of at least “**FRAME RBM**” as given in the Data Table (paragraph 1.4);
- (b) The vehicle with a day cab **must** have a wheelbase of between 5,840 and 6,200 mm, when supplied with rear tandem drive axles;
- (c) The vehicle with a cab/sleeper **must** have a wheelbase of between 5,840 mm and 6,200 mm, when supplied with rear tandem drive axles; and
- (d) The vehicle **must** have a wheelbase of between 5,840 mm and 6,200 mm, when supplied with rear tridem drive axles.

3.6.1 **Suspension**

- (a) The vehicle **must** be provided with a front spring suspension and a rear, highway type, air suspension;
- (b) The suspension system **must** be provided with shock absorbers at all wheel stations;
- (c) The rear suspension system **must** be provided with an immediate response, automatic ride height control valve;



**ANNEX B**  
**PURCHASE DESCRIPTION**  
**TRUCK, TRACTOR, HEAVY**

- (d) The rear suspension system **must** be provided with a manual control dump valve to evacuate air from the suspension system; and
- (e) The control for the dump valve **must** be mounted in the cab within easy reach of the driver.

3.7 **Engine** – The vehicle **must** be provided with a diesel engine.

3.7.1 **Engine Components**

(a) **Engine Air Filter**

- i The engine **must** be provided with an air filter;
  - ii The air filter **must** be a replaceable dry-type; and
  - iii The vehicle air intake system **must** be provided with an air filter restriction gauge, mounted inside the vehicle cab, which is visible from the driver's position.
- (b) The engine **must** be provided with engine coolant suitable for temperatures down to -40 degrees;
  - (c) The engine **must** be provided with an exhaust system that has a vertical stack that clears the cab roofline with an exhaust elbow above the roofline;
  - (d) The engine cooling system **must** be provided with a thermostatic fan; and
  - (e) The engine **must** be provided with an internal engine compression brake and an exhaust brake.

3.7.2 **Fuel Tanks**

- (a) The fuel tanks for vehicles with day cabs **must** have a total capacity of at least “**FUEL CAPACITY - DAY**” as given in the Data Table (paragraph 1.4);
- (b) The fuel tanks for vehicles with sleeper cabs **must** have a total capacity of at least “**FUEL CAPACITY – SLEEPER**” as given in the Data Table (paragraph 1.4); and
- (c) The fuel tank filler area **must** be marked to identify the required vehicle fuel.

3.7.3 **Engine Cold Weather Aids**

- (a) The engine **must** be provided with cold weather aids to enable the engine (operating with winter grade fuels/oils) to be started at temperatures down to -40° C. The engine starting aids may include but are not limited to: glow plug(s) and intake air grid heater;
- (b) The engine **must** be provided with 110-Volt engine cold start heaters with a capacity as recommended by the engine manufacturer or conforming to SAE J1310;
- (c) The battery **must** be provided with a 110-volt battery blanket; and
- (d) The engine **must** be provided with a heated fuel filter/water separator to preheat diesel fuel prior to starting.

3.7.4 **Engine Accessories**

(a) **Fuel-Fired Heater**

- i The vehicle **must** be provided with a fuel-fired coolant heater;
- ii The fuel-fired coolant heater **must** have an output of at least 4 kW(14,000 btu/hr);
- iii The fuel-fired coolant heater **must** draw its fuel from the engine fuel reservoir;



**ANNEX B**  
**PURCHASE DESCRIPTION**  
**TRUCK, TRACTOR, HEAVY**

- iv The fuel-fired coolant heater **must** be provided with a controller that is programmable for seven (7) days or more; and
- v The exhaust from the fuel-fired coolant heater **must** be directed away from the vehicle.

(b) **Winter-front** – A removable winter-front **must** be provided on the vehicle.

3.8 **Vehicle Driveline**

3.8.1 **Manual Transmission (18 Speed)**

- (a) The vehicle **must** be provided with a manual transmission;
- (b) The transmission **must** have at least 18 forward speeds; and
- (c) The throw-out bearing **must** be able to be lubricated without inspection cover removal.

