



**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> OSCER Vehicle Véhicule CPICU	
<b>Solicitation No. - N° de l'invitation</b> W8476-226514/A	<b>Date</b> 2021-09-14
<b>Client Reference No. - N° de référence du client</b> W8476-226514	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$HP-912-80394	
<b>File No. - N° de dossier</b> hp912.W8476-226514	<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> Eastern Daylight Saving Time EDT <b>on - le 2021-10-25</b> Heure Avancée de l'Est HAE	
<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> Pearson, Neil	<b>Buyer Id - Id de l'acheteur</b> hp912
<b>Telephone No. - N° de téléphone</b> (613) 462-6793 ( )	<b>FAX No. - N° de FAX</b> (613) 943-7620
<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 – Voir ci-inclus	<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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W8476-226514/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur  
hp912

Client Ref. No. - N° de réf. du client  
W8476-226514

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hp912.W8476-226514

CCC No./N° CCC - FMS No/ N° VME

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## **PART 1 - GENERAL INFORMATION**

### **1.1 Requirement**

Canada is seeking proposals to procure:

**1.1.1** Quantity eighteen (18), On-Scene Control and Emergency Response (OSCER) vehicles and ancillary items as described in Annex "A" - Pricing and in accordance with Annex "B"- Purchase Description OSCER.

**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 Phased Bid Compliance Process**

The Phased Bid Compliance Process applies to this requirement.

### **1.4 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 (2020-05-28) 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:** two-hundred and seventy (270) 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.dgareceptiondessoumissions-abbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca](mailto:tpsgc.dgareceptiondessoumissions-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.

To submit a bid using epost Connect service, the Bidder must either:

- i. send directly its bid only to the specified PWGSC Bid Receiving Unit, using its own licensing agreement for epost Connect provided by Canada Post Corporation; or

- ii. send as early as possible, and in any case, at least six business days prior to the solicitation closing date and time, (in order to ensure a response), an email that includes the bid solicitation number to the specified PWGSC Bid Receiving Unit requesting to open an epost Connect conversation. Requests to open an epost Connect conversation received after that time may not be answered.

### **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.

## **2.6 Bid Challenge and Recourse Mechanisms**

(a) Several mechanisms are available to potential suppliers to challenge aspects of the procurement process up to and including contract award.

(b) Canada encourages suppliers to first bring their concerns to the attention of the Contracting Authority. Canada's Buy and Sell website, under the heading "Bid Challenge and Recourse Mechanisms" contains information on potential complaint bodies such as:

- Office of the Procurement Ombudsman (OPO)
- Canadian International Trade Tribunal (CITT)

(c) Suppliers should note that there are strict deadlines for filing complaints, and the time periods vary depending on the complaint body in question. Suppliers should therefore act quickly when they want to challenge any aspect of the procurement process.

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

### **3.1 Bid Preparation Instructions – Electronic Submission**

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.

Canada requests that the bid be gathered per section and separated as follows:

Section I: Technical Bid

Section II: Financial Bid

Section III: Certifications

Due to the nature of the Request for Proposal, transmission of bids by mail/courier to PWGSC BRU will not be accepted.

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

#### **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;

- Annex "C" - Technical Evaluation Matrix – OSCER

#### **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 “D” Electronic Payment Instruments, to identify which ones are accepted.

If Annex “D” 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 all vehicle(s) is requested by 15 March 2023, the best delivery that can be offered is as follows:

Item 001 – quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 002 – quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 003 – quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 004 – quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 005 – quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 006 – quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 007 – quantity one (1), On-Scene Control and Emergency Response (OSCER) and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 008 – quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 009 – quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 010 – quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 011 – quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 012 – quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 013 – quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 014 – quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 015 – quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 016 – quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 017 – quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 018 – quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle 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 019 – Up to four (4), On-Scene Control and Emergency Response (OSCER) vehicles 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 Phased Bid Compliance Process**

##### **4.1.1.1 (2018-07-19) General**

- (a) Canada is conducting the PBCP described below for this requirement.
- (b) Notwithstanding any review by Canada at Phase I or II of the PBCP, Bidders are and will remain solely responsible for the accuracy, consistency and completeness of their Bids and Canada does not undertake, by reason of this review, any obligations or responsibility for identifying any or all errors or omissions in Bids or in responses by a Bidder to any communication from Canada.

THE BIDDER ACKNOWLEDGES THAT THE REVIEWS IN PHASE I AND II OF THIS PBCP ARE PRELIMINARY AND DO NOT PRECLUDE A FINDING IN PHASE III THAT THE BID IS NON-RESPONSIVE, EVEN FOR MANDATORY

REQUIREMENTS WHICH WERE SUBJECT TO REVIEW IN PHASE I OR II AND NOTWITHSTANDING THAT THE BID HAD BEEN FOUND RESPONSIVE IN SUCH EARLIER PHASE. CANADA MAY DEEM A BID TO BE NON-RESPONSIVE TO A MANDATORY REQUIREMENT AT ANY PHASE. THE BIDDER ALSO ACKNOWLEDGES THAT ITS RESPONSE TO A NOTICE OR A COMPLIANCE ASSESSMENT REPORT (CAR) (EACH DEFINED BELOW) IN PHASE I OR II MAY NOT BE SUCCESSFUL IN RENDERING ITS BID RESPONSIVE TO THE MANDATORY REQUIREMENTS THAT ARE THE SUBJECT OF THE NOTICE OR CAR, AND MAY RENDER ITS BID NON-RESPONSIVE TO OTHER MANDATORY REQUIREMENTS.

- (c) Canada may, in its discretion, request and accept at any time from a Bidder and consider as part of the Bid, any information to correct errors or deficiencies in the Bid that are clerical or administrative, such as, without limitation, failure to sign the Bid or any part or to checkmark a box in a form, or other failure of format or form or failure to acknowledge; failure to provide a procurement

business number or contact information such as names, addresses and telephone numbers; inadvertent errors in numbers or calculations that do not change the amount the Bidder has specified as the price or of any component thereof that is subject to evaluation. This shall not limit Canada's right to request or accept any information after the bid solicitation closing in circumstances where the bid solicitation expressly provides for this right. The Bidder will have the time period specified in writing by Canada to provide the necessary documentation. Failure to meet this deadline will result in the Bid being declared non-responsive.

- (d) The PBCP does not limit Canada's rights under Standard Acquisition Clauses and Conditions (SACC) 2003 (2019-03-04) Standard Instructions – Goods or Services – Competitive Requirements nor Canada's right to request or accept any information during the solicitation period or after bid solicitation closing in circumstances where the bid solicitation expressly provides for this right, or in the circumstances described in subsection (c).
- (e) Canada will send any Notice or CAR by any method Canada chooses, in its absolute discretion. The Bidder must submit its response by the method stipulated in the Notice or CAR. Responses are deemed to be received by Canada at the date and time they are delivered to Canada by the method and at the address specified in the Notice or CAR. An email response permitted by the Notice or CAR is deemed received by Canada on the date and time it is received in Canada's email inbox at Canada's email address specified in the Notice or CAR. A Notice or CAR sent by Canada to the Bidder at any address provided by the Bidder in or pursuant to the Bid is deemed received by the Bidder on the date it is sent by Canada. Canada is not responsible for late receipt by Canada of a response, however caused.

#### **4.1.1.2 (2018-03-13) Phase I: Financial Bid**

- (a) After the closing date and time of this bid solicitation, Canada will examine the Bid to determine whether it includes a Financial Bid and whether any Financial Bid includes all information required by the solicitation. Canada's review in Phase I will be limited to identifying whether any information that is required under the bid solicitation to be included in the Financial Bid is missing from the Financial Bid. This review will not assess whether the Financial Bid meets any standard or is responsive to all solicitation requirements.
- (b) Canada's review in Phase I will be performed by officials of the Department of Public Works and Government Services.

- (c) If Canada determines, in its absolute discretion that there is no Financial Bid or that the Financial Bid is missing all of the information required by the bid solicitation to be included in the Financial Bid, then the Bid will be considered non-responsive and will be given no further consideration.
- (d) For Bids other than those described in c), Canada will send a written notice to the Bidder ("Notice") identifying where the Financial Bid is missing information. A Bidder, whose Financial Bid has been found responsive to the requirements that are reviewed at Phase I, will not receive a Notice. Such Bidders shall not be entitled to submit any additional information in respect of their Financial Bid.
- (e) The Bidders who have been sent a Notice shall have the time period specified in the Notice (the "Remedy Period") to remedy the matters identified in the Notice by providing to Canada, in writing, additional information or clarification in response to the Notice. Responses received after the end of the Remedy Period will not be considered by Canada, except in circumstances and on terms expressly provided for in the Notice.
- (f) In its response to the Notice, the Bidder will be entitled to remedy only that part of its Financial Bid which is identified in the Notice. For instance, where the Notice states that a required line item has been left blank, only the missing information may be added to the Financial Bid, except that, in those instances where the addition of such information will necessarily result in a change to other calculations previously submitted in its Financial Bid, (for example, the calculation to determine a total price), such necessary adjustments shall be identified by the Bidder and only these adjustments shall be made. All submitted information must comply with the requirements of this solicitation.
- (g) Any other changes to the Financial Bid submitted by the Bidder will be considered to be new information and will be disregarded. There will be no change permitted to any other Section of the Bidder's Bid. Information submitted in accordance with the requirements of this solicitation in response to the Notice will replace, in full, **only** that part of the original Financial Bid as is permitted above, and will be used for the remainder of the bid evaluation process.

- (h) Canada will determine whether the Financial Bid is responsive to the requirements reviewed at Phase I, considering such additional information or clarification as may have been provided by the Bidder in accordance with this Section. If the Financial Bid is not found responsive for the requirements reviewed at Phase I to the satisfaction of Canada, then the Bid shall be considered non-responsive and will receive no further consideration.
- (i) Only Bids found responsive to the requirements reviewed in Phase I to the satisfaction of Canada, will receive a Phase II review.

#### **4.1.1.3 (2018-03-13) Phase II: Technical Bid**

- (a) Canada's review at Phase II will be limited to a review of the Technical Bid to identify any instances where the Bidder has failed to meet any Eligible Mandatory Criterion. This review will not assess whether the Technical Bid meets any standard or is responsive to all solicitation requirements. Eligible Mandatory Criteria are all mandatory technical criteria that are identified in this solicitation as being subject to the PBCP. Mandatory technical criteria that are not identified in the solicitation as being subject to the PBCP, will not be evaluated until Phase III.
- (b) Canada will send a written notice to the Bidder (Compliance Assessment Report or "CAR") identifying any Eligible Mandatory Criteria that the Bid has failed to meet. A Bidder whose Bid has been found responsive to the requirements that are reviewed at Phase II will receive a CAR that states that its Bid has been found responsive to the requirements reviewed at Phase II. Such Bidder shall not be entitled to submit any response to the CAR.
- (c) A Bidder shall have the period specified in the CAR (the "Remedy Period") to remedy the failure to meet any Eligible Mandatory Criterion identified in the CAR by providing to Canada in writing additional or different information or clarification in response to the CAR. Responses received after the end of the Remedy Period will not be considered by Canada, except in circumstances and on terms expressly provided for in the CAR.
- (d) The Bidder's response must address only the Eligible Mandatory Criteria listed in the CAR as not having been achieved, and must include only such information as is necessary to achieve such compliance. Any additional

information provided by the Bidder which is not necessary to achieve such compliance will not be considered by Canada, except that, in those instances where such a response to the Eligible Mandatory Criteria specified in the CAR will necessarily result in a consequential change to other parts of the

Bid, the Bidder shall identify such additional changes, provided that its response must not include any change to the Financial Bid.

