

RETURN BID 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: Department of Foreign Affairs, Trade and Development

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 here to, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

Proposition à: Ministère des Affaires Étrangères, Commerce et Développement

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 appendices ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments — Commentaires :

Issuing Office – Bureau de distribution

Foreign Affairs, Trade and Development Canada
200 Promenade du Portage,
Gatineau, Québec, K1A 0G4

Affaires étrangère, Commerce et Développement Canada

200 Promenade du Portage,
Gatineau, Québec, K1A 0G4

Title-Sujet: Blindage de vehicules de base/ Armouring of base vehicles	
Sollicitation No. — N° de l'invitation 19-155079/A	Date:
Sollicitation Closes — L'invitation prend fin	Time Zone —Fuseau horaire EST EST(Eastern Standard Time) HNE (heure normale de l'Est)
At /à: 2:00 PM (EST) On / le: 2019-10-01	
F.O.B. — F.A.B.	
Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other — Autre: <input type="checkbox"/>	
Address Enquiries to — Addresser les questions à: Natasha.BelangerBenavides@international.gc.ca	
Telephone No. – No de téléphone: 343-203-6835	
Destination of Goods and or Services/Destination – des biens et ou services : See Herein	

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

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PART 1 - GENERAL INFORMATION

1.1 Introduction

The bid solicitation is divided into seven parts plus attachments and annexes, as follows:

- Part 1 General Information: provides a general description of the requirement;
- Part 2 Bidder Instructions: provides the instructions, clauses and conditions applicable to the bid solicitation;
- Part 3 Bid Preparation Instructions: provides Bidders with instructions on how to prepare their bid;
- Part 4 Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria that must be addressed in the bid, and the basis of selection;
- Part 5 Certifications and Additional Information: includes the certifications and additional information to be provided;
- Part 6 Security, Financial and Other Requirements: includes specific requirements that must be addressed by Bidders; and
- Part 7 Resulting Contract Clauses: includes the clauses and conditions that will apply to any resulting contract.

1.2 Summary

GAC has the mandate to purchase and armour Toyota Land Cruiser 200s (TLC 200s) in order to continue the effective operation, maintenance and distribution of Armoured Vehicles (AVs) at our Missions abroad. This is predominantly based on the need for the replacement of older, poorly functioning AVs currently in situ. This effort was included and approved within the recently approved and funded Duty of Care initiative.

The seven TLC 200s were purchased as a pilot program to determine the cost effectiveness of purchasing the base vehicles and then having a company carry out the armouring as opposed to purchasing an AV at the point of completion. These seven AVs, once armoured, must be held in by the contractor in a yet to be determined location for up to a year and be ready to be shipped to any Mission that may need a replacement within 7 days. Once the year is complete, the remaining AVs will be shipped to those missions that are next due for a replacement as per the life cycle replacement program.

1.2.1 Trade Agreements

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

1.2.2 Federal Contractors Program

The Federal Contractors Program (FCP) for employment equity applies to this procurement; refer to Part 5 – Certifications and Additional Information, Part 7 - Resulting Contract Clauses and the annex titled Federal Contractors Program for Employment Equity - Certification.

1.3 Debriefings

Bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

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](#) (2018-05-22) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

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

Delete: sixty (60) days

Insert: ninety (90) days

2.2 Submission of Bids

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

2.3 Former Public Servant

Contracts awarded to former public servants (FPS) in receipt of a pension or of a lump sum payment must bear the closest public scrutiny, and reflect fairness in the spending of public funds. In order to comply with Treasury Board policies and directives on contracts awarded to FPSs, bidders must provide the information required below before contract award. If the answer to the questions and, as applicable the information required have not been received by the time the evaluation of bids is completed, Canada will inform the Bidder of a time frame within which to provide the information. Failure to comply with Canada's request and meet the requirement within the prescribed time frame will render the bid non-responsive.

2.3.1 Definitions

For the purposes of this clause, "former public servant" is any former member of a department as defined in the [Financial Administration Act](#), R.S., 1985, c. F-11, a former member of the Canadian Armed Forces or a former member of the Royal Canadian Mounted Police. A former public servant may be:

- a. an individual;
- b. an individual who has incorporated;
- c. a partnership made of former public servants; or
- d. a sole proprietorship or entity where the affected individual has a controlling or major interest in the entity.