3.8.2 **Axles**

- (a) The vehicle **must** be provided with an I-beam front axle;
- (b) The front axle **must** be a setback type;
- (c) The vehicle **must** be provided with tandem rear drive axles or tridem rear drive axles; and
- (d) All rear axles **must** be provided with driver controlled differential locks.

3.9 **Brake System**

- (a) The vehicle **must** be provided with full air actuated service brakes and spring actuated parking brakes;
- (b) The brake system **must** be provided with an anti-lock brake system (ABS) suitable for the axle rating supplied. It is acceptable to provide an ABS with automatic traction control;
- (c) The brake system **must** be provided with S-cam type air brakes with automatic slack adjusters;
- (d) The brake system **must** be provided with an air compressor with a capacity of at least 0.42 cubic metres per minute;
- (e) The brake system **must** be provided with a wet air reservoir with a quick connect fitting for the connection of an air-hose;
- (f) The wet air reservoir **must** be provided with a pull type drain that is accessible from beside the vehicle;
- (g) The brake system **must** be provided with an automatic air dryer with a heated dump valve;
- (h) The brake system **must** be provided with emergency brake chambers on all rear axles;
- (i) The brake system **must** be provided with a trailer brake control mounted on or near the steering column;
- (j) Two (2) air-lines **must** be provided for connection to the trailer air system;
- (k) The service air-line **must** be blue and the emergency air-line red; and
- (l) Trailer brake hoses **must** be coiled behind the cab or cab/sleeper.

3.10 **Steering**

- (a) The vehicle **must** be provided with a power assisted steering system; and
- (b) The steering system **must** be provided with a telescopic/tilt steering column.



**ANNEX B**  
**PURCHASE DESCRIPTION**  
**TRUCK, TRACTOR, HEAVY**

- 3.11 **Wheels and Tires**
- (a) All axles **must** be provided with highway tires;
  - (b) The tires **must** be steel-belted, tubeless and radial;
  - (c) Rear axles **must** be provided with dual tires at each wheel station;
  - (d) The tires **must** be mounted on hub pilot disc wheels;
  - (e) All wheels **must** be provided with loose wheel nut indicators;
  - (f) The wheel assemblies **must** have a capacity equal to or greater than the load applied, at the top vehicle speed (paragraph 3.4 (a)); and
  - (g) The wheel assemblies **must** be assembled in accordance to the tire and rim manufacturer's specifications.
- 3.12 **Controls** - The vehicle **must** be provided with a cruise control system with a fast idle feature.
- 3.13 **Instruments**
- (a) All dash board gauges and readouts **must** be in metric units; and
  - (b) Gauges and readouts which show both metric and English units will be accepted.
- 3.14 **Electrical System**
- (a) The electrical system **must** be provided with an alternator with an output of at least 200 amperes;
  - (b) The electrical system **must** be provided with maintenance-free batteries with a total rating of at least 2,500 cold cranking amperes (CCA);
  - (c) The electrical system **must** be provided with a master disconnect switch to isolate the batteries from the electrical system;
  - (d) Shutting off the master disconnect switch **must** not cause an unsafe situation with the fuel-fired pre-heater (if installed);
  - (e) Shutting off the master disconnect switch **must** not remove power from the CB radio or demand a reset of any of the radio / clock pre-sets on the vehicle;
  - (f) The wiring **must** be protected by insulating grommets where passing through metal;
  - (g) The electrical system **must** be provided with four (4) knockouts for extra switches on the dashboard; and
  - (h) The electrical system **must** be provided with a backup alarm that is activated when the vehicle transmission is in reverse.
- 3.15 **Lighting**
- (a) The vehicle **must** be provided with integral LED body lighting;
  - (b) The headlights **must** use halogen lamps or LED lights;
  - (c) The lighting system **must** be provided with clearance lights, stop lights, turn signal lights, tail-lights and reverse movement lights;
  - (d) The vehicle **must** be provided with fog lights either inset in the bumper or mounted below the bumper;
  - (e) **Beacon Lights**
    - i The lighting system **must** be provided with two amber beacon lights;
    - ii The beacon lights **must** be mounted so as to provide maximum vehicle visibility;



