



**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**

**Vendor/Firm Name and Address**

**Raison sociale et adresse du  
fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**

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

<b>Title - Sujet</b> Truck, Pump, Vacuum, Septic	
<b>Solicitation No. - N° de l'invitation</b> W8476-185703/A	<b>Date</b> 2017-09-29
<b>Client Reference No. - N° de référence du client</b> W8476-185703	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$HP-539-73502	
<b>File No. - N° de dossier</b> hp539.W8476-185703	<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 2017-11-15</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Standard Time EST
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input 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> (873) 469-3322 ( )	<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**

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

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## **PART 1 - GENERAL INFORMATION**

### **1.1 Requirement**

Canada is seeking proposals to procure:

1.1.1 Qty 1, **Truck, Pump, Vacuum, Septic Servicing** and ancillary items as described in Annex "A" - Pricing and in accordance with Annex "B"- Purchase Description - Septic Vacuum Servicing Truck dated 2017-05-31.

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), and the Canadian Free Trade Agreement (CFTA).

## **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>) 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 (2017-04-27)** Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

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

**Delete:** sixty (60) days

**Insert:** ninety (90) days

### **2.2 Submission of Bids**

Bids must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated on page 1 of the bid solicitation.

### **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.

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## PART 3 - BID PREPARATION INSTRUCTIONS

### 3.1 Bid Preparation Instructions

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

Section I: Technical Bid (2 hard copies);

Section II: Financial Bid (1 hard copy);

Section III: Certifications (2 hard copies);

Section IV: Additional Information (2 hard copies)

Canada requests that bidders follow the format instructions described below in the preparation of their bid:

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

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

- 1) use 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" - Technical Information Questionnaire - Pump Vacuum Servicing Truck dated 17-05-31.

#### 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 7 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](#) , 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, 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 is requested by 12 April 2018, the best delivery that can be offered is as follows:

Item 001 – Qty 1, **Truck, Pump, Vacuum, Septic Servicing** 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 002 – Up to Qty 1, **Truck, Pump, Vacuum, Septic Servicing** and ancillary items will be delivered within \_\_\_\_\_ calendar days after an option is exercised.

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## **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.

#### **4.1.1 Technical Evaluation**

##### **4.1.1.1 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, and 004.

**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 item 001 and optional quantity item 002, Canadian dollars for familiarization instructions/training (option) item 003 and item 004. 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 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 Integrity Provisions – Required Documentation**

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real procurement agreement of the Ineligibility and Suspension Policy (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

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

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the Employment and Social Development Canada (ESDC) - Labour's 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.

### 5.2.3 Additional Certifications Precedent to Contract Award

The certifications listed below should be completed and submitted with the bid, but may be submitted afterwards. If any of these required certifications 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 comply with the request of the Contracting Authority and to provide the certifications within the time frame provided will render the bid non-responsive

#### 5.2.3.1 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

#### 5.2.3.2 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	

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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.	

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Bidders' Authorized Representative Signature

Date

## **PART 6 - FINANCIAL CAPABILITY**

### **6.1 SACC Manual Clauses**

A9033T

Financial Capability

2012-07-16

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## PART 7 - RESULTING CONTRACT CLAUSES

### 7.1. Requirement

7.1.1 The Contractor must deliver Qty 1, **Truck, Pump, Vacuum, Septic Servicing** and ancillary items as described in Annex "A" - Pricing and in accordance with Annex "B" - Purchase Description Purchase Description - Septic Vacuum Servicing Truck dated 2017-05-31.

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

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

7.1.2.2 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.

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

### 7.2. 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.

#### 7.2.1 General Conditions

2010A (2016-04-04) General Conditions - Goods (Medium Complexity), apply to and form part of the contract.

### 7.3. Term of Contract

#### 7.3.1 Delivery of Vehicle

##### 7.3.1.1 Firm Quantity

Delivery date of the vehicle must be made as follows:

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

##### 7.3.1.2 Option Quantity

Item 002 - Up to Qty 1, **Truck, Pump, Vacuum, Septic Servicing** 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.)



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## 7.4. Authorities

### 7.4.1 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,  
7A2, Place du Portage, Phase 3, 11 Laurier Street,  
Gatineau Quebec, K1A 0S5  
Telephone: 873 469-3322  
Facsimile: 819 953-2953  
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.

### 7.4.2 Procurement Authority

The Procurement Authority for the Contract is:

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

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

### 7.4.3 Technical Authority:

The Technical Authority for the Contract is:

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

Facsimile: \_\_\_\_ - \_\_\_\_ - \_\_\_\_  
E-mail: \_\_\_\_\_

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

#### 7.4.4 Contractor's Representative

Name and telephone number of the person responsible for:

##### General enquiries

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

##### Delivery follow-up

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

#### 7.4.5 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

### 7.5. Payment

#### 7.5.1 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:

##### 7.5.1.1 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)

#### **7.5.1.2 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)

#### **7.5.1.3 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/index.php?sid=90&hl=1&lang=eng>), and with the other provisions of the directive referring to "travellers", rather than those referring to "employees".

All travel must have the prior authorization of the Technical Authority. 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)

#### **7.5.2 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)

#### **7.5.3 SACC Manual Clauses**

C6000C	Limitation of price	2011-05-06
H1001C	Multiple Payments	2008-05-12
C3015C	Exchange rate fluctuation adjustment	2017-08-17

## 7.6 Invoicing Instructions

- 7.6.1 The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions including the **Client Ref # 810**. 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.

Each invoice must be supported by:

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

- 7.6.2 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 5-3-4-2

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

- 7.6.3 Holdback

A ten percent (10%) holdback will apply on the total price of each vehicle (Items 001 and 002) 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.

## 7.7. Certifications

- 7.7.1 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.

## 7.8 Applicable Laws

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

## 7.9 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 (2016-04-04) General Conditions - Goods (Medium Complexity);
- (c) Annex "A" - Pricing;
- (d) Annex "B" - Purchase Description - Septic Vacuum Servicing Truck dated 2017-05-31
- (e) Appendix 1 - Technical Information Questionnaire - Pump Vacuum Servicing Truck dated 17-05-31.
- (f) the Contractor's bid dated \_\_\_\_\_.