"lump sum payment period" means the period measured in weeks of salary, for which payment has been made to facilitate the transition to retirement or to other employment as a result of the implementation of various programs to reduce the size of the Public Service. The lump sum payment period does not include the period of severance pay, which is measured in a like manner.

"pension" means a pension or annual allowance paid under the [Public Service Superannuation Act](#) (PSSA), R.S., 1985, c. P-36, and any increases paid pursuant to the [Supplementary Retirement Benefits Act](#), R.S., 1985, c. S-24 as it affects the PSSA. It does not include pensions payable pursuant to the [Canadian Forces Superannuation Act](#), R.S., 1985, c. C-17, the [Defence Services Pension Continuation Act](#), 1970, c. D-3, the [Royal Canadian Mounted Police Pension Continuation Act](#), 1970, c. R-10, and the [Royal Canadian Mounted Police Superannuation Act](#), R.S., 1985, c. R-11, the [Members of Parliament Retiring Allowances Act](#), R.S. 1985, c. M-5, and that portion of pension payable to the [Canada Pension Plan Act](#), R.S., 1985, c. C-8.

2.3.2 Former Public Servant in Receipt of a Pension

As per the above definitions, is the Bidder a FPS in receipt of a pension? **Yes () No ()**

If so, the Bidder must provide the following information, for all FPSs in receipt of a pension, as applicable:

- a. name of former public servant;
- b. date of termination of employment or retirement from the Public Service.

By providing this information, Bidders agree that the successful Bidder's status, with respect to being a former public servant in receipt of a pension, will be reported on departmental websites as part of the published proactive disclosure reports in accordance with [Contracting Policy Notice: 2012-2](#) and the [Guidelines on the Proactive Disclosure of Contracts](#).

2.3.3 Work Force Adjustment Directive

Is the Bidder a FPS who received a lump sum payment pursuant to the terms of the Work Force Adjustment Directive? **Yes () No ()**

If so, the Bidder must provide the following information:

- a. name of former public servant;
- b. conditions of the lump sum payment incentive;
- c. date of termination of employment;
- d. amount of lump sum payment;

- e. rate of pay on which lump sum payment is based;
- f. period of lump sum payment including start date, end date and number of weeks;

- g. number and amount (professional fees) of other contracts subject to the restrictions of a work force adjustment program.

For all contracts awarded during the lump sum payment period, the total amount of fees that may be paid to a FPS who received a lump sum payment is \$5,000, including Applicable Taxes.

2.4 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than 5 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 question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) 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.

2.5 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.

2.6 Improvement of Requirement During Solicitation Period

Should bidders consider that the specifications or Statement of Work 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 7 days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

If the Bidder chooses to submit its bid electronically, Canada requests that the Bidder submits its bid in accordance with section 08 of the 2003 standard instructions, and as amended in Part 2 - Bidder Instructions, Article 2.1 Standard Instructions, Clauses and Conditions. Bidders are required to provide

their bid in a single transmission. The epost Connect system has a limit of 1GB per single message posted and a limit of 20GB per conversation.

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

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

If the Bidder is simultaneously providing a hard copy of the bid using another acceptable delivery method, and if there is a discrepancy between the wording of the soft copy and the hard copy, the wording of the soft copy will have priority over the wording of the hard copy.

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

Section I: Technical Bid (two (2) hard copies)
Section II: Financial Bid (one (1) hard copies)
Section III: Certifications (two (2) hard copies)
Section IV: Additional Information (two (2) hard copies) Canada requests that bidders follow the format instructions described below in the preparation of hard copy of their bid:

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

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process Policy on Green Procurement (<https://www.tbs-sct.gc.ca/pol/doceng.aspx?id=32573>). To assist Canada in reaching its objectives, bidders should:

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

Section I: Technical Bid

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

The technical bid should address clearly and in sufficient depth the points that are subject to the evaluation criteria against which the bid will be evaluated. Simply repeating the statement contained in the bid solicitation is not sufficient. In order to facilitate the evaluation of the bid, Canada requests that

Bidders address and present topics in the order of the evaluation criteria under the same headings. To avoid duplication, Bidders may refer to different sections of their bids by identifying the specific paragraph and page number where the subject topic has already been addressed.

Bidders should complete and submit with their bid the following;

- Appendix "2" - Technical Evaluation Plan Global Affairs Canada.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment specified in Part 6 and Annex "B" Basis of payment

3.1.1 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.