**ANNEX B**  
**PURCHASE DESCRIPTION**  
**TRUCK, TRACTOR, HEAVY**

- iii The beacon lights **must** be designed for 360-degree visibility; and
  - iv One beacon light **must** be mounted on each side of the fairing or on the headache rack, if no fairing is present.
- (f) **Deck Floodlight**
- i The lighting system **must** be provided with one deck floodlight; and
  - ii The deck floodlight **must** be mounted at the top centre of the cab or fairing, pointing at the 5th wheel.
- (g) **Side Floodlights**
- i The lighting system **must** be provided with two (2) side floodlights;
  - ii One side floodlight **must** be mounted on each lower side of the fairing or on the headache rack, if no fairing is present; and
  - iii The side floodlights **must** provide light for nighttime trailer connections.
- (h) All floodlights **must** be activated using one switch in the cab.
- 3.16 **Hydraulic System** – There are no specified hydraulic capabilities on the basic Configuration of the vehicle.
- 3.16.1 **Hydraulic Accessories**
- (a) **Hydraulic Wet Kit**
- i The vehicle **must** be provided with an hydraulic wet kit;
  - ii As part of the hydraulic wet kit, the vehicle **must** be provided with a Parker C102 air controlled pump (0.38-0.49 MPa & 105 litres per minute @ 1000 RPM) or **equivalent** suitable for float and dump type trailers;
  - iii As part of the hydraulic wet kit, the vehicle **must** be provided with a Chelsea 489 Series PTO or **equivalent**;
  - iv The hydraulic wet kit **must** have the PTO controls mounted on the vehicle dashboard;
  - v The hydraulic wet kit **must** be provided with a hydraulic reservoir;
  - vi The hydraulic reservoir **must** have a hydraulic oil capacity of at least 185 litres;
  - vii The hydraulic reservoir **must** be mounted above the frame rails between the pillars of the headache rack or **equivalent**;
  - viii The hydraulic wet kit **must** have hoses routed under the headache rack through the bulkhead plate or **equivalent**; and
  - ix The hydraulic wet kit **must** have hoses installed with quick couplers for rapid disconnect from the trailer.
- 3.17 **Lubricants and Hydraulic Fluids**
- (a) The vehicle **must** operate using synthetic, non-proprietary lubricants and hydraulic fluids; and
  - (b) The vehicle **must be** provided with grease fittings conforming to SAE J534.
- 3.17.1 **Lubrication Accessories**
- (a) **Automatic Greasing System**
- i The vehicle **must** be provided with an automatic greasing system;

**ANNEX B**  
**PURCHASE DESCRIPTION**  
**TRUCK, TRACTOR, HEAVY**

- ii **Grease Distribution**
    - 1. The grease supplied to the greasing points **must** be metered in accordance with the manufacturer's specifications;
    - 2. The grease distribution on the front axle(s) may include but is not limited to: springs; kingpins; drag links; slack adjusters; cams; clevis and tie rods; and
    - 3. The grease distribution on the rear axle(s) may include but is not limited to: springs; kingpins; drag links; slack adjusters; cams; clevis and tie rods.
  - iii The system **must** be provided with a telltale light located in the vehicle cab, in a location visible to the driver, indicating that the system is functioning properly or not; and
  - iv The system **must** be provided with a low grease level alarm which is audible within the vehicle cab.
- 3.18 **Paint Colour** - The vehicle **must** be painted in white colour.
- 3.18.1 **Corrosion Protection**
- (a) The vehicle **must** be provided with a rust protection treatment such as Krown Rust Control, Rust Check or an **equivalent**; and
  - (b) The warranty papers from the rust protection system provider **must** accompany each vehicle.
- 3.19 **Identification** - The vehicle information (manufacturer's name, model, Vehicle Identification Number (VIN) and the GAWR, GVWR and GCWR ratings) **must** be permanently marked in a conspicuous and protected location(s).
- 3.19.1 **Warning and Instruction Plates**
- (a) The vehicle **must** be provided with warning and operation instruction plates in accordance SAE J115; and
  - (b) The plates **must** be visible to a person standing near the location; and
  - (c) The plates **must** use graphic symbols, as defined in SAE J1362 or be written in the two (2) official languages (English and French).
- 3.20 **Equipment**
- (a) **Fifth Wheel**
    - i The vehicle **must** be provided with an air operated, fifth wheel assembly;
    - ii The fifth wheel assembly **must** have a fore/aft slide adjustment range of at least 600 mm;
    - iii The vehicle **must** have an unloaded fifth wheel height of no more than 1,245 mm;
    - iv The fifth wheel assembly **must** be provided with tapered end frame rails and fifth wheel pick-up ramps; and
    - v The vehicle **must** have a fifth wheel vertical load rating of at least that given as "**FIFTH WHEEL LOAD**" in the Data Table (paragraph 1.4).