## 7.10 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	2014-11-27
D3010C	Delivery of Dangerous Goods / Hazardous Products	2016-01-28
D5510C	Quality Assurance Authority (Department of National Defence) - Canadian-based Contractor	2014-06-26
D5515C	Quality Assurance Authority (DND) - Foreign-based and United States Contractor	2010-01-11
D5540C	ISO 9001:2008 Quality Management Systems - Requirements (QAC Q)	2010-08-16
D5604C	Release Documents - Foreign based Contractor	2008-12-12
D5605C	Release Documents - US based Contractors	2010-01-11
D5606C	Release Documents - Canadian-based Contractors	2012-07-16
D9002C	Incomplete Assemblies	2007-11-30
G1005C	Insurance	2016-01-28

## 7.11 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.

## **7.12 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.

## **7.13 Shipping Instructions - Delivery at Destination**

- 7.13.1 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.
- 7.13.2 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.

## **7.14 Release Documents - Distribution**

The Contractor must prepare the release documents in a current electronic format and distribute them as follows:

- a. One (1) copy mailed to consignee marked: "Attention: Receipts Officer";
- b. Two (2) copies with shipment (in a waterproof envelope) to the consignee;
- c. One (1) copy to the Contracting Authority;
- d. One (1) copy to:  
  
National Defence Headquarters  
Mgen George R. Pearkes Building  
101 Colonel By Drive  
Ottawa, ON K1A OK2  
Attention: DLP 5-3-4-2
- e. One (1) copy to the Quality Assurance Representative;
- f. One (1) copy to the Contractor; and
- g. For all non-Canadian contractors, one (1) copy to:  
DQA/Contract Administration  
National Defence Headquarters  
Mgen George R. Pearkes Building  
101 Colonel By Drive  
Ottawa, ON K1A OK2  
E-mail: [ContractAdmin.DQA@forces.gc.ca](mailto:ContractAdmin.DQA@forces.gc.ca)

### **7.15 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.

### **7.16 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.

### **7.17 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.

### **7.18 Material**

Material supplied must be new unused and of current production by manufacturer. (2017 model-year or newer).

### **7.19 Design Changes**

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

### **7.20 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.

### **7.21 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.

## **7.22 Service at Delivery**

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

## **7.23 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)



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## ANNEX "A" - PRICING

### Item 001 Truck, Pump, Vacuum, Septic (Firm Quantity)

The Contractor must deliver the vehicle/equipment including the manuals, data summary, warranty letter(s), photographs, dimensioned drawing, special tools list, preventative maintenance replacement parts kit list, recommended spare parts list, safety recalls, initial parts kit, and one session of familiarization training in English in accordance with the attached Annex "B" - Purchase Description - Septic Vacuum Servicing Truck dated 2017-05-31.

The truck and ancillary items must be delivered to:

**CFB ASU Shilo**  
Major Equipment Section  
Base Supply C-101  
Shilo MB, R0K 2A0

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 7.5.1 Basis of Payment).

Quantity: One (1)

### Item 002 Truck, Pump, Vacuum, Septic (Optional Quantity)

If this option is exercised, the Contractor must deliver the vehicle/equipment including manuals, warranty letter and initial parts kit in accordance with the attached Annex "B" - Purchase Description - Purchase Description - Septic Vacuum Servicing Truck dated 2017-05-31.

#### **For Destinations in British Columbia;**

Firm unit price of \$ \_\_\_\_\_ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 7.5.1 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 7.5.1 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 7.5.1 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 7.5.1 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 7.5.1 Basis of Payment).

Quantity: Up to One (1)

**Item 003 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 - Septic Vacuum Servicing Truck dated 2017-05-31.

Firm unit price of \$ \_\_\_\_\_ in accordance with Basis of Payment Type 2(as detailed at Clause 7.5.1 Basis of Payment).

Quantity: up to One (1)

**Item 004 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 - Septic Vacuum Servicing Truck dated 2017-05-31.

Firm unit price of \$ \_\_\_\_\_ in accordance with Basis of Payment Type 2(as detailed at Clause 7.5.1 Basis of Payment).

Quantity: up to One (1)

**Item 005 Travel and Living for Familiarization Instruction/Training (Option)**  
***(Item 005 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 7.5.1, Basis of Payment Type 3.

Quantity: up to One (1)

## **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)



**PURCHASE DESCRIPTION  
FOR  
Septic Vacuum Servicing Truck  
ECC 189507**

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**OPI DSVPM 5 – DAVPS 5**

Issued on Authority of the Chief of the Defence Staff  
Publiée avec l'autorisation du chef d'état-major de la Défense

**Canada**

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**RDIMS #4462789**



#### 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 details the requirements for a Septic Vacuum Service System mounted on an off road truck with a minimum capacity of 4,500 Litre (1188 Gal US).

1.2 **Instructions** - The following instructions apply to this specification.

- 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) In this document “provided” **must** mean “provided and installed”.
- e) Where a technical certification is referred to in this specification, a copy of the certification or an acceptable Proof of Compliance **must** be supplied for the vehicle when requested by the Technical Authority.
- f) Metric measurements are used to define the requirement. Other measurements are for reference only and may not be exact conversions.
- g) Nominal dimensions reflect a method by which materials or products are generally identified, but which differ from the actual measured dimensions.