- (e) The Bidder's response to the CAR should identify in each case the Eligible Mandatory Criterion in the CAR to which it is responding, including identifying in the corresponding section of the original Bid, the wording of the proposed change to that section, and the wording and location in the Bid of any other consequential changes that necessarily result from such change. In respect of any such consequential change, the Bidder must include a rationale explaining why such consequential change is a necessary result of the change proposed to meet the Eligible Mandatory Criterion. It is not up to Canada to revise the Bidder's Bid, and failure of the Bidder to do so in accordance with this subparagraph is at the Bidder's own risk. All submitted information must comply with the requirements of this solicitation.
- (f) Any changes to the Bid submitted by the Bidder other than as permitted in this solicitation, will be considered to be new information and will be disregarded. Information submitted in accordance with the requirements of this solicitation in response to the CAR will replace, in full, **only** that part of the original Bid as is permitted in this Section.
- (g) Additional or different information submitted during Phase II permitted by this section will be considered as included in the Bid, but will be considered by Canada in the evaluation of the Bid at Phase II only for the purpose of determining whether the Bid meets the Eligible Mandatory Criteria. It will not be used at any Phase of the evaluation to increase any score that the original Bid would achieve without the benefit of such additional or different information. For instance, an Eligible Mandatory Criterion that requires a mandatory minimum number of points to achieve compliance will be assessed at Phase II to determine whether such mandatory minimum score would be achieved with such additional or different information submitted by the Bidder in response to the CAR. If so, the Bid will be considered responsive in respect of such Eligible Mandatory Criterion, and the additional or different information submitted by the Bidder shall bind the Bidder as part of its Bid, but the Bidder's original score, which was less than the mandatory minimum for such Eligible Mandatory Criterion, will not change, and it will be that original score that is used to calculate any score for the Bid

- (h) Canada will determine whether the Bid is responsive for the requirements reviewed at Phase II, considering such additional or different information or clarification as may have been provided by the Bidder in accordance with this Section. If the Bid is not found responsive for the requirements reviewed at Phase II to the satisfaction of Canada, then the Bid shall be considered non-responsive and will receive no further consideration.
- (i) Only Bids found responsive to the requirements reviewed in Phase II to the satisfaction of Canada, will receive a Phase III evaluation.

#### **4.1.1.4 (2018-03-13) Phase III: Final Evaluation of the Bid**

- (a) In Phase III, Canada will complete the evaluation of all Bids found responsive to the requirements reviewed at Phase II. Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) A Bid is non-responsive and will receive no further consideration if it does not meet all mandatory evaluation criteria of the solicitation.

### **4.1.2 Technical Evaluation**

#### **4.1.2.1 Mandatory Technical Evaluation Criteria**

- a) Bidders must demonstrate their compliance with all technical evaluation criteria detailed in Annex "C" - Technical Evaluation Matrix, 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.
- c) **The Phased Bid Compliance Process will apply to all mandatory technical criteria.**

### **4.1.3 Mandatory Financial Evaluation Criteria**

**4.1.3.1** Bidders must provide, with their bid, the financial information requested in the bid solicitation and at Annex A - Pricing for items 001 to 023.

**4.1.3.2** 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 to 018 and optional quantity item 019, Canadian dollars for maintenance and operator instructions/training (option) items 020 to 023. Canadian Custom Duties and Excise Taxes included where applicable, and Applicable Taxes are extra.

#### **4.1.3.3 Aggregate Evaluated Price**

Bids will be evaluated on an aggregate price basis for the firm quantity, the optional quantity and the maintenance and operator instructions/training (option).

**4.1.3.4** 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.

**4.1.3.5** 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).

**4.1.3.6** The firm unit price for the English, French, maintenance and operator instructions/training (option) will be averaged.

To determine the average price for the maintenance and operator /training (option), calculation will be as follows;

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

b) The sum will be divided by four (4).

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

- a) The average price for the optional quantity obtained in 4.1.3.5 (b) above will be multiplied by the total estimated optional quantity identified;
- b) The average price for the maintenance and operator instructions/training (option) obtained in 4.1.3.6 (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 4.1.3.4 (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 Integrity Provisions – Required Documentation**

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real property agreement of the [Ineligibility and Suspension Policy](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html) (<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.

Canada will also have the right to terminate the Contract for default if a Contractor, or any member of the Contractor if the Contractor is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](#)" list during the period of the Contract.

The Bidder must provide the Contracting Authority with a completed Annex "E" titled "Federal Contractors Program for Employment Equity – Certification", before contract award. If the Bidder is a Joint Venture, the Bidder must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification, for each member of the Joint Venture.

## 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

### 5.2.3.1 Clause D5540C “ISO 9001:2015 - Quality Management Systems (QAC Q)” – Certification – For items 001 to 019.

The Bidder certifies that it meets, and will continue to meet throughout the duration of the contract, all requirements of clause D5540C “ISO 9001:2008 - Quality Management Systems (QAC Q)” found in Part 6.

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

\_\_\_\_\_  
Date

### 5.2.3.3 General Environmental Criteria Certification

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

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

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

\_\_\_\_\_  
Date

**Or**

- c) 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.

<b>Green Practices within the Bidders' organization</b>	<b>Insert a checkmark for each criterion that is met</b>
Promotes a paperless environment through directives, procedures and/or programs	

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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 Quantity eighteen (18), On-Scene Control and Emergency Response (OSCER) vehicles and ancillary items as described in Annex "A" - Pricing and in accordance with Annex "B" - Purchase Description OSCER.
- 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) (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 (2020-05-28) 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:

At subsection 1, delete the following: "The warranty period will be twelve (12) months" and replace with the following:

- i. 10 years on the OSCER Body;
- ii. 5 years for the OSCER conversion;

- iii. 5 years for the electrical system;
- iv. 2 years for sub components;
- v. 2 years for paint; and
- vi. OEM standard warranty for cab and chassis.

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 - quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle 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 - quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and ancillary items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 003 - quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and ancillary items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 004 - quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and ancillary items must be delivered on or before \_\_\_\_\_ (Date to

be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 005 - quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and ancillary items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 006 - quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and ancillary items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 007 - quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and ancillary items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 008 - quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and ancillary items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 009 - quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and ancillary items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 010 - quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and ancillary items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 011 - quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and ancillary items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 012 - quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and ancillary items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 013 - quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and ancillary items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 014 - quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and ancillary items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 015 - quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and ancillary items must be delivered on or before \_\_\_\_\_ (Date to be

inserted by PWGSC the Contracting Authority at time of contract award.)

Item 016 - quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and ancillary items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 017 - quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle and ancillary items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 018 - quantity one (1), On-Scene Control and Emergency Response (OSCER) vehicle 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 019 – Up to quantity four (4) On-Scene Control and Emergency Response (OSCER) vehicle 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: Neil Pearson  
Title: Supply Specialist  
Organization: Public Works and Government Services Canada - Acquisitions Branch  
Industrial Products and Vehicles Procurement Directorate (IPVPD),  
Vehicles and Industrial Products Division - HP,  
140 O'Connor Street, Ottawa, ON, K1A 0S5  
Telephone: 613-462-6793  
E-mail: neil.pearson@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 Quality Assurance Authority

The National Defence Quality Assurance Authority is:

Name: \_\_\_\_\_ *(To be inserted by PWGSC at time of contract award.)*

Title: \_\_\_\_\_

Organization: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Telephone: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

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

DQA is the Quality Assurance Authority of the Department of National Defence for whom the work is being carried out under this Contract. DQA is responsible to monitor the Supplier's Quality Management System to provide confidence that the Supplier has the ability to fulfill the quality requirements in the contract.

#### 6.4.5 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: \_\_\_\_\_

#### 6.4.6 After Sales Service

The following dealer and/or agent is authorized to provide after sales service, maintenance and warranty repairs and a full range of repair parts for the vehicle/equipment offered:

##### Item 001

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

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

Solicitation No. - N° de l'invitation  
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Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur  
hp912

Client Ref. No. - N° de réf. du client  
W8476-226514

File No. - N° du dossier  
hp912.W8476-226514

CCC No./N° CCC - FMS No/ N° VME

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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

**Item 003**

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

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

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

**Item 004**

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

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

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

**Item 005**

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

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

Solicitation No. - N° de l'invitation  
W8476-226514/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur  
hp912

Client Ref. No. - N° de réf. du client  
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Distance between the delivery location and the dealer and/or agent: \_\_\_\_\_ km

**Item 006**

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

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

\_\_\_\_\_

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

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

**Item 007**

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

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

\_\_\_\_\_

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

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

**Item 008**

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

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

\_\_\_\_\_

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

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

**Item 009**

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

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

\_\_\_\_\_

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

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

**Item 010**

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

Solicitation No. - N° de l'invitation  
W8476-226514/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur  
hp912

Client Ref. No. - N° de réf. du client  
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File No. - N° du dossier  
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Address: \_\_\_\_\_  
\_\_\_\_\_

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

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

**Item 011**

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

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

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

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

**Item 012**

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

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

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

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

**Item 013**

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

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

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

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

**Item 014**

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

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

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

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

**Item 015**

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

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

\_\_\_\_\_

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

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

**Item 016**

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

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

\_\_\_\_\_

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

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

**Item 017**

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

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

\_\_\_\_\_

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

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

**Item 018**

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 prices in accordance with Annex A - Pricing, in Canadian dollars, Delivered Duty unpaid, Incoterms 2000, at final destination identified in Annex "A" Pricing, excluding Custom Duties and Excise Taxes where applicable, applicable Taxes extra if applicable.

- a) Canada will make milestone payments in accordance with the Schedule Of Milestones detailed in the Contract and the payment provisions of the Contract if:
- b) an accurate and complete claim for payment using PWGSC-TPSGC 1111, Claim for Progress Payment, and any other document required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- c) all the certificates appearing on form PWGSC-TPSGC 1111 have been signed by the respective authorized representatives;
- d) all work associated with the milestone and as applicable any deliverable required has been completed and accepted by Canada.
- e) The schedule of milestones for which payments will be made in accordance with the Contract is as follows:

Miletsone	Deliverable	Amount	Due Date
1	Documented arrival of Base vehicle to Manufacturers Facility for Annex A Items 001 to 019.	20% of Firm Unit price indicated in Annex A Pricing for each item claimed.	
2	Delivery of vehicle to final destination as identified in Annex A pricing for Items 001 to 019.	70% of Firm Unit price indicated in Annex A Pricing for each Item claimed.	
3	Delivery of all logistics items identified in Annex B Purchase Description paragraph 4 inclusive for Items 001 to 019.	10% of Firm Unit price indicated in Annex A Pricing for each Item claimed.	

- f) Canada will not pay the Contractor for any design changes, modifications or

interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

g) The price paid will be adjusted in accordance with the exchange rate Fluctuation provision (as applicable).