**ANNEX B**  
**PURCHASE DESCRIPTION**  
**TRUCK, TRACTOR, HEAVY**

- (b) **Deck Plate**
- i The vehicle **must** be provided with a deck plate to cover the area between the rear of the cab and the fifth wheel.
  - ii The deck plate **must** be fabricated from non-slip expanded aluminum; and
  - iii **Access to Deck Plate**
    - 1. The deck plate **must** be provided with non-slip access from each side of the vehicle; and
    - 2. The access **must** be an expanded aluminum step assemblies, or **equivalent**.
- (c) **Trailer Electrical Connection**
- i The vehicle **must** be provided with one (1) seven (7) conductor, coil type trailer electrical cable assembly; and
  - ii The cable **must** be provided with a receptacle that permits use with both ABS and non-ABS trailers.
- (d) **Fenders**
- i The vehicle **must** be provided with quarter-length fenders over the front wheels of the rear tandem or tridem; and
  - ii The fenders **must** be fabricated from stainless steel.
- (e) **Headache Rack**
- i The vehicle **must** be provided with a headache rack assembly;
  - ii The headache rack assembly **must** be provided with lockable chain racks;
  - iii The chain racks **must** hold up to ten chains;
  - iv The vehicle **must** be provided with a towel bar or other device, to support unhooked cables/hoses,;
  - v The towel bar or other device **must** be mounted on the rear of cab or sleeper or on the headache rack; and
  - vi Grab handles **must** be mounted on each side of the headache rack to provide a hand hold for someone climbing on or off the deck.
- (f) **Weatherproof Compartment**
- i The vehicle **must** be provided with a weatherproof compartment (storage box);
  - ii The compartment **must** be installed on the frame rail on the curb side of the vehicle;
  - iii The compartment **must** have a volume at least 0.23 m<sup>3</sup> with no dimension less than 300 mm;
  - iv The compartment **must** be provided with a door with padlock hasps for locking;
  - v The compartment **must** have the interior sprayed with X-Box Liner or **equivalent**;
  - vi The floor of the compartment **must** be lined with Dry-Dek® vinyl flooring mat or **equivalent**; and
  - vii The compartment **must** be provided with a drain valve.



**ANNEX B**  
**PURCHASE DESCRIPTION**  
**TRUCK, TRACTOR, HEAVY**

(g) **Tow Hooks**

- i The vehicle **must** be provided with tow hooks mounted at the front and at the rear; and
- ii Tow hooks and mountings **must** have sufficient strength to permit the recovery of the vehicle.

(h) **License Plate Holders**

- i The vehicle **must** be provided with front and rear license plate holders; and
- ii The rear license plate **must** be illuminated.

- (i) **Filler Caps** – The vehicle **must** be provided with permanently marked filler caps, which identify the contents using international symbols or in writing using both French and English; and

(j) **Mud flaps**

- i The vehicle **must** be provided with front and rear mud flaps; and
- ii The rear mud flaps **must** be mounted on angle type spring loaded hangers or **equivalent**.