- 1.3 **Definitions** - The following definitions apply to the interpretation of this Purchase Description:
- a) **Technical Authority** - The government official responsible for technical content of this requirement;
  - b) **Contractor** – The Company responsible for the vehicle/equipment design, development, assembly, test and evaluation, and performance configuration;
  - c) **“Equivalent”** - Substitutes and alternatives that are equivalent in product, performance or a standard will be considered for acceptance by the Technical Authority where Proof of Compliance for the requirement is provided.
  - d) **“Road Legal”** – Applies to a self-propelled vehicle designed for or capable of transporting persons, property, material or permanently or temporarily affixed apparatus on a highway.
  - e) **“5<sup>th</sup> percentile adult female”** – As defined in the *Motor Vehicle Safety Regulations (C.R.C., c. 1038)* a person having as physical characteristics a mass of 46.3 kg, height of 1499 mm, erect sitting height of 785 mm, normal sitting height of 752 mm, hip sitting breadth of 325 mm, hip sitting circumference of 925 mm, waist sitting circumference of 599 mm, chest depth of 191 mm, bust circumference of 775 mm, chest upper circumference of 757 mm, chest lower circumference of 676 mm, knee height of 455 mm, popliteal height of 356 mm, elbow rest height of 180 mm, thigh clearance height of 104 mm, buttock-to-knee length of 518 mm, buttock-to-poples length of 432 mm, elbow-to-elbow breadth of 312 mm and seat breadth of 312 mm.
  - f) **“95<sup>th</sup> percentile adult male”** – As defined in the *Motor Vehicle Safety Regulations (C.R.C., c. 1038)* a person having as physical characteristics a mass of 97.5 kg, height of 1849 mm, erect sitting height of 965 mm, normal sitting height of 930 mm, hip sitting breadth of 419 mm, hip sitting circumference of 1199 mm, waist sitting circumference of 1080 mm, chest depth of 267 mm, chest circumference of 1130 mm, knee height of 594 mm, popliteal height of 490 mm, elbow rest height of 295 mm, thigh clearance height of 175 mm, buttock-to-knee length of 640 mm, buttock-to-poples length of 549 mm, elbow-to-elbow breadth of 506 mm and seat breadth of 404 mm.
  - g) **“Gross Axle Weight Rating (GAWR)”** - The value specified by the vehicle manufacturer as the load-carrying capacity of a single axle system, as measured at the tire-ground interfaces.
  - h) **“Gross Vehicle Weight Rating (GVWR)”** - The value specified by the vehicle manufacturer as the loaded weight of a single vehicle.
  - i) **Vehicle** - refers to the completely manufactured vehicle with all related parts and equipment installed.

## 2. APPLICABLE DOCUMENTS

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

### **Automotive (On-road) Diesel Fuel**

CAN/CGSB Standard 3.517-2015

Standards Council of Canada

270 Albert Street, suite 200

Ottawa, ON K1P 6N7

<https://www.scc.ca/en/standardsdb/standards/27037>

### **Motor Vehicle Safety Regulations (MVSr)**

Government of Canada / Transport Canada

<http://www.tc.gc.ca/eng/act-regulations/regulations-crc-c1038htm>

### **Canadian Occupational Health and Safety Regulations 2015**

Health Canada

Address Locator 0900C2

Ottawa, Ontario K1A 0K9

### **SAE Handbook**

Society of Automotive Engineers Inc.

400 Commonwealth Dr.,

Warrendale, PA, 15096

<http://www.sae.org>

<http://standards.sae.org/arp1247d/>

<http://standards.sae.org/arp1328a/>

<http://standards.sae.org/arp1328b/>

### **Yearbook**

Tire and Rim Association Inc.,

3200 West Market St.,

Akron, Ohio, 44321

<http://www.us-tra.org/traHome.htm>

### **International Organization for Standardization**

**27470:2011**

1, ch. de la Voie-Creuse

CP 56 - CH-1211 Geneva 20

Switzerland

Tel: +41 22 749 01 11

[http://www.iso.org/iso/home/store/catalogue\\_ics.htm](http://www.iso.org/iso/home/store/catalogue_ics.htm)

[www.iso.org/obp/ui/#iso:std:iso:27470:ed-1:v1:en](http://www.iso.org/obp/ui/#iso:std:iso:27470:ed-1:v1:en)

### **Advisory Circulars**

Transport Canada, Government of Canada

330 Sparks Street

Ottawa, ON, K1A 0N5

<https://www.tc.gc.ca/>

### 3. REQUIREMENTS

#### 3.1 Standard Design

- a) **Latest Model** - The vehicle design **must** be the manufacturer's latest model.
- b) **Road Legal** - The vehicle design **must** be legal for operation on Canadian roads according to the requirements set out in the Motor Vehicle Safety Regulations (MVSR)
- c) **Industry Acceptability** - The vehicle design **must** have demonstrated industry acceptability by having been manufactured and sold commercially for at least 2 year, or be manufactured by a company that has at least 5 years' experience in design and manufacturing of a comparable type of equipment of equivalent or greater complexity.
- d) **Engineering Certification** - The vehicle design **must** have engineering certification available, upon demand, for this vehicle/equipment from the original manufacturers of major drive train components and major equipment systems and assemblies.
- e) **Regulations** – The vehicle **must** conform to all applicable laws, regulations and industrial standards governing manufacture, safety, noise levels and pollution in effect in Canada at the time of manufacture. International equivalent laws, regulations, and industrial standards will be accepted only if certified for equivalency by a professional engineer.
- f) **Published Ratings** - The vehicle **must** have system and component capacities equivalent to published ratings (i.e. product or component brochures).
- g) **Standard Components** - The vehicle **must** include all standard components, equipment and accessories for the model offered, although they may not be specifically described in this Purchase Description.
- h) **Spare Parts** - The manufacturer **must** select components readily available for a minimum period of fifteen (15) years from the date of manufacture.

##### 3.1.1 Maintainability

- a) The vehicle **must** permit access to all items required for servicing and maintenance.
- b) The vehicle **must** allow the manufacturer's recommended daily maintenance without having to raise the cab.
- c) Spin on style filters **must** be provided where available.

#### 3.2 Operating Conditions

3.2.1 **Weather** -The vehicle **must** operate under the extremes of weather conditions found in Canada in temperatures ranging from -40 to 37° C (-40 to 99° F) and cold starting from -40° C with external aids.

3.2.2 **Terrain** - The vehicle **must** be operated off-road. Terrain conditions **must** include year round operations on snow, mud, swamp, sand and ice.



### 3.3 **Safety Standards**

#### 3.3.1 **Vehicle Safety Regulations**

- a) The vehicle **must** comply with the Motor Vehicle Safety Regulations (MVSR).
- b) The vehicle **must** have Safety Compliance Certification Label with a National Safety Mark (NSM), as a seal of compliance **or** be accompanied by a Vehicle Import Form containing proof of Inspection by the Registrar of Imported Vehicles.