3.1.2 Exchange Rate Fluctuation

1. The Bidder may request Canada to assume the risks and benefits of exchange rate fluctuations. If the Bidder claims for an exchange rate adjustment, this request must be clearly indicated in the bid at time of bidding. The Bidder must submit form [PWGSC-TPSGC 450](#), Claim for Exchange Rate Adjustments with its bid, indicating the Foreign Currency Component (FCC) in Canadian dollars for each line item for which an exchange rate adjustment is required.
2. The FCC is defined as the portion of the price or rate that will be directly affected by exchange rate fluctuations. The FCC should include all related taxes, duties and other costs paid by the Bidder and which are to be included in the adjustment amount.
3. The total price paid by Canada on each invoice will be adjusted at the time of payment, based on the FCC and the exchange rate fluctuation provision in the contract. The exchange rate adjustment will only be applied where the exchange rate fluctuation is greater than 2% (increase or decrease).
4. At time of bidding, the Bidder must complete columns (1) to (4) on form [PWGSC-TPSGC 450](#), for each line item where they want to invoke the exchange rate fluctuation provision. Where bids are evaluated in Canadian dollars, the dollar values provided in column (3) should also be in Canadian dollars, so that the adjustment amount is in the same currency as the payment.

5. Alternate rates or calculations proposed by the Bidder will not be accepted for the purposes of this exchange rate fluctuation provision.

Section III: Certifications

Bidders must submit the certifications and additional information required under Part 5.

Section IV: Additional Information

Canada requests that bidders submit the following information:

3.1.3 Delivery

Firm Quantity

While Armoured vehicle ready for Final Pre-Delivery Inspection is requested within 20 weeks of contract award the best delivery that can be offered is as follows:

Item 002- Quantity five (5), Armoured Toyota Land cruiser 200 4x4 Sport Utility Vehicles Automatic Left Hand Drive Diesel and ancillary items will be completed and ready for delivery to storage location within _____ calendar days from the effective date of the contract.

Item 003- Quantity two (2), Armoured Toyota Land cruiser 200 4x4 Sport Utility Vehicles Automatic Right Hand Drive Diesel and ancillary items will be completed and ready for delivery to storage location within _____ calendar days from the effective date of the contract.

A PRODUCTION SCHEDULE MUST BE PROVIDED TO SUPPORT DELIVERY DATES PROVIDED

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 General

- a) Canada is conducting the Phased Bid Compliance Process described below for this requirement.
- b) Notwithstanding any review by Canada at Phase I or II of the Phased Bid Compliance Process, 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 PHASED BID COMPLIANCE PROCESS 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) Without prejudice to its other rights, Canada shall have the right, in its absolute discretion, but shall not be obliged, to request and accept any time, before or after the solicitation closing date, and consider as part of the Bid, any document and materials from Bidders to clarify the Bid or to correct deficiencies or errors in the Bid that are not significant in Canada's absolute discretion, including all matters of form or error in computation or failure to confirm by signing or similarly verifying acceptance. 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.

d) The PBCP does not limit Canada's rights under Standard Acquisition Clauses and Conditions (SACC) 2003 (2018-05-22) 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

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 Foreign Affairs, Trade and Development Canada

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 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 Phased Bid Compliance Process. Mandatory technical criteria that are not identified in the solicitation as being subject to the Phased Bid Compliance Process, 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 or decrease 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 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 Criteria

- a) The Phased Bid Compliance Process will apply to all mandatory technical criteria.
- b) Bidders must demonstrate their compliance with all technical evaluation criteria detailed in Appendix 2 - Technical Evaluation Plan - Global Affairs Canada, 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.
- c) Bidder must provide a detailed production schedule showing the delivery dates Offered for all items 002 and 003.

4.1.3 Mandatory Financial Evaluation Criteria

- a) Bidders must provide, with their bid, the financial information requested in the bid solicitation and at Annex B – Basis of Payment for items 002, 003 and as optional for items 005.
- b) The prices of the bid Bids must be in Canadian dollars, DDU Delivered Duty Unpaid at destination, Incoterms 2000, for the firm quantity for items 002 and 003 and as optional for item 005. Custom Duties and Excise Taxes excluded where applicable and Applicable Taxes are extra.