3.20.1 **Accessories**

(a) **Auxiliary Power Unit**

- i The vehicle **must** be provided with an auxiliary power unit (APU);
- ii The APU **must** be a stand-alone, self-contained system;
- iii The APU **must** be provided with a heating and air conditioning system to heat and cool the cab/sleeper(s) without connecting to the vehicle systems;
- iv The APU **must** supply 110-volt AC current for all electrical equipment furnished with the sleeper and the engine cold start heater(s);
- v The APU **must** charge the vehicle batteries;
- vi The APU **must** operate using fuel from the vehicle's fuel tank;
- vii The APU **must** be housed in a sound and weatherproof stainless steel or aluminum enclosure with a removable access cover(s) that is suitably vented to allow the engine to be operated when the enclosure is shut;
- viii The APU **must** be mounted to the vehicle main frame rail;
- ix The APU **must** be mounted to attenuate noise transmission into the cab/sleeper;
- x The APU **must** be provided with a multi-function remote control panel located in the sleeper; and
- xi The APU **must** be provided with a programmable timer.

(b) **Dangerous Goods Placard Holder**

- i The vehicle **must** be provided with one (1) aluminum dangerous goods placard holder;
- ii The holder **must** be mounted on the front of the vehicle on the left side.

3.21 **Vehicle Delivery Condition**

- (a) The vehicle **must** be delivered to destination in a fully operational condition (serviced and adjusted);
- (b) The vehicle **must** be completely cleaned;



**ANNEX B**  
**PURCHASE DESCRIPTION**  
**TRUCK, TRACTOR, HEAVY**

- (c) For shipment verification, items such as wheel wrenches, jacks, and all other tools, accessories, which are shipped loose, **must** be listed on the shipping certificate or to an attached packing note;
- (d) The vehicle fuel tank(s) **must** be no less than half full on delivery; and
- (e) Lubricants installed in the vehicle at time of delivery **must** be suitable for the destination and the season of delivery.

4. **INTEGRATED LOGISTIC ITEMS**4.1 **Contractor Documentation and Integrated Logistic Items**4.1.1 **Documents to *Technical Authority* (Designated Contact) on Contract**(a) **Manuals for Approval**

- i The Contractor **must** supply access to a set of manuals for each Configuration/model, in digital format including the operator, parts and maintenance (shop repair) manuals;
- ii The set of manuals **must** include manuals for all the specified accessories and features for the Configuration. Accessory manuals may be included as supplements to the vehicle manuals;
- iii Digital copies **must** be supplied as a searchable PDF;
- iv On-line maintenance manuals may be supplied in lieu of the digital maintenance manuals, however, these **must** be provided without subscription fees;
- v Digital copies **must** be functional without the requirement for a password, an auto-run installation procedure or an Internet connection;
- vi Digital copies **must** be supplied on a CD or a DVD;
- vii A separate CD/DVD **must** be supplied with all accessories;
- viii The CD or DVD **must** be permanently and legibly marked with a list of contents;
- ix Manuals will not be returned;
- x Manual approval or comments will be supplied within 15 working days of receipt; and
- xi The Contractor **must** supply responses to the **Technical Authority's** comments.

(b) **Photographs and Line Drawings**

- i The Contractor **must** supply two (2) digital colour photographs, one left-front three-quarter full vehicle view, and one right-rear three-quarter full vehicle view of each Configuration/model;
- ii One (1) digital colour photograph of each attachment taken at the three-quarter view that best illustrates the attachment **must** be supplied;
- iii One front-view and one side-view line drawing showing dimensions of the vehicle **must** be supplied. Brochure line drawings are acceptable;
- iv Photographs **must** have a plain background;
- v Photographs **must** be in a JPEG (Joint Photographic Experts Group) format; and
- vi Photographs **must** have a resolution of at least eight (8) Mega pixels.

(c) **Data Summary**

- i The Contractor **must** supply a bilingual data summary for each Configuration/model, with vehicle data (including accessories and features) and a vehicle picture;

**ANNEX B**  
**PURCHASE DESCRIPTION**  
**TRUCK, TRACTOR, HEAVY**

- ii The **Technical Authority** will supply a bilingual template of a data summary to the Contractor;
- iii The Contractor **must** submit a digital copy (MS Word) of the completed data summary for approval;
- iv Data summary approval or comments will be supplied within 15 working days of receipt; and
- v The Contractor **must** provide responses to the Technical Authority's comments.