3.3.2 **Human Factors Engineering** - The vehicle, all systems, and components **must** comply with the relevant sections of the COHSR and **must**:

- a) Be manufactured/assembled for safety and ease of use by CAF users with anthropometric characteristic measurements ranging from 95th percentile male to 5th percentile female;
- b) Have entry and exit points equipped with handles and steps sized and positioned to accommodate CAF users with anthropometric characteristic measurements ranging from 95th percentile male to 5th percentile female;
- c) Be equipped, with warning and instruction plates, non-slip walking surfaces and heat shields, for operator safety

### 3.4 **Vehicle Performance, Ratings and Dimensions**

#### 3.4.1 **Performance**

- a) The fully laden vehicle **must** maintain a minimum top speed of 90 km/h (56 mph) on a 5.0% (percent) slope.
- b) The vehicle **must** have both an angle of approach and an angle of departure of at least 20 degrees.
- c) When operating at the GVWR, the vehicle **must** tow an 8,000 kg (17,600 lbs) trailer.

#### 3.4.2 **Weight Ratings**

- a) The GVWR of the vehicle **must** not be less than the sum of the unloaded vehicle mass, the cargo carrying capacity, and the product obtained by multiplying the designated seating capacity by 68kg as defined in the Motor Vehicle Safety Regulations (C.R.C., c. 1038).
- b) Each GAWR **must** be equal to or less than the load rating of the weakest component in the axle system, i.e., axle housing, suspension, wheels, or tires.
- c) The total load on each axle of the vehicle **must** not exceed the GAWR for that axle.
- d) Axle loads **must** comply with all the provincial weight restrictions across Canada.

### 3.4.3 **Dimensions**

- a) The vehicle **must** have road legal dimensions across Canada;
- b) The maximum overall height of the vehicle **must** be 3.75 metres (12.5 feet).
- c) The maximum overall width of vehicle **must** be 2.59 metres (8.5 feet).
- d) The minimum vehicle ground clearance **must** be 450 mm (17.7 inches).

### 3.5 **Engine**

- a) The engine **must** operate on diesel fuel to the CAN/CGSB Standard 3.517. Engine manufacturer's certification **must** be available upon request.
- b) The engine **must** have sufficient power to meet the specified performance requirements outlined in paragraph 3.4.1.

#### 3.5.1 **Engine Components**

- a) Replaceable air filters **must** be provided.
- b) A cooling system **must** be provided.
- c) A combustion air cleaning system **must** be provided, with an air cleaner restriction indicator visible to the operator.
- d) A governor **must** be provided.
- e) A full flow replaceable oil filter **must** be installed.
- f) An engine shutdown or de-rate system **must** be provided, including a visual warning indicator visible from the operator position.

3.5.2 **Engine Cold Weather Starting Aids** - The engine **must** be equipped with cold weather aids applicable to the operating conditions in Paragraph 3.2.

- a) A low temperature engine starting aid **must** be provided, including glow plug(s) or intake air-preheat system.
- b) A thermostatically controlled water separator/fuel filter **must** be provided to preheat diesel fuel prior to starting.
- c) A thermostatically controlled in-line fuel heater **must** be provided.
- d) A 110-volt engine heater(s) **must** be provided.
- e) A 110-volt battery heater(s) **must** be provided.
- f) The battery **must** be housed in an insulated battery box, blanket or heated cab.

- g) All cold weather aids **must** be connected together with a single, cover-protected, external electrical power plug, without lifting the cab.

3.5.3 **Cooling System** - The engine **must** be provided with extended life coolant (ELC), cooling system and radiator which operates within the conditions stated in Paragraph 3.4.1.

3.5.4 **Fuel Tank(s)**

- a) The fuel tank(s) **must** have a fuel capacity that will provide the greater of at least 400 km of fully laden cruise or ten (10) continuous hours of pumping operations.
- b) If more than one fuel tank is used, separate fuel gauges **must** be provided.

3.5.5 **Drivetrain** – The drivetrain consists of components transmitting power from the engine output shaft to driven wheels.

- a) The vehicle's drivetrain **must** be a 4x4 or AWD.
- b) The drivetrain **must** include a "Park" or "Neutral" starting interlock.
- c) The drivetrain **must** include limited slip or driver controlled locking differential(s) on the drive axle(s).

3.6 **Exhaust System**

- a) The vehicle **must** be equipped with an exhaust system shielded to prevent personnel contacting a heated surface.
- b) The exhaust system **must** prevent entry of rain.

3.7 **Transmission** - The vehicle **must** be equipped with a rugged heavy duty fully automatic transmission.

- a) The transmission **must** have an oil heater, if required to meet the operating conditions specified in Paragraph 3.2.
- b) The transmission **must** have an oil cooler.
- c) The transmission **must** have a replaceable oil filter.
- d) The transmission shift control **must** clearly indicate the position of the shift column under all lighting conditions.
- e) The transmission **must** supply power to all 4 wheels.
- f) A transmission oil dipstick **must** be provided.

3.7.1 **Power Take Off (PTO)**

- a) The PTO **must** be of the hot shift type with pump direct mount.

- b) The PTO **must** be transmission mounted, and have a torque rating that will allow the hydraulic oil pump to meet its rated performance.
- c) The gearbox **must** be of sufficient size to withstand the engine torque for the range of pump operating conditions and be selected to give the maximum performance with the engine, transmission, and PTO.
- d) PTO activation controls **must** be provided in the cab, within reach of the driver.

3.8 **Brakes** - The vehicle **must** be equipped with a braking system, including a parking brake.

### 3.9 **Suspension System**

- a) The vehicle **must** be equipped with multi-leaf type springs with bumper pads, an air suspension system, heavy-duty on/off highway air suspension or rear rubber block.
- b) The suspension system **must** be provided with double acting shock absorbers on all axles.
- c) If an air system is provided, it **must** include immediate response automatic ride height control.
- d) If an air system is provided, a heated expello valve **must** be provided.