4.2 Basis of Selection

A bid must comply with the requirements of the bid solicitation and meet all mandatory technical evaluation criteria to be declared responsive. The responsive bid with the lowest evaluated 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 Integrity 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 specified will render the bid non-responsive.

5.2.1 Integrity Provisions – Required Documentation

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real procurement agreement of the [Ineligibility and Suspension Policy](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html) (<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](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#>).

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

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 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

PART 6 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

6.1 Statement of Work

6.1.1 To provide the work as detailed under Annex "A"- Statement of Work

6.1.2 The Contractor grants to Canada irrevocable options identified in Annex "B"- Basis of Payment.

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 "B"- Basis of Payment.

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

2035 (2018-06-21), General Conditions - Higher Complexity - Services, apply to and form part of the Contract.

6.2.2.1 Section 01 of 4012 03(2012-07-16) Warranty is amended by adding the following;

24 months for armour material and ancillary equipment;
48 months for transparent armour; and
60 months for door sagging prevention.

All other provisions of the warranty section remain in effect.

6.3 Term of Contract

6.3.1 Delivery Date

Initial Requirement:

Item 001- Quantity seven (7) Base Toyota Land cruiser 200 4x4 Sport Utility Vehicles and ancillary items must be delivered from Toyota Gibraltar Stockholdings Ltd. to Contractor's facility on or before _____ (Date to be inserted by the Contracting Authority at time of contract award.)

Item 002- Quantity five (5), Armoured Toyota Land cruiser 200 4x4 Sport Utility Vehicles Automatic Left Hand Drive Diesel and ancillary items must be ready for delivery to storage location on or before _____ (Date to be inserted by the Contracting Authority at time of contract award.)

Item 003- Quantity two (2), Armoured Toyota Land cruiser 200 4x4 Sport Utility Vehicles Automatic Right Hand Drive Diesel and ancillary items must be ready for delivery to storage location on or before _____ (Date to be inserted by the Contracting Authority at time of contract award.)

Item 004- Quantity seven (7), Armoured Toyota Land cruiser 200 4x4 Sport Utility Vehicles and ancillary items must be delivered to storage facility on or before _____ (Date to be inserted by the Contracting Authority at time of contract award.)

6.4 Authorities

6.4.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Natasha Belanger Benavides
Title: Senior Procurement Officer
Global Affairs Canada
Address: 200 Promenade du Portage

Telephone: 343-203-6835

E-mail address: Natasha.BelangerBenavides@international.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 Project Authority

The Project Authority for the Contract is: _ (To be inserted by GAC at time of contract award.)

Name:
Title:
Organization:
Address:

Telephone:
E-mail address:

In its absence, the Project Authority is:

Name:
Title:
Organization:
Address:

Telephone:
E-mail address:

The Project Authority 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 Project Authority; however, the Project 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.

6.4.3 Contractor's Representative

General Enquiries

Name:
Title:
Organization:
Address:
Telephone:
E-mail address:

Delivery follow-up

Name:
Title:
Organization:
Address:

Telephone:
E-mail address:

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:

Items 002,003,

Name:
Title:
Organization:
Address:

Telephone:
E-mail address:

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 "B" – Basis of payment, and as follows:

6.5.1.1 Basis of Payment (BOP) Type 1:

Firm prices in accordance with Annex B- Basis of payments, in Canadian dollars, Delivered Duty unpaid, (shipping cost extra in accordance with section 6.7.2.3), Incoterms 2000, at final destination identified in Annex "A"- Statement of Work, 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:

Initial Requirement			
Milestone	Deliverable	Amount Due	Date
1	Upon arrival of all base vehicle, armouring materials and ancillary items identified in Annex A-Statement of work required to armour the Base vehicle at the Manufacturers Facility where armouring will be carried out for Annex "B"-Basis of Payment Items 002 and 003.	40% of Firm Unit price indicated in Annex B-Basis of payment for each Item claimed	As per Production Schedule
2	Final inspection of Completed Armoured vehicles identified in Annex "B" Basis of payment Items 002 and 003. To be carried out at Contractor's facility.	50% of Firm Unit price indicated in Annex B-Basis of payment for each Item claimed	As per production schedule
3	Delivery to Storage as identified in Annex B-Basis of payment for Items 002 and 003.	10% of Firm Unit price indicated in Annex B-Basis of payment for each Item claimed	As per production schedule

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.