(d) **Warranty Letter**

- i The **Technical Authority** will supply a current bilingual warranty letter template to the Contractor;
- ii The Contractor **must** supply a complete description of the warranty with the requested warranty terms and any system or sub system warranty that exceeds the minimum requested;
- iii The warranty letter **must** include the name and contact information of the closest designated warranty provider and other designated warranty providers across Canada;
- iv Designated warranty providers **must** honour the warranty letter; and
- v The Contractor **must** supply a copy of the warranty letter, in PDF digital format, for each vehicle delivered, to the **Technical Authority**.

(e) **Safety Data Sheets**

- i The Contractor **must** supply a list, in digital format, of all hazardous materials used on the vehicle;
- ii If there are no hazardous materials are used, this **must** be stated on the list; and
- iii The Contractor **must** supply safety data sheets of all hazardous materials in the list.

(f) **Rust Protection Warranty** - A copy, in digital format, of the warranty from the rust protection provider **must** be supplied, to the **Technical Authority**;

(g) **Training Plan(s)** - The Contractor **must** supply the training plan for approval, for each of the training requirements listed in paragraph 4.2 to the **Technical Authority**; and

(h) **Line Setting Ticket** – The Contractor **must** supply a copy of the production line setting ticket, in digital format, with supplemental listing for each completed vehicle, to the **Technical Authority**.

4.1.2 **Items Supplied with Each Vehicle**

(a) **Operator's Manual** - The Contractor **must** supply an approved bilingual operator's manual in both paper and digital format;

(b) **Warranty Letter** - The Contractor **must** supply a paper copy of the warranty letter;

(c) **Safety Data Sheets**

- i The Contractor **must** supply a set of safety data sheets; and
- ii The safety data sheets **must** be the same as those provided to the **Technical Authority** as per paragraph 4.1.2 (e).

**ANNEX B**  
**PURCHASE DESCRIPTION**  
**TRUCK, TRACTOR, HEAVY**

- (d) **Rust Protection Warranty** – The Contractor **must** supply a copy of the warranty letter from the rust protection provider;
- (e) **Line Setting Ticket** – The Contractor **must** supply a copy of the production line setting ticket with supplemental list; and

4.1.3 **Additional Items**

- (a) **Digital Maintenance Manual - English**
  - i The Contractor **must** supply the approved searchable digital maintenance (shop repair) manuals in English required for maintenance and repair of the vehicle features and accessories;
  - ii The Contractor may supply this deliverable as a bilingual package;
  - iii On-line maintenance manuals may be supplied in lieu of the digital maintenance manuals, however, these **must** be provided without subscription fees.
  - iv Paper format maintenance manuals may be supplied in lieu of the digital maintenance manuals.
- (b) **Digital Parts Manual**
  - i The Contractor **must** supply the approved searchable digital parts manuals required the vehicle, features and accessories on a CD/DVD-ROM;
  - ii On-line parts manuals may be supplied in lieu of the digital maintenance manuals, however, these **must** be provided without subscription fees; and
  - iii Digital copies **must** be functional without the requirement for a password, an auto-run installation procedure or an Internet connection.

4.2 **Training**

- (a) **Training – Familiarization - English**
  - i The Contractor **must** supply a familiarization course in English, at the delivery destination, optimized for operators and technicians who are qualified on the vehicle type but require training on newer or unique features and sub-systems of the delivered model;
  - ii The instructor **must** be an OEM Factory Certified Training Provider;
  - iii **Curriculum**
    - 1. The familiarization course **must** include operation and maintenance segments;
    - 2. The operation segment **must** include safety precautions to be observed while operating and servicing the vehicle, vehicle operating characteristics, pre-operating and shutdown procedures and daily/weekly operator servicing procedures;
    - 3. The operation segment **must** include sub-systems including automatic grease system and pre-heaters; and
    - 4. The operation segment **must** demonstrate all safety measures required for safe vehicle maintenance.
  - iv The familiarization course **must** have a minimum duration of eight (8) hours, divided into four (4) hours for operators and four (4) hours for technicians;