### **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).

### **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).

## **6.5.2 Electronic Payment of Invoices – Contract (if applicable)**

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 Invoicing Instructions - Progress Payment Claim - Basis of Payment (BOP) Type 1**

6.6.1.1 The Contractor must submit a claim for payment using form PWGSC-TPSGC 1111, Claim for Progress Payment.

Each claim must show:

- (a) all information required on form PWGSC-TPSGC 1111;
- (b) all applicable information detailed under the section entitled "Invoice Submission" of the general conditions;
- (c) the description and value of the milestone claimed as detailed in the Contract.
- (d) copies of supporting documentation to support milestone payment

6.6.1.2. Applicable taxes extra, if applicable.

6.6.1.3. The Contractor must prepare and certify the claim on form PWGSC-TPSGC 1111, and forward it to the Technical Authority identified under the section entitled "Authorities" of the Contract for appropriate certification after inspection and acceptance of the Work takes place. Contractors are requested to provide the claim in electronic format unless otherwise specified by the Contracting Authority or Technical Authority, thereby reducing printed material.

The technical Authority will then forward the claim to the Contracting Authority for certification and onward submission to the Procurement Authority for the remaining certification and payment action.

6.6.1.4. The Contractor must not submit claims until all work identified in the claim is completed.

## **6.6.2 Invoicing Instructions - Basis of Payment (BOP) Type 2 and Type 3**

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

6.6.2.2 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.

## **6.7. 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.

### **6.7.2 Federal Contractors Program for Employment Equity - Default by the Contractor**

The Contractor understands and agrees that, when an Agreement to Implement Employment Equity (AIEE) exists between the Contractor and Employment and Social Development Canada (ESDC)-Labour, the AIEE must remain valid during the entire period of the Contract. If the AIEE becomes invalid, the name of the Contractor will be added to the "[FCP Limited Eligibility to Bid](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#s4)" list (https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#s4) The imposition of such a sanction by ESDC will constitute the Contractor in default as per the terms 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 (2020-05-28) General Conditions - Goods (Medium Complexity);
- (c) Annex "A" - Pricing;
- (d) Annex "B" - Purchase Description – OSCER;
- (e) Annex "C" - Technical Evaluation Matrix – OSCER;
- (f) Annex "E", Federal Contractors Program for Employment Equity - Certification ;
- (g) 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
D5510C	Quality Assurance Authority (Department of National Defence) - Canadian-based Contractor	2017-08-17
D5515C	Quality Assurance Authority (DND) - Foreign-based and United States Contractor	2010-01-11

D5540C	ISO 9001:2015 Quality Management Systems - Requirements (QAC Q)	2021-05-20
D5604C	Release Documents - Foreign based Contractor	2008-12-12
D5605C	Release Documents - US based Contractors	2021-05-20
D5606C	Release Documents - Canadian-based Contractors	2017-11-28
D9002C	Incomplete Assemblies	2007-11-30
G1005C	Insurance	2016-01-28
B4061C	North Atlantic treaty Organization Codification Data requirements	2008-05-12

## 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. 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 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 0K2  
Attention: \_\_\_\_\_
- 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 0K2  
*E-mail: [ContractAdmin.DQA@forces.gc.ca](mailto:ContractAdmin.DQA@forces.gc.ca).*

## 6.15 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.

## 6.16 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.

### **6.17 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.

### **6.18 Material**

Material supplied must be new unused and of current production by manufacturer. (2021 model-year or newer).

### **6.19 Design Changes**

The "Design Change, Design Deviation and Waiver Procedure" as defined in National Defence Standard D-02-006-008/SG-001 must apply.

### **6.20 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.

### **6.21 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.

### **6.22 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.

## 6.23 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)*

## 6.24 Dispute Resolution

- (a) The parties agree to maintain open and honest communication about the Work throughout and after the performance of the contract.
- (b) The parties agree to consult and co-operate with each other in the furtherance of the contract and promptly notify the other party or parties and attempt to resolve problems or differences that may arise.
- (c) If the parties cannot resolve a dispute through consultation and cooperation, the parties agree to consult a neutral third party offering alternative dispute resolution services to attempt to address the dispute.
- (d) Options of alternative dispute resolution services can be found on Canada's Buy and Sell website under the heading "Dispute Resolution".

## ANNEX "A" - PRICING

### Item 001 ON-SCENE CONTROL AND EMERGENCY RESPONSE (OSCER) (Firm Quantity)

The Contractor must deliver the vehicle/equipment including the sample manuals, CD of all approved manuals, data summary, photographs, dimensioned drawing, warranty letter(s), preventative maintenance replacement parts kit list, recommended spare parts list, special tools list, Cataloguing Information, Safety Recalls and Servicing Data and Maintenance and operator training in **French** in accordance with the attached Annex "B" - Purchase Description – OSCER.

The OSCER vehicle and ancillary items must be delivered to:

3 Ere BFC Bagotville  
BFC Bagotville  
Major Equipment Section  
BAGOTVILLE QC G0V 1A0

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 ON-SCENE CONTROL AND EMERGENCY RESPONSE (OSCER) (Firm Quantity)

The Contractor must deliver the vehicle/equipment including the manuals and warranty letters and Maintenance and operator training in English in accordance with the attached Annex "B" - Purchase Description – OSCER.

The OSCER vehicle and ancillary items must be delivered to:

4 WING COLD LAKE  
Major Equipment Section  
SUP FLT BLDG 171  
COLD LAKE, AB T9M 2C6

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 003 ON-SCENE CONTROL AND EMERGENCY RESPONSE (OSCER)  
(Firm Quantity)**

The Contractor must deliver the vehicle/equipment including the manuals and warranty letters and Maintenance and operator training in English in accordance with the attached Annex "B" - Purchase Description – OSCER.

The OSCER vehicle and ancillary items must be delivered to:

8 WG TRENTON  
Major Equipment Section  
46 PORTAGE DR, BLDG 162  
TRENTON ON K0K 3W0

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 004 ON-SCENE CONTROL AND EMERGENCY RESPONSE (OSCER)  
(Firm Quantity)**

The Contractor must deliver the vehicle/equipment including the manuals and warranty letters and Maintenance and operator training in English in accordance with the attached Annex "B" - Purchase Description – OSCER.

The OSCER vehicle and ancillary items must be delivered to:

14 WG GREENWOOD  
Major Equipment Section  
CFB Greenwood  
Greenwood NS B0P 1N0

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 005 ON-SCENE CONTROL AND EMERGENCY RESPONSE (OSCR)**  
**(Firm Quantity)**

The Contractor must deliver the vehicle/equipment including the manuals and warranty letters and Maintenance and operator training in English in accordance with the attached Annex "B" - Purchase Description – OSCER.

The OSCER vehicle and ancillary items must be delivered to:

17 WG WINNIPEG  
Major Equipment Section  
Bldg 129, Logistics Bldg, Door 13  
WINNIPEG MB R3J 3Y5

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 006 ON-SCENE CONTROL AND EMERGENCY RESPONSE (OSCR)**  
**(Firm Quantity)**

The Contractor must deliver the vehicle/equipment including the manuals and warranty letters and Maintenance and operator training in English in accordance with the attached Annex "B" - Purchase Description – OSCER.

The OSCER vehicle and ancillary items must be delivered to:

19 WG COMOX  
Major Equipment Section  
COMOX BC V0R 2K0

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 007 ON-SCENE CONTROL AND EMERGENCY RESPONSE (OSKER)  
(Firm Quantity)**

The Contractor must deliver the vehicle/equipment including the manuals and warranty letters and Maintenance and operator training in English in accordance with the attached Annex "B" - Purchase Description – OSCER.

The OSCER vehicle and ancillary items must be delivered to:

CFB SUP HALIFAX  
Major Equipment Section  
HMC Dockyard  
Bldg D-206 Door 1 thru 13  
Halifax NS B3K 5X5

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 008 ON-SCENE CONTROL AND EMERGENCY RESPONSE (OSCER)  
(Firm Quantity)**

The Contractor must deliver the vehicle/equipment including the manuals and warranty letters and Maintenance and operator training in English in accordance with the attached Annex "B" - Purchase Description – OSCER.

The OSCER vehicle and ancillary items must be delivered to:

ATESS Trenton  
8 WG TRENTON  
Major Equipment Section  
46 PORTAGE DR, BLDG 162  
TRENTON ON K0K 3W0

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 009 ON-SCENE CONTROL AND EMERGENCY RESPONSE (OSCER)  
(Firm Quantity)**

The Contractor must deliver the vehicle/equipment including the manuals and warranty letters and Maintenance and operator training in English in accordance with the attached Annex "B" - Purchase Description – OSCER.

The OSCER vehicle 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 010 ON-SCENE CONTROL AND EMERGENCY RESPONSE (OSCER)  
(Firm Quantity)**

The Contractor must deliver the vehicle/equipment including the manuals and warranty letters and Maintenance and operator training in English in accordance with the attached Annex "B" - Purchase Description – OSCER.

The OSCER vehicle and ancillary items must be delivered to:

CFB BORDEN  
Major Equipment Section  
Bldg O-111  
Borden ON L0M 1C0

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 011 ON-SCENE CONTROL AND EMERGENCY RESPONSE (OSCER)  
(Firm Quantity)**

The Contractor must deliver the vehicle/equipment including the manuals and warranty letters and Maintenance and operator training in **French** in accordance with the attached Annex "B" - Purchase Description – OSCER.

The OSCER vehicle and ancillary items must be delivered to:

BFC USS VALCARTIER

Section d'équipement majeur  
BAT. 188 ( PON COMB)  
GARNISON VALCARTIER  
COURCELETTE QC G0A 4Z0

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 012 ON-SCENE CONTROL AND EMERGENCY RESPONSE (OSCER)  
(Firm Quantity)**

The Contractor must deliver the vehicle/equipment including the manuals and warranty letters and Maintenance and operator training in **French** in accordance with the attached Annex "B" - Purchase Description – OSCER.

The OSCER vehicle and ancillary items must be delivered to:

OSCER ST Hubert  
BFC USS VALCARTIER  
Section d'équipement majeur  
BAT. 188 ( PON COMB)  
GARNISON VALCARTIER  
COURCELETTE QC G0A 4Z0

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 013 ON-SCENE CONTROL AND EMERGENCY RESPONSE (OSCER)  
(Firm Quantity)**

The Contractor must deliver the vehicle/equipment including the manuals and warranty letters and Maintenance and operator training in English in accordance with the attached Annex "B" - Purchase Description – OSCER.

The OSCER vehicle and ancillary items must be delivered to:

CFB EDMONTON  
Major Equipment Section  
Replenishment Company (CMTT)  
107 Street & 137 Avenue Bldg C8  
EDMONTON AB T5J 4J5

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 014 ON-SCENE CONTROL AND EMERGENCY RESPONSE (OSCER)  
(Firm Quantity)**

The Contractor must deliver the vehicle/equipment including the manuals and warranty letters and Maintenance and operator training in English in accordance with the attached Annex "B" - Purchase Description – OSCER.