6.5.1.2 Basis of Payment (BOP) Type 2

Storage-Item 005 identified in Annex B-Basis of payment, if option is exercised:

SACC Manual clause Gac65432

6.5.1.3 Basis of Payment (BOP) Type 3 – Shipping Cost

The actual shipping cost :

- a) From Toyota Gibraltar Stockholdings Ltd. (TGS) to the armouring facility;
- b) From Armouring facility to storage.
- c) If option exercised, from storage facility to any missions determined by GAC at a later date.

Is without any allowance for profit and/or administrative overhead, in Canadian dollars, Customs duty and excise tax excluded and Applicable Taxes extra if applicable. At time of delivery, the contractor must provide an estimated shipping cost to the procurement authority and contracting authority. The contractor must provide the actual shipping cost to the identified user prior to delivery. If shipping cost exceeds \$8,000 for Land and Sea transportation or \$40,000 for Air Transportation, the contractor must obtain 3 quotes from shipping companies and must select the company offering the lowest cost.

6.6 Payment Method

6.6.1 Electronic Payment of Invoices – Contract

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

- a. Direct Deposit (Domestic and International);
- b. Wire Transfer (International Only);

6.6.2 SACC Manual Clauses

H1001C Multiple Payments	2008-05-12
C3015C Exchange rate fluctuation adjustment	2017-08-17
C2000C Taxes - Foreign-based Contractor	2007-11-30

6.7 Invoicing Instructions

6.7.1 Invoicing Instructions - Progress Payment Claim.

6.7.1.1 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

6.7.1.2. Applicable taxes extra, if applicable.

6.7.1.3. 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.

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

6.7.2 Invoicing Instructions

6.7.2.1 The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all deliveries identified in the invoice is completed. Contractors 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 include:

Shipping costs must be supported by a certified copy of the transportation bill of lading.

Invoices must be distributed as follows:

- a. One (1) copy must be forwarded to the following address for certification and payment:
Accounts-Receivable.AAC@international.gc.ca
- b. One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

6.8 Certifications

6.8.1 Compliance

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

6.8.2 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](#)" list. The imposition of such a sanction by ESDC will constitute the Contractor in default as per the terms of the Contract.

6.9 Applicable Laws

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

6.10 Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- (a) the Articles of Agreement;
- (b) the general conditions [2035](#) (2018-06-21), General Conditions - Higher Complexity - Services
- (c) Annex "A", Statement of Work;
- (d) Appendix "1", AV Technical Specifications
- (e) Annex B, Basis of Payment;
- (f) Annex "C", Security Requirements Check List;
- (g) Annex "D", to part 3 of the Bid Solicitation;
- (h) Annex "E", Federal Contractors Program for Employment Equity – Certification;
- (i) Appendix "2", Technical Evaluation Plan Global Affairs Canada
- (j) the Contractor's bid dated _____,

6.11 SACC Manual Clauses

A1009C	Work Site Access	2008-05-12
A9049C	Vehicle Safety	2011-05-16
D3010C	Delivery of Dangerous Goods / Hazardous Products	2016-01-28
D9002C	Incomplete Assemblies	2007-11-30
G1005C	Insurance	2016-01-28

6.12 Inspection and Acceptance

The Technical Authority is the Inspection Authority. All reports, deliverable items, documents, goods and all services rendered under the Contract are subject to

inspection by the Inspection Authority or representative. Should any report, document, good or service not be in accordance with the requirements of the Statement of Work and to the satisfaction of the Inspection Authority, as submitted, the Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

6.13 Preparation for Delivery

The vehicle(s) 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 the customer at final delivery destination.

The methods used for preservation and packaging must be in conformity with the Contractor's normal standard for Sea cargo and Air cargo shipment.

6.14 Shipping Instructions

The Contractor must ship the goods DDU - Delivered Duty Unpaid to final destination as detailed in Annex "B" Basis of Payment shipping charges extra. 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.

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 Foreign Affairs, Trade and Development Canada facility or via teleconference, at Canada's discretion at no additional cost to Canada, with representatives of the Contractor and Foreign Affairs, Trade and Development 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 an attached packing note.

6.18 Material

Material supplied must be new unused and of current production by manufacturer. (2019 model-year or newer).