### 3.10 **Steering**

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

### 3.11 **Wheels, Rims and Tires**

- a) Tires and rims **must** be selected in accordance with MVSR Technical Standards Documents No. 120, Revision 1R.
- b) Tires **must** have a tread pattern for use in the operating conditions described in Paragraph 3.2.
- c) The wheels, tires and rims **must** include valve extensions for inner tires, if used, to allow for easy access.
- d) If applicable, all tires **must** be the same size, ply ratings, make and model.
- e) For each tire size provided, one full size spare tire assembly **must** be delivered with each vehicle.

3.12 **Cab** -The vehicle **must** be equipped with a two-person weatherproof cab.

- a) A fully adjustable driver and passenger seats **must** be provided, with suspension and arm rests.
- b) Driver and passenger seats **must** have dark upholstery and retractable (3-point) seat belts.
- c) A minimum of two (2) doors **must** be provided with power locks, be keyed alike, and have keyless entry.

- d) A ventilation/heater and defrosting system **must** be provided, with a multi-speed fan, applicable for the operating conditions as specified in Paragraph 3.2.
- e) An air conditioning system **must** be provided equipped with all components and controls required for regulation of the cab interior temperature.
- f) Rear window and powered side windows **must** have glass tinting between 10% and 20%, to reduce solar heating effects. If aftermarket tinting is used, it **must** be a metallic film with between 10% and 20% "Visible Light Transmission" of a smoke charcoal colour.
- g) A powered windshield washer system **must** be provided with multi-speed wipers, where the wiper blades do not travel from a vertical center windshield position to a horizontal position near the roof line.
- h) The cab floor or floor mats **must** be weatherproof.
- i) Two rotating interior sun visors **must** be installed.
- j) A back-up camera system **must** be installed in the cab with a screen size of at least 17.7 cm (7 inches).
- k) An AM/FM stereo radio with an auxiliary port **must** be provided.
- l) Two heavy-duty, powered and heated exterior side mirrors, with convex section, **must** be provided with in-cab controls.
- m) The cab **must** be equipped with a 2.3 kg (5 lb) ULC approved and rechargeable dry chemical fire extinguisher, with a minimum rating of 3A10BC, equipped with a pressure gauge, service inspection tag, and accessible to the operator.
- n) The cab **must** have steps and grab handles on each side of the cab to provide easy and safe access.

3.13 **Septic Service System** - The vehicle **must** be equipped with a septic vacuum service system.

#### 3.13.1 **Vacuum Tank**

- a) The vehicle **must** be equipped with a vacuum tank.
- b) The vacuum tank provided **must** be a minimum of 4,500 litres (1188 US Gal's) and **must** be the manufacturer's latest commercial standard vacuum tank design.
- c) The vacuum tank **must** be of heavy duty construction to handle stresses and flexing induced from dirt and gravel road operations.
- d) The vacuum tank **must** be constructed with sufficient thickness to provide complete structural integrity of the tank for the expected life of the vehicle, and for the required application.
- e) The vacuum tank **must** be made of a corrosion resistant metal.

- f) A ladder **must** be provided on the left side of the tank.
- g) The ladder **must** have anti slip rungs.
- h) A man way **must** be mounted on top of the tank for ease of cleaning.
- i) The vacuum tank **must** be provided with baffling that will minimize water surging while in transport.

#### 3.13.2 Vacuum Pump

- a) A hydraulic vacuum pump **must** be provided.
- b) The vacuum pump **must** lift sewage from a minimum distance of 7.0 m (23 ft) below grade into the vacuum tank.
- c) The pump **must** be liquid cooled.
- d) The pump **must** have automatic lubrication.
- e) The pump **must** have a minimum flow rate of 200 CFM.

#### 3.13.3 Valves

- a) An intake valve with a minimum 76 mm (3 inch) quick open brass gate valve with an aluminium male coupling and cap including a minimum of a 76 mm (3 inch) diameter riser pipe and impact wear plate **must** be provided.
- b) The intake valve **must** be heated.
- c) A discharge valve with a minimum of a 75 mm (3 inch) brass gate with aluminium male coupling and cap.
- d) The discharge valve **must** be heated.
- e) The vacuum tank **must** be equipped with a primary shut off valve.
- f) The vacuum tank **must** be equipped with a secondary shut off valve.
- g) The vacuum tank **must** be equipped with one (1) pressure relief valve.
- h) The vacuum tank **must** be equipped with one (1) vacuum relief valve.
- i) All valves **must** be mounted so as to prevent damage while driving in conditions outlined in Paragraph 3.2

#### 3.13.4 Vacuum Tank Hoses

- a) Industrial type, flexible hose compatible with intake and discharge valves **must** be provided.

- b) The hose **must** be a minimum of 15 m (50 ft).
- c) The flexible hose **must** have a minimum diameter of 75 mm (3 in).
- d) The vehicle **must** be equipped with a storage location for the vacuum tank hose(s).

### 3.14 **High Pressure Water Wash-down System**

- a) A high pressure water wash-down system **must** be provided to clean lavatory cabins being serviced by the vehicle described in this purchase description.
- b) The water wash-down system **must** be compatible with the water tank in Paragraph 3.14.1.
- c) The water wash down system **must** include a pump.
- d) A water hose of minimum length 15 m (50 ft) and minimum diameter 25 mm (1 in) **must** be provided.
- e) A heavy duty water hose reel **must** be provided to accommodate the aforementioned water hose.
- f) The wash-down system **must** be provided with a wand wash-down gun.
- g) The wand wash-down gun **must** be equipped with a long reach lance and a high pressure three-nozzle rotating head.

#### 3.14.1 **Water Tank**

- a) The water tank **must** have a minimum capacity of 1,200 litres (300 US Gal).
- b) The water tank **must** be constructed from a corrosion resistant material and resist cracking and fatigue due to movement in off road conditions.
- c) The tank material **must** be of sufficient thickness to provide complete structural integrity of the tank for the expected life of the vehicle, and for the required application.
- d) The tank **must** be fitted with a drain valve that will allow the tank to be completely drained.
- e) The tank **must** have a combination vent and manual fill tower.
- f) The fill tower **must** have a debris screen.
- g) The tank **must** be provided with a bracket rack and a minimum 50 mm (2 in) water valve.