The OSCER vehicle and ancillary items must be delivered to:

CFB PETAWAWA  
Major Equipment Section  
PETAWAWA ON K8H 2X3

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 015 ON-SCENE CONTROL AND EMERGENCY RESPONSE (OSCER)  
(Firm Quantity)**

The Contractor must deliver the vehicle/equipment including the manuals and warranty letters and Maintenance and operator training in English in accordance with the attached Annex "B" - Purchase Description – OSCER.

The OSCER vehicle and ancillary items must be delivered to:

CFB Gagetown  
3 ASG GAGETOWN SUPPLY COMPANY  
Major Equipment Section  
BLDG B10  
Oromocto, NB E2V 4J5

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 016 ON-SCENE CONTROL AND EMERGENCY RESPONSE (OSCER)  
(Firm Quantity)**

The Contractor must deliver the vehicle/equipment including the manuals and warranty letters and Maintenance and operator training in English in accordance with the attached Annex "B" - Purchase Description – OSCER.

The OSCER vehicle and ancillary items must be delivered to:

5 Wing Goose Bay  
Major Equipment Section  
Base Supply  
Goose Bay, NL A0P 1S0

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 017 ON-SCENE CONTROL AND EMERGENCY RESPONSE (OSCER)  
(Firm Quantity)**

The Contractor must deliver the vehicle/equipment including the manuals and warranty letters and Maintenance and operator training in English in accordance with the attached Annex "B" - Purchase Description – OSCER.

The OSCER vehicle and ancillary items must be delivered to:

9 WG GANDER  
Major Equipment Section  
CFS Gander  
Gander NF A1X 1X1

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 018 ON-SCENE CONTROL AND EMERGENCY RESPONSE (OSCER)  
(Firm Quantity)**

The Contractor must deliver the vehicle/equipment including the manuals and warranty letters and Maintenance and operator training in English in accordance with the attached Annex "B" - Purchase Description – OSCER.

The OSCER vehicle and ancillary items must be delivered to:

15 Wing Moose Jaw  
Bldg 143, Door 13  
Moose Jaw, SK  
S6H 7Z8

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 019 ON-SCENE CONTROL AND EMERGENCY RESPONSE (OSKER)  
(Optional Quantity)**

If this option is exercised, the Contractor must deliver the vehicle/equipment including manuals and warranty letters in accordance with the attached Annex "B" - Purchase Description – OSKER.

**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 four (4)

### **Item 020 Maintenance instructions/training - English (Option)**

If this option is exercised, the Contractor must provide maintenance instruction/training, in accordance with the attached Annex "B"- Purchase Description – OSCER

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 four (4)

### **Item 021 Maintenance instructions/training - French (Option)**

If this option is exercised, the Contractor must provide maintenance instruction/training, in accordance with the attached Annex "B"- Purchase Description – OSCER

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 four (4)

### **Item 022 Operator instructions/training - English (Option)**

If this option is exercised, the Contractor must provide operator instruction/training, in accordance with the attached Annex "B"- Purchase Description – OSCER

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 four (4)

### **Item 023 Operator instructions/training - French (Option)**

If this option is exercised, the Contractor must provide operator instruction/training, in accordance with the attached Annex "B"- Purchase Description – OSCER

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 four (4)

## **Item 024 Travel and Living for Instruction/Training (Option)**

***(Item 024 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*) 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 four (4)

## **ANNEX “D” 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)

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## ANNEX "E" TO PART 5 OF THE BID SOLICITATION

### FEDERAL CONTRACTORS PROGRAM FOR EMPLOYMENT EQUITY - CERTIFICATION

I, the Bidder, by submitting the present information to the Contracting Authority, certify that the information provided is true as of the date indicated below. The certifications provided to Canada are subject to verification at all times. I understand that Canada will declare a bid non-responsive, or will declare a contractor in default, if a certification is found to be untrue, whether during the bid evaluation period or during the contract period. Canada will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply with any request or requirement imposed by Canada may render the bid non-responsive or constitute a default under the Contract.

For further information on the Federal Contractors Program for Employment Equity visit [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>).

Date: \_\_\_\_\_ (YYYY/MM/DD) (If left blank, the date will be deemed to be the bid solicitation closing date.)

Complete both A and B.

A. Check only one of the following:

- A1. The Bidder certifies having no work force in Canada.
- A2. The Bidder certifies being a public sector employer.
- A3. The Bidder certifies being a [federally regulated employer](https://www.canada.ca/en/employment-social-development/programs/employment-equity/regulated-industries.html) (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/regulated-industries.html>) being subject to the [Employment Equity Act](http://laws-lois.justice.gc.ca/eng/acts/E-5.401/) (<http://laws-lois.justice.gc.ca/eng/acts/E-5.401/>).
- A4. The Bidder certifies having a combined work force in Canada of less than 100 employees (combined work force includes: permanent full-time, permanent part-time and temporary employees [temporary employees only includes those who have worked 12 weeks or more during a calendar year and who are not full-time students]).

A5. The Bidder has a combined workforce in Canada of 100 or more employees; and

A5.1. The Bidder certifies already having a valid and current [Agreement to Implement Employment Equity \(AIEE\)](#) in place with ESDC - Labour.

**OR**

A5.2. The Bidder certifies having submitted the [Agreement to Implement Employment Equity \(LAB1168\)](#) to ESDC – Labour (<https://catalogue.servicecanada.gc.ca/content/EForms/en/Detail.html?Form=LAB1168>). As this is a condition to contract award, proceed to completing the form Agreement to Implement Employment Equity (LAB1168), duly signing it, and transmit it to ESDC C-Labour.

B. Check only one of the following:

B1. The Bidder is not a Joint Venture.

**OR**

B2. The Bidder is a Joint Venture and each member of the Joint Venture must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification. (Refer to the Joint Venture section of the Standard Instructions)



## ANNEX B

# PURCHASE DESCRIPTION

## FOR

# ON-SCENE CONTROL AND EMERGENCY RESPONSE (OS CER) VEHICLE



### 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.

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## 1. SCOPE

### 1.1 Scope

- a) This Purchase Description covers a 4x4 vehicle, diesel engine driven, four (4) person cab with communications workstation accommodation for up to two (2) operators and (2) persons at the rear body of the vehicle.

### 1.2 Instructions

- 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 or 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

- a) "**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 **equivalency** for the respective requirement is provided for evaluation.
- b) "**Vehicle**" – The entire vehicle including all systems and sub-systems, in a complete manufactured state in accordance with the requirements in this Purchase Description.
- c) "**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.
- d) "**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.
- e) "**Gross Vehicle Weight Rating (GVWR)**" - The value specified by the vehicle manufacturer as the loaded weight of a single vehicle.

#### **1.4 Government Supplied Materiel (GSM)**

- a) The Department of National Defence will supply two (2) Motorola APX 8500 mobile radio transceiver for each vehicle including control heads. The vehicle design **must** integrate two (2) Motorola APX 8500 mobile radio transceiver located at the rear of the vehicle.
- b) The Department of National Defence will supply one (1) Motorola APX 8000 handheld portable radio for each vehicle to be used by the On Scene Controller when away from the vehicle. The vehicle design **must** integrate storage and charging of the Motorola APX 8000 in the On-Scene Control and Emergency Response (OSCER) Vehicle rear compartment of the vehicle.
- c) The Department of National Defence will supply five (5) Motorola APX 6000 handheld portable radios for each vehicle. The vehicle design **must** integrate storage and charging of the Motorola APX 6000 in the OSCER rear compartment of the vehicle.
- d) The Department of National Defence will supply one (1) General Dynamics URC-200 (V2) PMB-100 (V2) mobile radio transceiver for each vehicle. The vehicle design **must** install and integrate one (1) General Dynamics URC-200 (V2) PMB-100 (V2) mobile radio transceiver in the OSCER body as per manufacturer's recommendations.
- e) The Department of National Defence will supply one (1) General Dynamics URC200 PBP-200 (V2) backpack radio transceiver for each vehicle. The vehicle design **must** integrate one (1) General Dynamics URC200 PBP-200 (V2) backpack radio transceiver for each vehicle.
- f) The Department of National will supply the two (2) Motorola "O2" control heads for each vehicles, The vehicle design **must** integrate two (2) Motorola "O2" control heads for each vehicles.
- g) The Department of National Defence will supply the control head for the General Dynamics PMB-100 (V2) mobile configuration for each vehicle.

## **2. APPLICABLE DOCUMENTS**

### **2.1 Government Furnished Documents**

- a) Canadian Forces Technical Order (CFTO) C-55-040-001/TS-002, Radio Frequency Safety Standards and Requirements.

### **2.2 Applicable Documents**

- a) The following documents form part of this Purchase Description. Canada will not be supplying these documents. Sources are as shown:

**Canadian Occupational Health and Safety Regulations (COHSR)**

**Hazardous Products Act, Government of Canada, Department of Justice**

**Motor Vehicle Safety Regulations (MVSR)**

**CAN/CGSB 3.517 - Diesel Fuel**

**MIL-STD-461 Electromagnetic Interference Characteristic Requirements for Equipment**

**MIL-STD-462 Measurement of Electromagnetic Interference Characteristic  
The International Standards Organizations (ISO)**

**Advisory Circulars 300 Series** – Aerodromes and Airports (for additional information and guidance only)

**3. REQUIREMENTS**

**3.1 Standard Design**

- a) **Latest Model** - The vehicle design **must** be the manufacturer's latest model.
- b) **Industry Acceptability** - The vehicle design **must** have demonstrated industry acceptability by having been manufactured and sold commercially for at least 2 years, 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.
- c) **Engineering Certification** - Original manufacturers engineering certification **must** be provided upon request for major drive train components, and major equipment systems and assemblies, to demonstrate that assemblies are used within their design limitations.
- d) **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.
- e) **Published Ratings** - The vehicle **must** have system and component capacities **equivalent** to published ratings (i.e. product or component brochures).
- f) **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.
- g) **Spare Parts** - The manufacturer **must** select components readily available for a minimum period of 10 years from the date of manufacture.
- h) **Measurements** – Values for labels and indicators provided with equipment **must** be presented in metric units, or **must** have both imperial and metric units with metric dominant.
- i) **Foreign Object Debris (FOD)** - To prevent FOD, all loose metal parts **must** be securely attached to the vehicle with wire lanyards. If removable panels are provided, they **must** be attached with captive fasteners.

**3.1.1 Maintainability**

- a) The vehicle **must** be designed to permit access to all items required for servicing and maintenance.

## **3.2 Operating Conditions**

### **3.2.1 Weather**

- a) The vehicle **must** operate under the extremes of weather conditions found in Canada in temperatures ranging from -40 to 40° C (-40 to 104° F)

### **3.2.2 Terrain**

- a) The vehicle **must** operate on highways, gravel roads and unimproved bush trails.
- b) The vehicle **must** operate in terrain conditions that include year-round snow, mud, 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 completed 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.
- c) The vehicle **must** comply with Electromagnetic Interference (EMI) requirements described in CFTO C-55-040-001/TS-002, Radio Frequency Safety Standards and Requirements.

### **3.3.2 Human Factors Engineering**

- a) The vehicle, all systems, and components **must** comply with the relevant sections of the COHSR.
- b) The vehicle **must** be equipped, with warning and instruction plates, non-slip walking surfaces and heat shields, for operator safety.
- c) The vehicle **must** be equipped with interior grab handles and rails to assist the movement of people entering and exiting the vehicle.