6.19 Interchangeability

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

6.20 Service at Delivery

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

ANNEX “A”- STATEMENT OF WORK

Armouring of 7 GFE Toyota Land Cruiser 200s

1.0 Scope

1.1 Objective

To provide the armouring and delivery of seven Soft Skin Toyota Land Cruiser 200s with optional storage. Once completed will be deployed as part of Global Affairs Canada Life Cycle Replacement Program.

1.2 Background

GAC has the mandate to purchase and armour Toyota Land Cruiser 200s in order to continue the effective operation, maintenance and distribution of AVs at our Missions abroad. This is predominantly based on the need for the replacement of older, poorly functioning AVs currently in situ. This effort was included and approved within the recently approved and funded Duty of Care initiative.

The seven TLC 200s were purchased as a pilot program to determine the cost effectiveness of purchasing the base vehicles and then having a company carry out the armouring as opposed to purchasing an AV at the point of completion

1.3 Terminology

- AVs Armoured Vehicles
- AWCT Physical Security Programs
- DOC Duty of Care
- GAC Global Affairs Canada
- GFE Government Furnished Equipment
- LCRP Life Cycle Replacement Program
- SOW Statement Of Work
- TGS Toyota Gibraltar Stockholdings Ltd.
- TLC 200 Toyota Land Cruiser 200

2.0 Reference Document

Global Affairs Canada - Armoured Vehicle Manufacturing Specification - Feb 2019
7 GFE (Level BRV 1999 VR6 and Level BRV 2009 VR7) as per Appendix 1- AV Technical Specification

3.0 Requirements

3.1 Scope of Work

The successful bidder will be responsible for the following:

- a) Transporting the base vehicle from TGS to the armouring facility;
- b) The armouring of the Seven Soft Skin TLC 200s, (Five LHD Diesel & Two RHD Diesel) ; and
- c) Transporting the completed AVs to either the storage facility identified by GAC at a later date or by having exercised the optional storage requirement under 3.2.3.
- d) If option exercised, transporting the completed AVs from storage facility to any missions determined by GAC at a later date.

3.2 Tasks

3.2.1 Armouring

The TLC 200s must be armoured in accordance with BRV 1999 level VR6 or VPAM-BRV 2009 level VR7 and tested by an internationally renowned and accepted testing authority equivalent to, Beschussamt Ulm, Beschussamt Mellrichstadt, Beschussamt Munich, IABG Lichtenau or Qineti Q UK. The TLC 200s must be armoured in accordance with reference document Appendix 1- AV Technical Specification

3.2.2 Transportation

- a) Contractor is to provide shipment of Base Vehicles from TGS to Armouring Facility.
- b) Contractor to provide shipment of armoured vehicle from armouring facility to storage facility identified by GAC at a later date.
- c) The shipping company is responsible for obtaining all export documentation. GAC will assist where and when appropriate.
- d) All transportation costs are to be contracted as specified 6.7.2.3 Basis of Payment (BOP) type 3 – Shipping Cost

3.2.3 Optional Requirement – Storage for up to one year.

- a) The storage facility identified by the contractor, must be located near a major seaport and approved by AWCT.
- b) It must be a secured facility and the AVs must be covered with the cover provided with the vehicle by GAC.

-
- c) If GAC exercises the storage option, the armouring company is responsible for the AVs during the entire armouring and storage process. While in storage, the AVs must remain ready to be shipped out at all times and to any mission abroad.

 - d) Contractor is to provide shipment of armoured vehicle from storage facility to any mission abroad under the same condition as as specified 6.7.2.3 Basis of Payment (BOP) type 3 – Shipping Cost

 - e) The shipping company is responsible for obtaining all export documentation. GAC will assist where and when appropriate.

3.3 Acceptance Criteria:

The Technical Authority must be afforded access to conduct quality control Technical Inspections:

- a) Of the base vehicle;
- b) Once the vehicle has been stripped but prior to armouring;
- c) Once the armouring process has been completed but prior to re-assembly; and
- d) Final inspection of the completed vehicle prior to delivery.

3.4 Timeframe:

AVs should be completed and ready for Final Pre-Delivery Inspection by the Technical Authority within 20 weeks of contract award.