### 3.15 **Accessories**

- a) The vehicle **must** have front and rear licence plate holders.
- b) The vehicle **must** be equipped with towing hooks or equivalent attachments at the front and rear of the vehicle of sufficient strength to permit recovery of the vehicle, and accessible without having to crawl under the vehicle.

- c) The vehicle **must** have mud flaps.
- d) The vehicle **must** have a heavy duty truck mounted rear bumper for protection of valves.
- e) A pintle hitch provided rated for a minimum tow capacity of 8,000 kg (17,600 lbs.) and support a minimum tongue weight of 1,000 kg (2,200 lbs) **must** be provided.

#### 3.16 **Tool Box**

- a) The vehicle **must** be equipped with a water proof curb side tool box compartment.
- b) The tool box compartment **must** be made of corrosion resistant material and **must** have heavy duty hinges and lockable handles.
- c) The tool box **must** be at a minimum 460 mm (18 in) high by 460 mm (18 in) deep by 900mm (36 in) wide.

#### 3.17 **Road Storage Compartment**

- a) The vehicle **must** be equipped with a road side compartment.
- b) The compartment **must** be made of corrosion resistant material and **must** have heavy duty hinges and lockable handles.
- c) The compartment **must** be fitted with track matting.
- d) The compartment **must** be at a minimum 460 mm (18 inches) high by 460 mm (18 inches) deep by 900 mm (35 inches) wide.

#### 3.18 **Instrumentation** – Instruments **must** be metric and visible to the seated operator in all lighting conditions and include:

- a) An ammeter, voltmeter or charging indicator;
- b) An engine coolant temperature indicator;
- c) A hydraulic oil temperature and level indicator;
- d) An engine oil pressure indicator;
- e) An hour-meter with numeric display, which accurately records accumulated engine running time up to at least 9,999 hours;
- f) A fuel level indicator;
- g) A speedometer;
- h) An engine tachometer; and
- i) Differential lock indicator.



- j) Vacuum tank pressure gauge.
- k) Vacuum and water tank level indicators.

### 3.19 **Controls**

- a) Each control **must** be permanently marked to identify the function, in both English and French or international symbols as defined by SAE J1362.
- b) Vehicle controls **must** be grouped together in the cab.
- c) All septic vacuum service system related controls **must** be grouped together in the cab.
- d) Controls **must** not restrict the operator's field of view.
- e) Control panel lights **must** be provided for adequate lighting for nighttime operations.

### 3.20 **Electrical System**– The vehicle **must** be equipped with a 12-volt electrical system

- a) Wiring **must** be protected by insulating grommets, where passing through metal.
- b) A 7-pin electrical trailer socket **must** be provided
- c) Heavy-duty, maintenance free batteries **must** be provided and secured in an accessible well-protected location.
- d) A master disconnect switch, accessible from the ground, **must** be provided.
- e) An alternator **must** be provided.

### 3.21 **Lighting system**

- a) The vehicle **must** be equipped with LED lights.
- b) Lights **must** be recessed or otherwise protected from damage with all components accessible for servicing.
- c) In-cab instrument panel lights **must** be dimmable.
- d) A goose neck style map light for in cab passenger task lighting **must** be equipped.
- e) 2 Work lights **must** be mounted at the rear of the vehicle.
- f) The vehicle **must** have an emergency strobe amber emergency light mounted at the rear.
- g) All controls for the lights **must** be located in the cab.
- h) Automatic LED lighting **must** be provided for the compartment and toolbox.

3.22 **Lubricants and Fluids** - The vehicle **must** be serviced with standard lubricants and fluids compatible with the delivery location and season.

3.23 **Corrosion Protection**

- a) The vehicle **must** be designed and manufactured to prevent galvanic corrosion.
- b) The materials used in the vehicle manufacturing **must** resist damage or deterioration as a result of cleaning with hot or cold water, steam, or detergents.
- c) A commercial rust prevention coating **must** be applied to the vehicle, such as Krown Rust Control or Rust Check.
- d) A decal and warranty papers for the rust prevention coating **must** accompany the vehicle.

3.24 **Exterior Paint and Retroreflective Tape**

- a) All metal surfaces **must** be protected.
- b) The prime coating **must** be a high durability, corrosion resistant type, such as an epoxy.
- c) The colour **must** be white.
- d) Retroreflective tape **must** be placed on the vehicle in accordance with the Motor Vehicle Safety Regulations (MVSR).

3.25 **Warning, Markings and Instruction Plates**

- a) All identification, instructional, and warning labels **must** be bilingual or International symbols defined in SAE J1362.
- b) All identification, instructional, and warning labels **must** within view of the operator.
- c) All gauges and controls and **must** be permanently labelled.

3.25.1 **Vehicle identification** - The following information **must** be permanently affixed in a conspicuous and protected location:

- a) The cab and chassis manufacturer's name, model number, serial number, and model year;
- b) The body manufacturer's model and serial number;
- c) The equipment manufacturer's model and serial number; and
- d) The GVWR and GAWR ratings.

- e) Integrated Logistic Support

3.26 **Vehicle Manuals**– All manuals required for the description, operation, maintenance and repair of the complete equipment, including sub-systems, **must** be provided.

3.26.1 **Operator's Manuals**

- a) The operator's manuals **must** be bilingual (English/French).
- b) The operator's manuals **must** include instructions for the safe operation of the vehicle.
- c) The operator's manuals **must** include daily operator maintenance instructions/checks (including lubrication).
- d) The operator's manuals **must** include safety warnings.
- e) The operator's manuals **must** include hand signals (as necessary).

3.26.2 **Parts Manual(s)**

- a) The parts manual(s) **must** be in English (bilingual is desirable).
- b) The parts manual **must** have illustrations showing all components of the vehicle including equipment and accessories from other manufacturers that are supplied to meet the requirements of the contract, with numbers for the itemization of the parts.
- c) The parts manual **must** have a listing for all itemized parts showing the Original Equipment Manufacturers (OEM) part number, the part name and a brief description of the item.
- d) The parts manual **must** cross reference the OEM part number to the correct illustration and item number.
- e) The parts manual **must** have a representation of bilingual warning signs and identification labels delivered on the equipment.