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

### **3.4.1 Performance**

- a) The vehicle, at GVWR, **must** sustain a minimum top speed of 110 km/h on a level paved road, for 30 minutes.
- b) The vehicle **must** accelerate from 0 km/h to 90 km/h within 25 seconds.
- c) The vehicle **must** maintain a minimum speed of 90 km/h on at least a 3% grade.
- d) The vehicle **must** maintain a minimum speed of 8 km/h on at least a 30% grade.
- e) The vehicle **must** be stable at a 20% side slope while stationary and moving.

- f) The vehicle **must** have a minimum stationary rollover angle of 13.5 degrees in a normal vehicle operating configuration.
- g) The vehicle **must** have driver selectable modes:
  - i. Two wheel drive, high range;
  - ii. Four wheel drive, high range; and
  - iii. Four wheel drive, low range.

#### 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 and as defined in the *Motor Vehicle Safety Regulations (C.R.C., c. 1038)*.
- b) Axle loads **must** comply with all the provincial weight restrictions across Canada.
- c) The vehicle **must** have a payload capacity of at least 1150 kg.

#### 3.4.3 **Dimensions**

- a) The vehicle **must** have road legal dimensions across Canada.
- b) The maximum vehicle height **must** be a maximum of 4.00m measured from the ground.

### 3.5 **Engine**

- a) The engine **must** operate on ultra-low sulphur diesel fuel to the CAN/CGSB Standard 3.517.

#### 3.5.1 **Cold Weather Starting Aids**

- a) A low temperature engine starting aid **must** be provided to meet the operating conditions specified in Paragraph 3.2.
- b) A block heater, sized to meet the specified operating conditions **must** be provided.
- c) A 110-volt battery heater(s) **must** be provided.
- d) All cold weather aids **must** be powered through dedicated auto-eject shoreline receptacle(s).

#### 3.5.2 **Fuel Tank(s)**

- a) The fuel tank **must** have a fuel capacity that will provide the vehicle with a minimum 300 km, at GVWR, traveling over paved roads and have the capability of idling for six hours without refuelling.
- b) The vehicle **must** comply with the specifications for Hazards of Electromagnetic Radiation to Fuel (HERF) safety described in CFTO C-55-040-001/TS-002 Radio Frequency Safety Standards and Requirements.

- c) Fuels **must** not be inadvertently ignited by the system emitters and the external Electromagnetic Environment around the OSCER vehicle.

### 3.5.3 **Anti-Theft**

- a) The vehicle **must** be equipped with an anti-theft device that locks the steering and shifter, but allows the engine to keep running with all other mechanical and electrical functions operable, when the driver has removed the ignition key.

### 3.5.4 **Automatic Engine High-Idle Speed Control**

- a) The engine **must** be controlled by a system that is pre-set to increase the engine RPM (Revolutions Per Minute), upon activation, to sustain the vehicle's total continuous electrical load, and maximum heating/air conditioning output.
- b) The system **must** only operate when the transmission is in "PARK".
- c) The system **must** be activated automatically after parking brake is engaged and the engine has been allowed to idle for more than 5 minutes, or the battery voltage falls below 12.5 volts.
- d) The system **must** disengage when the operator presses the service brake.

### 3.6 **Transmission**

- a) The vehicle **must** be equipped with automatic drive transmission.
- b) The transmission **must** have an oil cooler.
- c) An audible back-up alarm **must** be installed to alert personnel that the vehicle transmission is in reverse.

### 3.7 **Braking System**

- a) The vehicle braking system **must** most hold the fully loaded vehicle on a 30 percent gradient.
- b) With the engine off the vehicle parking brake **must** hold the fully loaded vehicle on a 30 percent gradient for a minimum period of 60 minutes.

### 3.8 **Suspension System**

- a) The vehicle **must** be equipped with a heavy-duty suspension system.

### 3.9 **Steering**

- a) The vehicle **must** be provided with a power steering system.
- b) The steering system **must** be provided with a telescopic and tilting steering column.

### 3.10 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) All wheels **must** permit the use of tire chains.
- e) For each tire size provided, one full size spare tire assembly **must** be delivered with each vehicle.
- f) The spare wheel assembly and tools required to perform a tire change **must** be mounted and stored in a location on the vehicle which is accessible from the ground level.

### 3.11 Cab

- a) The vehicle **must** be equipped with a four (4) person weatherproof cab.
- b) A minimum of three (3) doors **must** be provided with power locks, be keyed alike.
- c) The vehicle cab portion side windows **must** be capable of being fully opened.
- d) A ventilation/heater and defrosting system **must** be provided, with a multi-speed fan, applicable for the operating conditions as specified in Paragraph 3.2.1.
- e) An air conditioning system **must** be provided equipped with all components and controls required for regulation of the cab interior temperature.
- f) A powered windshield washer system **must** be provided with multi-speed wipers.
- g) The cab floor or floor mats **must** be weatherproof.
- h) The cab floor **must** not be carpet.
- i) Two rotating interior sun visors **must** be installed.
- j) A back-up camera system **must** be installed in the cab.
- k) An AM/FM stereo radio with an auxiliary port **must** be provided.
  - i. An additional speaker installed near the operator's seats in the rear vehicle body.
  - ii. On/off and volume controls for the additional speaker located at the rear vehicle body.
- l) A commercial Global Positioning System (GPS), suitable for vehicle navigation **must** be provided with lifetime map updates.

- m) Two heavy-duty, powered and heated exterior side mirrors, with convex section, **must** be provided with in-cab controls. Power folding and telescopic side mirrors not required.
- n) 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.

#### 3.11.1 Cab Controls

- a) Each control **must** be permanently marked to identify the function, in bilingual or international symbols as defined by SAE J1362.
- b) Controls **must** not restrict the operator's field of view.
- c) Controls **must** provide adequate lighting for night time operations.
- d) Radios control **must** be provided.
- e) An exterior loud speaker controls **must** be provided.
- f) Cruise control **must** be provided.
- g) Driver and passenger power windows and power door locks **must** be provided.
- h) A back up warning signal control **must** be provided, for disabling the backup warning signal.
- i) Exterior amber beacon controls **must** be provided.

#### 3.11.2 Instruments

- a) Instruments **must** be metric and visible to the seated operator in all lighting conditions.
- b) Voltmeters to monitor the batteries **must** be provided.
- c) An engine coolant temperature indicator **must** be provided.
- d) An engine oil pressure indicator **must** be provided.
- e) An hour-meter **must** be provided.
- f) A fuel level indicator **must** be provided.
- g) A speedometer **must** be provided.
- h) An engine tachometer **must** be provided.
- i) Differential lock indicator **must** be provided.
- j) A door ajar warning indicator, indicating when rear body compartment or exterior compartments doors are open **must** be provided.

- k) A seat belt warning system, alerting the driver when restraints of occupied seats are not fastened **must** be provided.
- l) An exterior amber beacon light indicator **must** be provided.

### 3.11.3 Vehicle Cab Communication System

- a) The vehicle communication system **must** be provided with wiring leads, antennae mount, and space allocation for installation of a two-way radio. Two-way radio will be installed by Canada after vehicle delivery.
- b) An electrical power feed with fuse protection **must** be provided.
- c) A Public Address system and radio re-broad cast **must** be provided.
- d) A two-way intercom system for communication between the cab and OSCER body **must** be provided.

### 3.12 Chassis Accessories

- a) Front licence plate holder **must** be provided.
- b) Rear licence plate holder with LED light **must** be provided.
- c) A recovery towing hook **must** be provided at the front and rear of the vehicle.
- d) Mud flaps **must** be provided.
- e) Skids plate(s) **must** be provided on the underside of the vehicle to protect the engine and transmission from road debris.
- f) The front bumper **must** include metal structure to protect front portion of the vehicle including the grill and head lights.
- g) Running boards **must** be provided on each side of the cab.
- h) The vehicle **must** be provided with side brush rail protection for the front portion of the vehicle between the front bumper metal structure and the running boards. If an aftermarket part cannot be sourced, then manufacturer **must** custom build required part.
- i) Fenders **must** be provided, extending over all tires.

#### 3.12.1 Automatic Levelling System

- a) The vehicle **must** be provided with an automatic levelling system.
- b) The vehicle **must** be capable of being levelled when stationary.

### 3.13 OSCER Body

- a) The OSCER body structure **must** be constructed with aluminium.

#### 3.13.1 Interior Workstations

- b) Two (2) workstations with seating **must** be provided.
- c) The workstation seating **must** be capable of 180 degree rotation with a minimum locking capability at 90 degree increments relative to the workstation.
- d) Each workstation **must** be designed to accommodate user-provided satellite communication phone and accessories, laptop or tablet computer equipment and cellular phone with accessories.
- e) One (1) map and notice board minimum of 350mm x 600mm **must** be provided at each workstation.
- f) Two (2) foldable, permanently affixed seats or a two person bench **must** be provided.
- g) One (1) battery operated clock, with seconds display **must** be provided.
- h) One (1) combined carbon monoxide and smoke detector **must** be provided.

#### 3.13.2 Interior Shelving, Storage and Mounting

- a) Storage and shelving in the OSCER body **must** be made of aluminium.
- b) All interior storage **must** be integral to the vehicle or mounted in the vehicle.

#### 3.13.3 Interior Storage Requirements

- a) Interior shelving, storage and mounting **must** be provided for the integration of all components of the Trunked radio system.
- b) A minimum of 400mm x 100mm x 300mm of Interior storage for maps **must** be provided.
- c) A minimum of 300mm x 100mm x 300mm of interior storage for pens, papers and supplies **must** be provided.
- d) A minimum of one (1) cubic metre of interior storage space **must** be provided for publications or books.

#### 3.13.4 Interior OSCER Body Doors

- a) All interior doors **must** close securely, to avoid unwanted opening in transit or as a result of a vehicle collision.

#### 3.13.5 OSCER Body Floor

- a) The OSCER body floor **must** be at the lowest level permitted by the chassis/body.
- b) The OSCER body floor **must** withstand a distributed load of 735 kg/m<sup>2</sup>.
- c) The OSCER body floor **must** be bonded to the sub-floor with a waterproof adhesive.

- d) The OSCER body floor material **must** be fireproof no wax type, mark resistant and scuff proof safety flooring.
- e) All floor level mouldings, edging and trim **must** be sealed to prevent liquids from seeping under cabinets, walls, etc.

#### 3.13.6 **OSCER Body Controls**

- a) An amber beacon light activation switch **must** be provided.
- b) An exterior loud speaker controls **must** be provided.
- c) The following controls **must** be provided at a minimum one (1) of the OSCER body work station:
  - i. The shelter interior light;
  - ii. The vehicle perimeter lights;
  - iii. The radios (if in shelter rack);
  - iv. The generator and shore power connectivity.
- d) The following display **must** be provided at one (1) of the OSCER body work station:
  - i. 120 VAC power factor for both generator and shore power;
  - ii. Auxiliary battery or batteries state of charge.
- e) A thermostat **must** be provided to control the temperature in the OSCER body.

#### 3.13.7 **Climate Control**

- a) The OSCER body **must** be equipped with a climate control system.
- b) The climate control system **must** have a range of adjustment for comfort in all crew positions while simultaneously providing cooling or heating for auxiliary equipment while the OSCER vehicle is deployed in the environment defined in section 3.2.
- c) The climate control system **must** be adequately shielded for noise so that it does not interfere with verbal communications in the vehicle.
- d) The OSCER body temperature range **must** be a minimum of 20 to 25°C.