APPENDIX “1” – AV Technical Specification



Global Affairs
Canada

Affaires mondiales
Canada

Global Affairs Canada

ARMoured VEHICLE MANUFACTURING

SPECIFICATION

Feb 2019

7 GFE

Level BRV 1999 VR6 and Level BRV 2009 VR7

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1.0 OVERVIEW

1.1 This document details the base vehicle, armour, engineering, ancillary equipment essentials and instruction manual requirements for fully armoured vehicles to be used by Foreign Affairs, Trade and Development Canada for the protection of departmental personnel abroad. This specification must be used in conjunction with other contract documents identifying base vehicle type, style, colour, hand of drive and fuel requirements.

1.2 The vehicle must have been tested and certified in accordance with BRV 1999 level VR6 or VPAM-BRV 2009 level VR7 by an internationally renowned and accepted testing authority equivalent to, Beschussamt Ulm, Beschussamt Mellrichstadt, Beschussamt Munich, IABG Lichtenau or Qineti Q UK.

1.3 All certificates must be in the bidders name or at least the bidder must have a licence agreement from originator to armour the vehicles to the certification level addressed in paragraph 1.2 above. Licence agreement must be provided with bid.

1.4 The scope of armour protection for these vehicles must address the following threats and adhere to the parameters as set out in:

STANAG 4569, AEP55 Vol.2 ED1, level 1 as directed.

BRV 1999 version 15 July 1999 Testing and Certification of Bullet Resistant Vehicles, level VR6 or VPAM-BRV 2009, level VR7.

Simultaneous detonation of (2) x 51DM German Ordinance Grenades (or similar equivalent full charge) on the roof of the vehicle in accordance with Federal German Criminal Department (BKA) requirements.

Detonation of a 15kg TNT charge in accordance with STANAG 4569, AEP 55, Volume 3 (Edition 1) final version.

1.4.1 The bidder must provide certificates for the following tests/certifications and a point of contact at the authority where the certification was conducted for verification.

- Certificate that confirms that the vehicle has successfully passed BRV 1999 VR6 or VPAM-BRV 2009 VR7 together with the entire test report
- Certificate that confirms that (2) DM51 hand grenades were detonated on its roof and that the test was witnessed and successfully passed by the association of test laboratories for bullet resistant materials and constructions (VPAM) of Germany together with the entire test report
- Certificate that confirms that (1) DM 31 anti-personnel mine was detonated under the driver's seat and that the test was successfully passed in accordance with STANAG 4569, AEP55 VOL. 2 ED1, level 1, together with the entire test report
- Certificate that confirms that in accordance with STANAG 4569, AEP 55, Volume 3 (Edition 1) final version, an explosive charge with the blast force of 15kg TNT was detonated centrally at (2) two meters to the side passenger compartment 100cm above the ground, successfully passed and witnessed by an internationally renowned and accepted testing authority such as Beschussamt Ulm, Beschussamt Mellrichstadt, Beschussamt Munich, IABG Lichtenau, or Qineti Q UK. The entire test report must be submitted, together with the bid.
- All tests with explosives must have been conducted with a technical equivalent to Hybrid III dummy for floor testes and a EUROSid dummy for side blast tests properly positioned in the driver's seat, connected with data recording system capable of measuring the acceleration forces and compressions caused by the effects of the blast. The recorded data must be submitted together with the bid. Non-compliance will result in the rejection of the bidder.



- If the certificate consists of more than one page, all pages are to be submitted together with the bid.

2.0 ARMOUR APPLICATION

2.1 Transparent Armour

2.1.1 All original equipment glazing must be removed and replaced with non-spalling glass/polycarbonate composite or ceramic type transparent armour. The left and right rear quarter glass can either be replaced with above or remain OEM glazing if the inside is covered with armouring material.

2.1.2 All transparent armour must be formed to the original equipment glazing curvature and must afford lateral ballistic resistance as per CAEN 1063, 1522, 1523 VR6/VR7 addressing the minimum threats outlined in section 1.2 above.

2.1.3 All transparent armour must be of high optical quality and guaranteed for four (4) years against factory defects. Glazing with irregularities which distort the driver's vision or provide a hindrance to the safe operation of the vehicle must not be accepted. The technical authority may reject any glazing which is deemed to be a hazard.

2.1.4 Transparent armour of the windshield, the driver's door window and front passenger's door window must not contain any tinting, except as naturally occurs in the glazing process.

2.1.5 The transparent armour and the opaque armour that surrounds it must be designed and installed so that there is a minimum overlap of 20 mm (0.75 inch) between both armour on all edges.