**ANNEX B**  
**PURCHASE DESCRIPTION**  
**TRUCK, TRACTOR, HEAVY**

- v The familiarization course **must** accommodate up to eight (8) personnel; four (4) operators and four (4) technicians;
  - vi For vehicles shipped to DND, the date for the familiarization course **must** be arranged with the **Technical Authority**, or the identified user or designated contact person for vehicles shipped for users other than DND;
  - vii After completion of the familiarization course, the Contractor **must** have the “**PROOF OF FAMILIARIZATION**” certificate signed by the senior course attendee; and
  - viii The **Technical Authority** will supply the “**PROOF OF FAMILIARIZATION**” document template in a digital format.
- (b) **Training – Familiarization - French**
- i The Contractor **must** supply a familiarization course in French when requested by the **Technical Authority**, at the delivery destination, optimized for operators and technicians who are qualified on the vehicle type but require training on newer or unique features and sub-systems of the delivered model;
  - ii The instructor **must** be an OEM Factory Certified Training Provider;
  - iii **Curriculum**
    - 1. The familiarization course **must** include operation and maintenance segments;
    - 2. The operation segment **must** include safety precautions to be observed while operating and servicing the vehicle, vehicle operating characteristics, pre-operating and shutdown procedures and daily/weekly operator servicing procedures;
    - 3. The operation segment **must** include sub-systems including automatic grease system and pre-heaters; and
    - 4. The operation segment **must** demonstrate all safety measures required for safe vehicle maintenance.
  - iv The familiarization course **must** have a minimum duration of eight (8) hours, divided into four (4) hours for operators and four (4) hours for technicians;
  - v The familiarization course **must** accommodate up to eight (8) personnel; four (4) operators and four (4) technicians;
  - vi For vehicles shipped to DND, the date for the familiarization course **must** be arranged with the **Technical Authority**, or the identified user or designated contact person for vehicles shipped for users other than DND;
  - vii After completion of the familiarization course, the Contractor **must** have the “**PROOF OF FAMILIARIZATION**” certificate signed by the senior course attendee; and
  - viii The **Technical Authority** will supply the “**PROOF OF FAMILIARIZATION**” document template in a digital format.

Appendice 1 de l'ANNEXE B  
**QUESTIONNAIRE DE RENSEIGNEMENTS TECHNIQUES**  
**TRACTEUR ROUTIER, LOURD**

**2019-06-06**



**AVIS**

Cette documentation a été révisée par l'**Autorité technique** et ne contient pas de marchandises contrôlées.

**NOTICE**

This documentation has been reviewed by the **Technical Authority** and does not contain controlled goods.

**Tracteur Routier, Lourd**

**QUESTIONNAIRE DE RENSEIGNEMENTS TECHNIQUES**

Le présent questionnaire porte sur les renseignements techniques qui **doivent** être fournis aux fins de l'évaluation de la configuration ou des configurations du ou des véhicule(s) offert(s).

Lorsqu'une **Renseignements détaillés** est exigée par la mention « **Renseignements détaillés** » dans l'un des paragraphes ci-dessous, une telle **Renseignements détaillés doit** être fournie pour chaque spécification et exigence de rendement énoncée dans le paragraphe en question.

Les soumissionnaires peuvent indiquer le nom ou le titre du document et le numéro de la page à laquelle se trouve la **Renseignements détaillés**.

La définition du terme équivalent se trouve sous la rubrique **DÉFINITION** à la fin du document.

**RENSEIGNEMENTS SUR L'ENTREPRENEUR**

Nom de l'entrepreneur \_\_\_\_\_

Date \_\_\_\_\_

Appendice 1 de l'ANNEXE B  
**QUESTIONNAIRE DE RENSEIGNEMENTS TECHNIQUES**  
**TRACTEUR ROUTIER, LOURD**

**Substituts/solutions de rechange**

Des substituts ou des solutions de rechange sont-ils offerts comme  
**équivalents**? OUI  NON

Si oui, veuillez indiquer ci-dessous toutes les solutions de rechange et tous  
les substituts d'équipement proposés comme **équivalents** :

---

**Remarque : Renseignements détaillés**

Appendice 1 de l'ANNEXE B  
**QUESTIONNAIRE DE RENSEIGNEMENTS TECHNIQUES**  
**TRACTEUR ROUTIER, LOURD**

**ALINÉAS SUR LES SPÉCIFICATIONS**

**Tracteur routier - Renseignements détaillés**

Marque \_\_\_\_\_ Modèle \_\_\_\_\_ Année \_\_\_\_\_

Détails du tracteur routier - document \_\_\_\_\_

**3.4 Performance - Renseignements détaillés**

Renseignements détaillés souhaités : illustrations avec liste des matériaux constituant le châssis.