#### 3.13.8 **OSCER Body Exterior**

- a) The OSCER body **must** have surfaces, edges, corners, and joints sealed from exposure to fluid with a waterproof bonding material.
- b) The OSCER body exterior **must** be constructed of aluminium.

- c) The OSCER body exterior **must** prevent electrolytic action between dissimilar metals and materials.
- d) A rain gutter **must** be provided to permit rain run-off at the body corners.
- e) The OSCER body exterior **must** incorporate an overhead protection area to accommodate at least twelve (12) people standing on the right side of the vehicle with overhead protection against rain and sun.

#### 3.13.9 **Exterior OSCER Body Doors**

- a) A curb-side exit door **must** be provided in the OSCER body, with a vented window equipped with a lock and screen.
- b) The OSCER Body **must** have an emergency secondary exit, which can be a door or window.
- c) Compartment doors **must** be provided on the sides of the OSCER body.
- d) All OSCER body doors **must**:
  - i. Prevent ingress of water, dust, or debris;
  - ii. Have "hold-open" devices;
  - iii. Be prevented from damaging the OSCER body during opening;
  - iv. Have exterior use, locking door handles, keyed alike;
  - v. Have a secondary system that will allow opening in the event of main door lock mechanism(s) failure; and
  - vi. Have windows made of automotive grade laminated glass, with the level of glass tinting between 10% and 20%, to reduce solar heating effects.

#### 3.13.10 **Exterior OSCER Body Windows.**

- a) All OSCER body windows **must** provide, as a minimum, a 90 degree azimuth and 45 degree elevation view from each workstation seat to both sides and rear.
- b) All OSCER body windows **must** open.
- c) When opened all OSCER body windows **must** be provided with a screened air passage.
- d) All OSCER body windows **must** be secured from the inside.

#### 3.13.11 **Exterior Storage Compartments**

- a) Exterior storage compartments **must** be integral to the OSCER body.
- b) An exterior electrical equipment compartment **must** be provided.

- c) Exterior storage compartments **must** be provided with compartment matting.

#### 3.13.12 **OSCER Body Mounting**

- a) Vibration isolating body mounts **must** be provided.
- b) All OSCER body mounts **must** be designed and installed in accordance with the chassis manufacturer's guidelines.

#### 3.13.13 **OSCER Body Accessories**

- a) Safety grabs rails **must** be provided, with textured grip.
- b) The OSCER body **must** be equipped with a 2.3 kg 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.

#### 3.13.14 **Other Storage Requirements**

- a) A minimum of 0.4 cubic metre of interior or exterior compartment storage space **must** be provided for two (2) sets of personal military winter kits including parka, boots, gloves, etc.
- b) A minimum of 0.4 cubic metre of interior or exterior compartment storage space **must** be provided for two (2) HAZMAT suits.
- c) Interior or exterior compartment storage space **must** be provided for two (2) Safety vests.

#### 3.14 **Trunked Radio System**

- a) The trunked radio transceivers **must** be configured so as to ensure the operators have maximum flexibility when operating with other operational responders.
- b) The Contractor **must** ensure that the feature set is configured to allow fully integrated operation on the DND trunked radio system. The DND trunked radio system is an APCO P25 Phase 1 compliant Motorola Astro 25 trunking radio system deploying the A7.14 Integrated Voice and Data feature set.
- c) The DND trunked radio infrastructure is configured to support the following capabilities:
  - i. FIPS 197 compliant AES 256-bit encryption;
  - ii. Operation at security levels up to and including FIPS 140-2 Level 3;
  - iii. Over-the-Air-Rekeying (OTAR);
  - iv. Integrated GPS Location Awareness and Tracking applications;
  - v. Text messaging between dispatch operators and subscribers;
  - vi. Link layer authentication to ensure spoofed radios cannot join the system;

- vii. Remote stun or kill inhibit commands; and
- viii. Remote automated “radio check” functionality to verify that the unit is active and present on the system.

#### 3.14.1 **Control Heads – Trunked Radio System**

- a) The Department of National Defence will supply two (2) Motorola “O2” model control heads for each vehicle.
- b) One (1) Motorola “O2” model control head **must** be secured in a convenient location within reach of the driver position.
- c) A second Motorola “O2” model control head **must** be secured as to provide convenient access to the On Scene Controller in the OSCER body.
- d) Each control head **must** be equipped with a Model HMN1089 palm microphone for use by the passenger and driver while on route to a new location.

#### 3.14.2 **Motorola APX 8500 mobile radio transceiver**

- a) The Department of National Defence will supply two (2) Motorola APX 8500 mobile radio transceiver with the components identified in sub para 3.14.2 c) for each vehicle. The vehicle design **must** install and integrate two (2) Motorola APX 8500 mobile radio transceiver in accordance with the manufacturer’s installation procedures.
- b) Dimensions of the radio transceivers and their associated control heads are detailed in the latest version of the Motorola installation manual number 6878215A01 and related on line product literature. Where information is unavailable from the referenced publications, the manufacturer is to be consulted and best practices according to Motorola **must** be followed.
- c) The components of the APX 8500 Multiband Mobile Radio are:
  - i. PMB-100(V2), Model M37TSS9PW1N;
  - ii. Astro Digital CAI Operation APEX, Model Q806M;
  - iii. SmartZone Operation APEX, Model G51M;
  - iv. P25 Trunking Software, Model G361M;
  - v. APX02 Control Head (Grey), Model GA0080M;
  - vi. APX Control Head Software, Model G444M;
  - vii. Remote Mount Mid Power, Model G67M;
  - viii. All Band Mobile Antenna (7/8/V/U), Model GA01513M;
  - ix. GPS/WI-FI Antenna, Model GA00226M;

- x. Palm Microphone, Model W22M;
  - xi. Dual Control Head Hardware, Model GA00092M;
  - xii. Remote Mount Cable 9.12 metres, Model G610M;
  - xiii. Remote Mount Cable 5.2 metres, Model G628M;
  - xiv. Multi cast Voting Scan, Model G387M;
  - xv. Over the Air Provisioning, Model G996M;
  - xvi. Enhanced Data, Model QA3399M;
  - xvii. Astro P25 OTAR W/Multi-key, Model G298M;
  - xviii. AES Encryption APX, Model G843M;
  - xix. RF PREAMP (Operational for VHF and UHF bands only), Model W12M.
- d) The APX 8500 mobile transceivers **must** be located in the OSCER body in space allocated to contain the radio equipment where air flow is sufficient to allow cooling during operation.

3.14.3 **Motorola APX 8000 All-Band Portable Radio with Full Keypad**

- a) The Department of National Defence will supply one (1) Motorola APX 8000 handheld portable radio with components identified in para 3.14.3 b). The vehicle **must** be provided with integrated storage and charging of the Motorola APX 8000 in the OSCER body.
- b) The components of the APX 8000 All-Band Portable Radio with full keypad are:
  - i. APX 8000 M3.5, Model H91TGD9PW7AN;
  - ii. Astro Digital CAI Operation, Model Q806a;
  - iii. AES Encryption, Model Q629a;
  - iv. SmartZone Operation, Model H38a,
  - v. SmartZone Omni-link Q173a;
  - vi. P25 9600 BAUD Trunking, Model Q361a;
  - vii. DVRS PSU Activation, Model QA00631a;
  - viii. Astro P25 OTAR W/ Multi-Key, Model Q498a;
  - ix. Programming Over P25 (OTAP), Model G996;
  - x. Submersible (Delta T), model H499a;

- xi. Impact Green Housing, Model QA01427a;
- xii. IMPRES 2, 4850 MAH (IS)(PMNN4505A), Model QA05595AA;
- xiii. Front Panel Programming (FPP), Model Q53a;
- xiv. Carry case with belt loop, Model PMLN5660; and
- xv. Spare Battery, high capacity, Intrinsically Safe, Model PMNN4505A.

#### 3.14.4 **Motorola APX 6000 handheld portable radios**

- a) The Department of National Defence will supply five (5) Motorola APX 6000 handheld portable radios per vehicle with components identified in para 3.14.4 d). The vehicle **must** be provided with integrated storage and charging of the Motorola APX 6000 in the OSCER body.
- b) The components of the APX 6000 Portable Radio with full keypad are:
  - i. APX 6000 Model 2, Model H98KGF9PW6BN;
  - ii. Astro Digital CA1 Operation, Model Q806;
  - iii. P25 9600 BAUD Trunking, Model Q361;
  - iv. Astro P25 OTAR W/ Multi-key, Model Q498;
  - v. Submersible (Delta T), Model H499;
  - vi. Impact Green Housing, Model QA01427;
  - vii. Basic Carry Holder, Model PMLN5331.

#### 3.14.5 **Antennas**

- a) The tri-band antenna(s) **must** be provided and located on the roof of the vehicle so as to allow unobstructed exposure to clear sky.
- b) The distance between each antenna **must not** be less than two (2) metres.
- c) The vehicle **must** be fitted with protector circuits connected to platform radio antennas.

### 3.15 **Ground to Air Radio**

#### 3.15.1 **General Dynamics Mobile Radio Transceiver**

- a) The Department of National Defence will supply one (1) General Dynamics URC-200 (V2) PMB-100 (V2) mobile radio transceiver for each vehicle with components identified in para 3.15.1 c). The vehicle **must** be provided with one (1) General Dynamics URC-200 (V2) PMB-100 (V2) mobile radio transceiver in the OSCER body as per manufacturer's recommendations.

- b) The PMB-100 (V2) transceiver **must** be located at the OSCER Body, in space allocated to contain the radio equipment where air flow is sufficient to allow cooling during operations.
- c) The components of the PMB-100 (V2) transceiver are:
  - i. URC-200 (V2) transceiver;
  - ii. UAC-100 AC Power supply;
  - iii. URM-100 Rack Mount;
  - iv. PTHS-Handset;
  - v. UVU-110S Spring Loaded Antenna;
  - vi. Operations and maintenance manual;

#### 3.15.2 **Control Heads – Ground to Air Radio**

- a) The Department of National Defence will supply the control head for the PMB-100 (V2) mobile configuration. The applicable General Dynamics remote control head **must** be secured in a convenient location in the OSCER body of the vehicle.
- b) One (1) General Dynamic's remote speaker **must** be installed in the cab portion of the vehicle to allow the On-Scene Controller to communicate on a pre-selected ATC frequency when driving to emergency location.
- c) One (1) General Dynamic's remote speaker **must** be installed in the OSCER body to allow the On-Scene Controller to communicate on a pre-selected ATC frequency when stationary.

#### 3.15.3 **General Dynamics Backpack Radio**

- a) The Department of National Defence will supply one (1) General Dynamics URC-200 PBP-200 (V2) backpack radio transceiver for each vehicle with components identified in para 3.15.3 b). The vehicle **must** be provided with one (1) General Dynamics URC200 PBP-200 (V2) backpack radio transceiver for each vehicle.
- b) The components of the General Dynamic URC-200 PBP-200 (V2) backpack radio are:
  - i. URC-200 (V2) Transceiver, part number 01-P49420J011;
  - ii. UBC-100 Battery Box;
  - iii. UVU-100 Radio Antenna;
  - iv. PTHS-100 Handset;
  - v. Two (2) BB-590/U NiCad Rechargeable Batteries;
  - vi. UBS-110 Commercial Grade Dual Battery Charger;

- vii. UCB-200 Woodland Carrying Bag;
- viii. Operations and maintenance manual.