3.26.3 **Maintenance Manuals**

- a) The maintenance manual **must** be in English (bilingual is desirable).
- b) The maintenance manual **must** include a trouble shooting guide, showing the steps and tests required to determine the exact cause of a problem and an explanation of the steps required to correct a problem.
- c) The maintenance manual **must** include a listing of the necessary tolerances, torque levels, fluid volume, and special tools (including item part numbers).
- d) The maintenance manual **must** include information on the order of disassembly and assembly of the systems and components of the vehicle.
- e) The maintenance manual **must** include special tools list as per Paragraph 4.3.4.

#### 3.26.4 **Manual Delivery to Technical Authority**

- a) Sample manuals **must** be submitted to the Technical Authority (TA) prior to the delivery of the vehicle/trailer for each model and or sub-system for approval. Sample manuals will not be returned. TA will provide approval or comments on the manuals within 30 days.
- b) One (1) complete set of approved manuals (Operator's, Maintenance, and Parts) in electronic format **must** be delivered to the Technical Authority.

#### 3.26.5 **Manual Delivery with Vehicle**

- a) One (1) complete set of manuals (Operator's, Maintenance, and Parts) **must** accompany each vehicle, shipped to each location.
- b) The manuals **must** be in paper and electronic format.

#### 3.26.6 **Electronic Format**

- a) Approved copies of the electronic format manuals **must** be delivered on CD/DVD-ROM.
- b) CD/DVD-ROM **must** not require installation, password and/or Internet connection to be accessed and be an unlocked PDF in a searchable format.

#### 3.26.7 **Provisional Manuals**

- a) In the event that approved manuals are not available at the time of delivery of the equipment, manuals marked "Provisional" **must** be supplied with the equipment.
- b) The contractor **must** deliver replacement approved manuals to all destinations where Provisional manuals were delivered.

#### 3.26.8 **Manual Supplements**

- a) The contractor **must** supply manual supplements (Operator's, Maintenance and Parts) to support dealer-installed equipment not covered in the Vehicle Manuals.
- b) Manual supplements **must** be delivered in accordance with Paragraphs 4.1.4 and 4.1.5.

3.26.9 **Translation and Reproduction Rights**– The Canadian Government **must** reserve the right to translate and reproduce, for Government use only, all or any part of the publications supplied, including the training packages delivered against the contract agreement.

#### 3.26.10 **Changes to Manuals**

- a) During the period of the contract, changes to equipment, which affect the contents of manuals, **must** be reflected in the revision of the electronic and paper version of the manuals.
- b) Changes to the manuals **must** conform to the same format and presentation requirements as the original manuals.

- c) The revised electronic version of the manual **must** be sent to the Technical Authority by the Contractor.

### 3.27 **Warranty Letter**

- a) The warranty letter **must** include a list of all Canadian designated warranty service providers that will honour the warranty for the equipment and attachments (if applicable) procured under this contract, including the contact person and phone number at each warranty service provider.
- b) The warranty letter **must** include additional warranty coverage of sub-systems and a copy of the warranty letter from each sub-system's Original Equipment Manufacturer (OEM).
- c) The warranty letter **must** include warranty period as negotiated in the contract.
- d) The warranty letter **must** include Contractor contact information, name and phone number, for warranty support.

3.27.1 **Warranty Letter Delivery** - The Contractor **must** provide a bilingual warranty letter to the Technical Authority and with each vehicle. If the Technical Authority requires the letter to be in DND format, then they will provide the Contractor a template for the DND acceptable format of the warranty letter.

3.28 **Other ILS Deliverables to Technical Authority** - The following deliverables **must** be provided in electronic format prior to the delivery of the last vehicle.

3.28.1 **Data Summary** - The Contractor **must** provide a bilingual Data Summary for each make/model/configuration of vehicle by completing Technical Authority's template with data and a vehicle picture.

3.28.2 **Photographs** – The Contractor **must** provide photographs in colour, taken against a plain background, and in digital JPEG format with a minimum 10 megapixel resolution and with the following views:

- a) One left front three-quarter view of a completed unit; and
- b) One right rear three-quarter view of a completed unit.

3.28.3 **Dimensioned Drawing** - One side and front view sketch showing the dimensions **must** be provided. Brochure sketches are acceptable.

3.28.4 **Special Tools List** - The Contractor **must** provide an itemized list of specific special tools required for the servicing and repair of the vehicle and include:

- a) Item name;
- b) Manufacturer's part number (OEM);
- c) Quantity recommended per delivery location;
- d) Contractor's part number;

- e) Unit price; and
- f) Unit of issue.

3.28.5 **Preventive Maintenance Replacement Parts Kit List (PMRPKL)** - The contractor **must** provide a list detailing the parts that are required to perform preventive maintenance to the system for a period of 12 months, and include:

- a) Item name;
- b) Contractor's part number
- c) Manufacturer's part number;
- d) Manufacturer's NATO Supply code (NCAGE) or name and address;
- e) NSN (NATO Stock Number) (if known);
- f) Quantity per equipment;
- g) Quantity recommended;
- h) Unit price; and
- i) Unit of issue.

3.28.6 **Recommended Spare Parts List** – The Contractor **must** provide a list detailing the spare parts deemed necessary to maintain the vehicle for a period of 12 months exclusive of any warranty period, and include:

- a) Part description;
- b) Original Equipment Manufacturer;
- c) Original Equipment Manufacturer Part Number;
- d) Suggested quantity; and
- e) Unit cost.

3.29 **Safety Recalls and Servicing Data** - Safety recalls, and manufacturer's technical service bulletins, or equivalent **must** be provided to the technical authority and the final delivery locations on a continuing basis, throughout the life expectancy of the vehicle or for no less than 10 years.

3.30 **Initial Parts Kit**

- a) One initial parts kit **must** be delivered with each vehicle.
- b) Each kit **must** include a complete set of filters and filter elements from the Original Equipment Manufacturer (OEM) required in the first 12 months of service.

- c) One kit per location **must** include the special tools listed in Paragraph 4.3.4.