Les valeurs nominales se trouvent dans le ou les documents :  
page :

**3.4.1 Valeurs nominales - Renseignements détaillés**

PNBCV obtenu à la page \_\_\_\_\_ du document \_\_\_\_\_

**3.5 Cabine - Standard**

**(a) Cabine de jour - Renseignements détaillés**

Détails à la page \_\_\_\_\_ du document \_\_\_\_\_

**3.5.1 Accessoires de la cabine**

**(a) Cabine à couchette complète - Renseignements détaillés**

(i) Détails à la page \_\_\_\_\_ du document \_\_\_\_\_

**3.6 Châssis - Renseignements détaillés**

(a) MRF du châssis à la page \_\_\_\_\_ du document \_\_\_\_\_

**3.6.1 Suspension - Renseignements détaillés**

Détails concernant la suspension avant à la page \_\_\_\_ du document

Détails concernant la suspension arrière à la page \_\_\_\_ du document

**3.7 Moteur - Renseignements détaillés**

Détails à la page \_\_\_\_\_ du document \_\_\_\_\_

**3.7.2 Réservoirs de carburant**

(a) Réservoir de carburant de cabine de jour - **Renseignements détaillés**

Capacité à la page \_\_\_\_\_ du document \_\_\_\_\_

(b) Réservoir de carburant de cabine couchette - **Renseignements détaillés**

Capacité à la page \_\_\_\_\_ du document \_\_\_\_\_

**3.7.4 Accessoires du moteur**

(a) **Chaufferette à carburant** - Renseignements détaillés

Détails à la page \_\_\_\_\_ du document \_\_\_\_\_

**3.8.1 Transmission manuelle - 18 vitesses - Renseignements détaillés**

(b) Détails à la page \_\_\_\_\_ du document \_\_\_\_\_

**3.8.2 Essieux**

Détails concernant l'essieu avant à la page \_\_\_\_ du document

Détails concernant l'essieu arrière à la page \_\_\_\_ du document

**3.11 Roues et pneus - Renseignements détaillés**

(a) Détails sur les pneus à la page \_\_\_\_ du document \_\_\_\_\_

Appendice 1 de l'ANNEXE B  
**QUESTIONNAIRE DE RENSEIGNEMENTS TECHNIQUES**  
**TRACTEUR ROUTIER, LOURD**

3.14 **Circuit électrique**

(a) **Alternateur - Renseignements détaillés**

Puissance à la page \_\_\_\_\_ du document \_\_\_\_\_

(b) **Batterie - Renseignements détaillés**

Intensité du courant électrique au démarrage à la page \_\_\_\_\_ du document \_\_\_\_\_

3.20 **Équipement**

(a) **Sellette d'attelage - Renseignements détaillés**

(i) Sellette d'attelage détaillées à la page \_\_\_\_\_ du document \_\_\_\_\_

3.20.1 **Accessoires**

(a) **Groupe auxiliaire de puissance - Renseignements détaillés**

(i) Détails à la page \_\_\_\_\_ du document \_\_\_\_\_

**QUESTIONNAIRE DE RENSEIGNEMENTS TECHNIQUES**  
**TRACTEUR ROUTIER, LOURD**

**DÉFINITION**

La définition suivante s'applique à l'interprétation du présent questionnaire de renseignements techniques :

« **Équivalent** » signifie une norme, un moyen ou un type de composant que l'**Autorité technique** a approuvé pour le présent besoin et qu'il a jugé conforme aux exigences prescrites en matière de dimensions, de forme, de fonction et de rendement;