#### 3.15.4 **Antennas**

- a) The UVU-200 base station antenna **must** be located on the roof of the OSCER body so as to allow unobstructed exposure to the sky.
- b) This antenna **must** be used with the PMB-100 (V2) mobile configuration.
- c) The placement of the antennas **must** be in accordance with CFTO C-55-040-001/TS-002 Radio Frequency Safety Standards and Requirements and Safety Code 6: Health Canada's Radiofrequency Exposure Guidelines.
- d) The distance between each antenna **must not** be less than two (2) metres.

#### 3.16 **Alternator(s)**

- a) The vehicle **must** be equipped with alternator(s), supplied as part of the OSCER prep package.
- b) Alternator(s) output **must** power all vehicle cab and OSCER body requirements.
- c) Alternator(s) **must** be intended for use on 12 VDC charging system.

#### 3.17 **Generator System**

- a) The vehicle **must** be provided with a diesel generator system capable of operating in all conditions defined in section 3.2.
- b) The generator outputs **must** be capable operating all OSCER vehicle AC and DC equipment for four (4) hours at 100% load before refuelling.
- c) The generators sizing **must** allow for 20% reserve for future capacity.
- d) The generator system **must** be provided with a transfer switch and breaker panel.
- e) The generator system **must** be internal to the vehicle.
- f) The generator **must** be in a sound proofed enclosure so that voice conversations can be easily heard within the vehicle and the exterior briefing area.
- g) The generator system **must** be easily accessible for maintenance.

#### 3.18 **Batteries**

- a) The vehicle **must** be supplied with heavy-duty, maintenance free batteries and secured in a well-protected area.
- b) Batteries **must** be mounted in an accessible, protected and ventilated location.

- c) The batteries **must** be rated to exceed the draw, in the required operating conditions.
- d) The vehicle batteries **must** be isolated from any other equipment batteries.

### **3.19 Electrical System**

- a) The electrical system **must** be in accordance with National Electrical Manufacturers Association Type 4 standards.
- b) The vehicle **must** be equipped with a 12 volt electrical system.
- c) Wiring **must** be protected by insulating grommets, where passing through metal.
- d) A master disconnect switch, accessible from the ground, **must** be provided.
- e) As a minimum, the vehicle **must** be provided with the following electrical sub-systems:
  - i. Vehicle direct current (DC);
  - ii. Vehicle auxiliary alternating current (AC) and (DC);
  - iii. Generator and shore-based AC; and
  - iv. Batteries.
- f) The vehicle and auxiliary electrical system **must** be separated and isolated from one another.
- g) The vehicle **must** have the ability to override the auxiliary DC system for emergency starting of the vehicle.
- h) The vehicle engine **must** have sufficient battery strength to start again after the vehicle engine and generator having been shut down for thirty (30) minutes with batteries operating at 80% state of health and stated loads.
- i) The electrical system maximum parasitic drain **must not** preclude normal start-up of the vehicle for a period of thirty (30) days under ambient conditions.
- j) The electrical system **must** be capable of accepting and effectively using 120 volt 60 Hz power from either shore or generator sources in accordance with the Canadian Electrical Code.
- k) The electrical system **must** be protected against lightning and power surges in accordance with Canadian Standards Association standards.
- l) The electrical system **must** be adequately ventilated and cooled for extended operations.
- m) The electrical system **must** be easily accessible for maintenance and trouble shooting.
- n) The electrical system **must** be reliable under a variety of difficult conditions from extreme cold to heat to dust, humidity and vibration as defined in section 3.2.

- o) An electrical control capability **must** be incorporated that will provide automatic switching and safety for power distribution within the vehicle.
- p) All electrical and electronic devices **must not** be damaged by electrostatic discharges during normal installation, handling and operation.

#### 3.19.1 **Vehicle direct Current (DC)**

- a) The engine loads **must** be included in the vehicle DC sub-system.
- b) The Commercial off the Shelf (COTS) lights **must** be included in the vehicle DC sub-system.
- c) The GPS **must** be included in the vehicle DC sub-system.
- d) The vehicle cab USB ports **must** be included in the vehicle DC sub-system.
- e) The vehicle cab devices **must** be included in the vehicle DC sub-system.

#### 3.19.2 **Vehicle auxiliary DC**

- a) The interior OSCER body lights **must** be included in the vehicle auxiliary DC sub-system.
- b) The exterior warning lights **must** be included in the vehicle auxiliary DC sub-system.
- c) The airfield beacon **must** be included in the vehicle auxiliary DC sub-system.
- d) The radios loads of two (2) Motorola PBX 8500 and one (1) General Dynamics PMB-100 (v2) **must** be included in the vehicle auxiliary DC sub-system.
- e) The exterior loud speaker load **must** be included in the vehicle auxiliary DC sub-system.
- f) The cab portion control centre (door ajar, amber beacon, radios) **must** be included in the vehicle auxiliary DC sub-system.
- g) The OSCER body USB ports **must** be included in the vehicle auxiliary DC sub-system.
- h) A 20% reserve for future growth **must** be included in the vehicle auxiliary DC sub-system.

#### 3.19.3 **Vehicle auxiliary 120 Volt AC (VAC)**

- a) Two duplex ground fault circuit interrupter (GFCI) plug per workstation for laptop or table battery charging **must** be included in the vehicle auxiliary 120 Volt AC sub-system.
- b) The handheld radio battery charger loads **must** be included in the vehicle auxiliary 120 Volt AC sub-system.
- c) The briefing area illumination loads **must** be included in the vehicle auxiliary 120 Volt AC sub-system.
- d) The vehicle exterior outlets loads **must** be included in the vehicle auxiliary 120 Volt AC sub-system.

- e) The OSCER body interior outlet loads **must** be included in the vehicle auxiliary 120 Volt AC sub-system.
- f) The OSCER body interior USB port loads **must** be included in the vehicle auxiliary 120 Volt AC sub-system.
- g) A 20% reserve for future growth **must** be included in the vehicle auxiliary 120 Volt AC sub-system.

#### 3.19.4 **Generator and Shore Power**

- a) The vehicle auxiliary DC loads **must** be included in the generator and shore power sub-system.
- b) The vehicle auxiliary 120 VAC loads **must** be included in the generator and shore power sub-system.
- c) The auxiliary battery charging loads from 0 to 80% in four (4) hours **must** be included in the generator or shore power sub-system.
- d) The OSCER body HVAC loads **must** be included in the generator and shore power sub-system.
- e) A 20% reserve for future growth **must** be included in the generator sub-system.

#### 3.19.5 **Batteries**

- a) The loads for the batteries only sub-system **must** be for a minimum thirty (30) minutes.
- b) The OSCER body interior lights loads for a minimum of thirty (30) minutes **must** be included in the auxiliary battery or batteries only sub-system.
- c) The loads for two (2) Motorola PBX 8500 and one (1) General Dynamics PMB-100 (v2) **must** be included in the auxiliary battery or batteries only sub-system.
- d) The loads for the OSCER body control centre **must** be included in the auxiliary battery or batteries only sub-system.

#### 3.19.6 **110 Volt Shore Power**

- a) The vehicle **must** be equipped with a ULC certified 110 volt AC Power system.
- b) An auto-eject shore power supply inlet **must** be provided with GFI protection, for use when the vehicle is parked and can be plugged into a power supply.

### 3.20 **Electromagnetic Compatibility**

- a) The vehicle **must** be electromagnetically compatible within itself so that platform operational performance requirements are met.
- b) Unintentional radiated emissions from the platform **must not** exceed 98 decibel-milliwatts (dBm) in the following ranges, 118-174 Megahertz MHz, 225-520 MHz, and 764-870 MHz when measured from the communication antennas of the installed radios in their appropriate locations.

- c) The platform electrical bonding **must** provide electrical continuity across external mechanical interfaces on electrical, electronic and antenna equipment.
- d) All electrical and electronic devices **must** not be damaged by electrostatic discharges during normal installation, handling and operation.
- e) All electrical equipment (including radios, radio racks, and antennas) **must** be installed in accordance with the manufacturer's equipment instructions.

### 3.21 Lighting

- a) The vehicle **must** be equipped with LED lights were available including: type signal, marker, tail, stop, clearance, licence plate, and back-up lights.
- b) Lights **must** be recessed or otherwise protected from damage with all components accessible for servicing.
- c) One amber coloured beacon light mounted on the OSCER rear body roof **must** be provided.
- d) Instrument panel lights **must** be dimmable.
- e) The OSCER body interior lighting **must** include dimmable internal overhead lighting.
- f) Two (2) portable pole mounted LED flood lights with independent power supply that can be deployed away from the vehicle generating a minimum of 6 000 lumens for a period of at least two (2) hours **must** be provided.
- g) A minimum of ten (10) LED lights with minimum 14 000 lumens **must** be provided, two (2) at the front of the vehicle, two (2) at the rear and three (3) on each sides of the vehicle with controls inside the vehicle cab and OSCER body portion.
- h) Automatic LED strip lighting **must** be provided in all cabinets.

### 3.22 Paint

- a) The cab, chassis and vehicle body **must** be provided with a high quality paint finish in accordance with the manufacturer's recommendations.
- b) A paint warranty **must** be provided, against paint peeling, cracking, blistering, corrosion and UV paint fade.
- c) The cab and body exterior components **must** be painted prior to mounting, to assure full coverage.
- d) AMS 595A Yellow paint or equivalent **must** be applied to all exposed exterior surfaces which are normally painted for commercial trade.
- e) The interior colours **must** be the manufacturer standard shades of grey and/or blue.

### **3.23 Decals**

- a) All lettering **must** be applied in the ARIAL BLOCK font, sized to accommodate the required text, in the outlined areas.
- b) Lettering **must** be a combination of red and black on the required high visibility yellow vehicle colour.
- c) Decals **must** be applied using high quality vinyl with a clear polyurethane coating, or equivalent.
- d) A display reflective signage stating "ON-SCENE CONTROL AND EMERGENCY RESPONSE" **must** be provided on sides and rear of the vehicle in a prominent contrasting colour to the background.
- e) A display reflective signage stating "CONTRÔLE SUR PLACE DES INTERVENTIONS EN CAS D'URGENCES" **must** be provided on sides and rear of the vehicle in a prominent contrasting colour to the background.

### **3.24 Retroreflective Tape**

- a) Retroreflective tape **must** be placed on the vehicle in accordance with the Motor Vehicle Safety Regulations (MVSR).
- b) Retroreflective tape **must** be placed on the vehicle to increase visibility on the airfield.
- c) Retroreflective tape **must** be placed on the vehicle to mark the vehicle for low visibility highway use.

### **3.25 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.

### **3.26 Warning, Markings and Instruction Plates**

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

3.26.1 **Vehicle identification**

- a) The vehicle identification information **must** be permanently affixed in a conspicuous and protected location.
- b) Identification information **must** include the cab and chassis manufacturer's name, model number, serial number, and model year.
- c) Identification information **must** include the body manufacturer's model and serial number.
- d) Identification information **must** include the equipment manufacturer's model and serial number.
- e) Identification information **must** include the GVWR and GAWR ratings.