3.31 **Familiarization Training**

- a) The Contractor **must** perform at least 1-day (8 hours) familiarization instruction at each destination, for a maximum of 8 personnel (at each destination).
- b) The instruction **must** include the detailed operation and normal servicing of the vehicle/equipment and will be attended by CAF operators and maintainers.
- c) Familiarization instructions **must** be available in both official languages for destinations in the province of Quebec or as requested by the Technical Authority.
- d) The final dates **must** be arranged with the Technical Authority.
- e) After completion of the familiarization session, the Contractor **must** have a "PROOF OF FAMILIARIZATION INSTRUCTION" certificate signed by the consignee. The Technical Authority will supply this document in an electronic format, when requested.



Pumper Vacuum Servicing Truck  
ECC 189507

**TECHNICAL INFORMATION QUESTIONNAIRE**

This questionnaire covers technical information, which **must** be provided for evaluation of the configuration(s) of the vehicle(s) offered.

Where the specification paragraphs below indicate "Proof of Compliance", the "Proof of Compliance" **must** be provided for each performance requirement/specification.

Bidders should indicate the requested information and indicate the document name/title and page number where the Proof of Compliance can be found.

Definitions for **Equivalent** and **Proof of Compliance** are found in the DEFINITIONS section at the end of this document.

**BIDDER INFORMATION**

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

**Proposal Date:** \_\_\_\_\_

**Compliance**

Equipment provided complies with all specified requirements?

YES ☐ NO ☐

**Equivalents**

Are **Equivalents** provided for any of the requirements in the Purchase description?

YES ☐ NO ☐

If yes, please identify all **Equivalents** below and indicate where in the proposal related information can be found:

_____	:
_____	:
_____	:
_____	:
_____	:
_____	:
_____	:
_____	:



**Pumper Vacuum Servicing Truck  
ECC 189507**

**TECHNICAL INFORMATION QUESTIONNAIRE**

**Proposed Make** \_\_\_\_\_ **- Model** \_\_\_\_\_

**PURCHASE DESCRIPTION PARAGRAPHS**

**3.1 Standard Design – *Proof of compliance***

- c) The Bidder ***must*** provide client information for industry acceptability and/or experience as specified in the purchase description.

Client information ***must*** include:

- Client name and location
- Year completed
- List of make(s)/model(s).

Client information can be found in: Document: \_\_\_\_\_ Page: \_\_\_\_.

**3.3.1 Vehicle Safety Regulation - *Proof of compliance***

- b) The Bidder ***must*** provide proof of compliance for the vehicle safety requirement.

Proof of compliance can be found in: Document: \_\_\_\_\_ Page: \_\_\_\_.

**3.4.1 Performance - *Proof of Compliance***

- a) The Bidder ***must*** provide proof of compliance for the vehicle speed with respective slope requirement.

Performance information can be found in: Document: \_\_\_\_\_ - Page: \_\_\_\_.

**3.4.2 Weight Ratings - *Proof of Compliance***

- c) The Bidder ***must*** provide proof of compliance for the axle loading requirement.

Weight ratings information can be found in: Document: \_\_\_\_\_ - Page: \_\_\_\_.

**3.7 Engine – *Proof of Compliance***

- a) The Bidder ***must*** provide proof of compliance that the engine operates on ultra-low sulfur (ULS) diesel fuel ***must*** be provided.

Engine information can be found in: Document: \_\_\_\_\_ Page: \_\_\_\_.

**3.13.1 Vacuum Tank - *Proof of Compliance***

- b) The Bidder ***must*** provide proof of compliance for the vacuum tank capacity.

Vacuum tank information can be found in: Document: \_\_\_\_\_ - Page: \_\_\_\_.

- e) The Bidder ***must*** provide proof of compliance for the vacuum tank materials.

Vacuum tank information can be found in: Document: \_\_\_\_\_ - Page: \_\_\_\_.

### **3.13.2 Vacuum Pump - Proof of Compliance**

- b) The Bidder ***must*** provide proof of compliance for this requirement.

Vacuum pump information can be found in: Document: \_\_\_\_\_ - Page: \_\_\_\_.

- e) The Bidder ***must*** provide proof of compliance for this requirement.

Vacuum pump information can be found in: Document: \_\_\_\_\_ - Page: \_\_\_\_.

### **3.13.3 Valves - Proof of Compliance**

- a) The Bidder ***must*** provide proof of compliance for this requirement.

Intake valve information can be found in: Document: \_\_\_\_\_ - Page: \_\_\_\_.

### **3.14.1 Water Tank - Proof of Compliance**

- a) The Bidder ***must*** provide proof of compliance for the water tank capacity.

Water tank information can be found in: Document: \_\_\_\_\_ - Page: \_\_\_\_.

### **3.16 Tool Box - Proof of Compliance**

- a) The Bidder ***must*** provide proof of compliance for this requirement.

Tool box information can be found in: Document: \_\_\_\_\_ - Page: \_\_\_\_.

### **3.17 Road Side Storage Compartment - Proof of Compliance**

- a) The Bidder ***must*** provide proof of compliance for this requirement.

Road side storage compartment information can be found in: Document: \_\_\_\_\_ - Page: \_\_\_\_.

## **DEFINITIONS**

- 1.1 **“Proof of Compliance”** - An unaltered document, such as a brochure and/or technical literature and/or a third party test report provided by a nationally and/or internationally recognized testing facility and/or a report generated by a nationally and/or internationally recognized third party software. The document ***must*** provide detailed information on each performance requirement and/or specification. Where a document submitted as Proof of Compliance does not cover all the performance requirements and/or specifications or when no such document is available or when modifications to the original equipment or customization are required to achieve the performance requirements and/or specifications, a Certificate of Attestation (as a separate document) signed by a senior representative of the Original Equipment Manufacturer (OEM) detailing the modifications and how they meet the performance requirements and/or specifications ***must*** be provided. The certificate ***must*** detail all performance requirements and/or specifications required to substantiate compliance. One certificate can be provided for one or all performance requirements and/or specifications.
- 1.2 **“Equivalent”** - Substitutes and alternatives that are equivalent in product, performance or a standard will be considered for acceptance by the Technical Authority where Proof of Compliance for the requirement is provided.