3.27 **Minor Equipment**

- a) Two (2) intrinsically safe LED hand lights complete with chargers **must** be provided.
- b) One (1) broom to sweep the interior floor **must** be provided;
- c) Two (2) shovels with a Number 2 head, 1.22 m minimum handle length **must** be provided.
- d) One (1) general purpose axe with 66 cm handle length **must** be provided.
- e) One (1) pry bar 66 cm long **must** be provided.
- f) Appropriate equipment restraints for all items listed in 3.27 **must** be provided in vehicle interior or exterior storage compartments.

4. **INTEGRATED LOGISTIC SUPPORT (ILS)**

4.1 **ILS Deliverables** - The following table indicates the ILS elements that the Contractor **must** deliver, including the medium (paper or digital), the expected means of delivery and the reference paragraph.

Element	Format/Medium	Delivered to TA	Supplied with each vehicle/equipment	Reference Paragraph
Set of Manuals	Digital	X	X	4.2
	Paper		X	
Warranty Letter	Digital	X	X	4.3
Data Summary	Digital	X		4.4.1
Photographs	Digital	X		4.4.2
Dimensioned Drawing	Digital	X	X	4.4.3

<b>Special Tool List</b>	Digital	X		4.4.4
<b>Preventive Maintenance Replacement Parts Kit List (PMRPKL)</b>	Digital	X		4.4.5
<b>Recommended Spare parts List (RSPL)</b>	Digital	X		4.4.6

#### **4.2 Vehicle Manuals**

- a) All manuals required for the description, operation, maintenance and repair of the complete equipment, including sub-systems, **must** be provided.

##### **4.2.1 Operator's Manuals**

- a) The operator's manuals **must** be in both English and 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.

##### **4.2.2 Parts Manual(s)**

- a) The parts manual(s) **must** be in English.
- 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.

##### **4.2.3 Maintenance Manuals**

- a) The maintenance manual **must** be both in English and French.

- b) The maintenance manual **must** include a troubleshooting 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 4.3.4.

#### 4.2.4 **Manual Delivery to Technical Authority**

- a) Sample manuals **must** be submitted to the Technical Authority (TA) prior to the delivery of the vehicle 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 calendar days.
- b) One (1) complete set of approved manuals (Operator's, Maintenance, and Parts) in electronic format **must** be delivered to the Technical Authority.

#### 4.2.5 **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.

#### 4.2.6 **Electronic Format**

- a) Electronic format **must not** require installation, password and/or Internet connection to be accessed and **must** be an unlocked PDF in a searchable format.

#### 4.2.7 **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.

#### 4.2.8 **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 4.2.4 and 4.2.5.

#### 4.2.9 **Translation and Reproduction Rights**

- a) 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.

#### 4.2.10 **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.
- d) The TA will provide approval or comments on the manuals within 30 calendar days.

#### 4.3 **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.

#### 4.3.1 **Warranty Letter Delivery**

- a) The Contractor **must** provide a warranty letter in both English and French 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.

#### 4.4 **Other ILS Deliverables to Technical Authority**

##### 4.4.1 **Data Summary**

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

#### 4.4.2 **Photographs**

- a) The Contractor **must** provide photographs in colour, taken against a plain background, and in digital JPEG format with a minimum 10-megapixel resolution.
- b) One left front three-quarter view of a completed unit **must** be provided.
- c) One right rear three-quarter view of a completed unit **must** be provided.

#### 4.4.3 **Dimensioned Drawing**

- a) One side and front view sketch showing the dimensions **must** be provided.

#### 4.4.4 **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) Contractor's part number;
- c) Manufacturer's part number (OEM);
- d) Quantity recommended per delivery location;
- e) Unit price; and
- f) Unit of issue.

#### 4.4.5 **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 (OEM);
- 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.

4.4.6 **Recommended Spare Parts List (RSPL)** - 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) Item name;
- b) Contractor's part number;
- c) Manufacturer's part number (OEM);
- 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.

4.4.7 **Cataloguing Information**

- a) The contractor **must** provide the Technical Authority, upon request, the information necessary to catalogue the parts for the vehicle.
- b) The cataloguing information **must** include the NSN of the part, if known.
- c) If the NSN is provided no other supporting technical data needs to be provided for that item.
- d) If the NSN is not provided, then the information **must** be sufficient to allow the Technical Authority to identify, classify and fully describe the part(s) to a NATO standard. This could include specifications, standards, drawings, or catalogues with brief description(s) of relevant dimensional, material, mechanical, electrical and physical/ performance characteristics. Drawings sent to the Technical Authority will not be sent to other suppliers for production and will remain the property of the contractor.

4.5 **Safety Recalls and Servicing Data**

- a) 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.

#### 4.6 Training

4.6.1 Training Deliverables – The following table indicates the ILS Training elements that the Contractor **must** deliver, including the expected means of delivery and the reference paragraph.

Element	Format/ Medium	Delivered to TA by E-mail for approval	Remarks	Reference Paragraph
Course Syllabus	Digital	X	-	4.6.2 d) & 4.6.4 d)
Maintenance Training	-	-	Delivery in person, at the location specified in the contract.	4.6.2
Operator Training	-	-	Delivery in person, at the location specified in the contract.	4.6.4
Proof of Training Certificate	Digital	X	TA will provide template	4.6.2 e) & 4.6.4 e)

#### 4.6.2 Maintenance Training

- a) The Contractor **must** provide a maintenance training course.
- b) The course **must** be given at the delivery destination and be available in both English and French.
- c) The course **must** have a minimum duration of one day to provide training of up to six (6) maintenance personnel and have the final dates arranged with the Technical Authority.
- d) The course **must** have a syllabus or course outline and schedule available for review seven (7) days prior to the course commencement date.
- e) After completion of the course, the Contractor **must** have a “*PROOF OF MAINTENANCE TRAINING*” certificate signed by a Canada Representative for the destination. The Technical Authority will supply this document in an electronic format.

#### 4.6.3 Maintenance Training Curriculum

- a) Operator’s training detailed in Paragraph 4.6.4 below **must** be included in the curriculum.
- b) Operation and maintenance safety precautions **must** be included in the curriculum.
- c) Preventive maintenance including servicing schedules **must** be included in the curriculum.
- d) Trouble shooting, testing, and adjustments **must** be included in the curriculum.
- e) Special tools and test equipment **must** be included in the curriculum.

#### 4.6.4 **Operator Training**

- a) The Contractor **must** provide an operator training course.
- b) The course **must** be given at the delivery destination and be available in both English and French.
- c) The course **must** have minimum duration of one day to provide training for up to six (6) operators and have the final dates arranged with the Technical Authority.
- d) The course **must** have a syllabus or course outline and schedule available for review seven (7) days prior to the course commencement date.
- e) After completion of the course the Contractor **must** have a “*PROOF OF OPERATOR TRAINING*” certificate signed by a Crown Representative for the destination. The Technical Authority will supply this document in an electronic format.

#### 4.6.5 **Operator Training Curriculum**

- a) Safety precautions to be observed while operating and servicing the vehicle **must** be included in the curriculum.
- b) Vehicle operating characteristics **must** be included in the curriculum.
- c) Vehicle operating procedures **must** be included in the curriculum.
- d) Pre-operating and pre-shutdown procedures **must** be included in the curriculum.
- e) Daily/weekly operator servicing procedures **must** be included in the curriculum.

#### 4.6.6 **Training Materials**

- a) Training materials **must** be provided to each attendee, in French for locations in Quebec.
- b) Training materials **must** include a list of topics to be covered;
- c) Training materials **must** include an approximate timetable showing when topics are scheduled to be covered and how much time is scheduled for each topic;
- d) Training materials **must** list any reference material; and
- e) Training materials **must** make available any reference material used.

**Annex C**  
**Technical Evaluation Matrix**

**On-Scene Control And Emergency  
Response (OSCER) Vehicle**

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**Date:**  
23-Jul-21

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**Instructions:**

This Technical Evaluation Matrix covers the mandatory technical criteria, which **must** be provided by the Bidder for evaluation of the proposed solution to the requirement specified in the Purchase Description.

**“Substantive Information” must** be provided for each corresponding performance requirement/specification stated in this Technical Evaluation Matrix.

If an **“Equivalent”** is being offered for any requirement in the Purchase Description it **must** be submitted for technical evaluation with Substantive Information proving the equivalency.

Bidders should indicate the document name/title and page number where the Substantive Information can be found for each evaluation criteria.

Definitions for **“Equivalent”** and **“Substantive Information”** are as follows:

**“Substantive Information”** - This is defined in SACC Clause A9097T.

**“Equivalent”** - Substitutes and alternatives that are equivalent in product, performance or a standard will be considered for acceptance by the Technical Authority where Substantive Information proving the equivalency for the respective requirement is provided for evaluation.

**Technical Evaluation Matrix  
On-Scene Control And Emergency Response (OSCAR) Vehicle**

**Bidder Information**

Bidder Name: \_\_\_\_\_  
 Proposal Date: \_\_\_\_\_  
 Proposed Make and Model: \_\_\_\_\_

Technical Mandatory Criteria			
PD Reference	PD Requirement	Bid Evaluation Requirement	Location in Bid Proposal
3.1 b)	<b>Industry Acceptability</b> - The vehicle design <b>must</b> have demonstrated industry acceptability by having been manufactured and sold commercially for at least 2 years, 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.	The Bidder <b>must</b> 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).	
3.3.1	<b>Vehicle Safety Regulations</b> c) The vehicle <b>must</b> comply with Electromagnetic Interference (EMI) requirements described in CFTO C-55-040-001/TS-002, Radio Frequency Safety Standards and Requirements.	The Bidder <b>must</b> provide confirmation that the vehicle will comply with Electromagnetic Interference requirements.	
3.4.3	<b>Dimensions</b> a) The vehicle <b>must</b> have road legal dimensions across Canada;	The Bidder <b>must</b> provide dimensioned drawings of the proposed vehicle exterior showing a minimum of the vehicle side elevations.	
3.12.1	<b>Automatic Levelling System</b> a) The vehicle <b>must</b> be provided with an automatic levelling system.	The Bidder <b>must</b> provide substantive information.	
3.13	<b>OSCAR Body</b>	The Bidder <b>must</b> provide dimensioned and annotated drawings of the proposed vehicle body interior layout, containing general information for the purpose of the bid evaluation.	

<p>3.14.5</p>	<p><b>Antennas</b> b) The distance between each antenna <b>must</b> not be less than two (2) metres.</p>	<p>The Bidder <b>must</b> provide dimensioned drawings of the antenna layout.</p>	
<p>3.20</p>	<p><b>Electromagnetic Compatibility</b> a) The vehicle <b>must</b> be electromagnetically compatible within itself so that platform operational performance requirements are met.</p>	<p>The Bidder <b>must</b> provide confirmation that the vehicle will be electromagnetically compatible.</p>	
<b>Proposed Equivalents</b>			
<p>PD Reference</p>	<p>PD Requirement</p>	<p>Bid Evaluation Requirement</p>	<p>Location in Bid Proposal</p>