2.1.6 The transparent armour in the driver's side front door must be Operable and must drop to a maximum of 50 mm (2.0 inches). All other windows must be made completely inoperable.

2.1.7 The closing cycle of the driver's window must not exceed 2 seconds from fully open to fully closed.

2.1.8 All glazing supplied by the armouring manufacturer must be edge protected to prevent damage from any possible glass / metal contact with either the vehicle body or adjacent armour installation.

2.1.9 The transparent armour must not have an area density in excess of 97.6 Kg/m² (20 pounds per square foot).

2.2 Transparent Armour Tinting

2.2.1 There must be absolutely no tinting applications for the transparent armour of the windshield, the driver's window and front passenger's window.

2.2.2 Tinting applications for transparent armour on the rear passenger's windows, rear quarter panel (cargo area) and rear door/hatch windows can be of a darkness that diminishes the view of armouring, unless



otherwise specified. Tinting application must not exceed 29% of the total 100% of light transparency and comply with the import country's import regulations.

2.2.3 Any tinting process must not diminish the performance of the Transparent armour nor result in a reduction in the life span.

2.3 Opaque Armour

2.3.1 Opaque armour must be installed in the vehicle to provide ballistic protection as per DIN EN 1063, 1522, 1523, VR6/ VR7 level addressing minimum threats outlined in section 1.2 above.

2.3.2 The armour must cover the entire perimeter of the passenger compartment, firewall including front wings, baggage area, roof and floor with the exception of transparent armour areas.

2.3.3 The armour must be overlapped at joints, seams and adjacent areas a minimum of 20 mm (0.75). In the case of a butt joint that requires a cover plate, if the gap between the plates is less than 1.5 mm (0.05) wide then the cover plate can be high hardness steel 3 mm (0,125) thick. If the joint is wider than 1.5 mm (0.05), then the cover plate must be constructed of the same material as the parent plates.

2.3.4 The armour must have a real density that must not exceed 64 Kg/m².

2.3.5 Openings cut into the armour to provide access for locking mechanisms, mirrors, etc...must be boxed with equivalent armour material to ensure that the overlap requirements of paragraph 2.3.3 and the ballistic protection requirements of paragraph 1.2 must be met.

2.3.6 Any fasteners or devices not specifically addressed in this specification but utilized to secure armour materials in place must be designed and installed so as to not present a hazard within the vehicle as a result of ballistic impact from the threats delineated in paragraph 1.2. Prior approval from the technical authority in their application must also be sought prior to their use.

2.3.7 The surfaces of all armour material must be coated with zinc chromate or an equivalent rust inhibitor.

2.3.8 An access port of 50mm by 50mm must be provided between engine and passenger compartment to allow for electronics cabling. This access port must be covered using the same armouring material and must not negatively affect the armouring certifications and standards.

2.4 Floor Armour

2.4.1 The floor armour must provide minimum protection level acceptable to withstand blasts underneath the vehicle from two simultaneous



detonations of DM51 German ordinance grenades and/or similar blast, level addressing minimum threats outlined in paragraph 1.2 above.

2.4.2 No openings apart from bolt holes and seat mounting brackets must be allowed.

2.4.3 If a steel floor is utilized, all welds must be continuous to insure Integrity against a blast event.

2.4.4 If a Kevlar (or equivalent material) woven blanket is used it must cover the floor entirely from the firewall to the rear doors and from side door sill to side door sill.

2.4.5 If the individual layers of the blanket are not wide enough to be continuous from side door sill to side door sill, the seam must be overlapped 150 mm (6.0 inches) and it must be placed on alternate sides on each successive layer.

2.5 Roof Armour

2.5.1 Armour used to cover the roof pan area must be installed from the inside.

2.5.2 The roof armour must extend laterally between the side roof rails and longitudinally from the windshield header roof rail armour to the rear partition header roof rail armour.

2.5.3 If more than one piece of armour is used for the roof, any additional pieces of armour of the same material must be back formed by the individual pieces. Any backing plates used must provide an overlap of 25mm (1 in).

2.5.4 The roof armour material must provide complete ballistic protection against threats specified in section 1.2. Obliquity must also be factored in.

3.0 BODY REINFORCEMENT

3.1 Doors

The doors, door hinges and door pillars must be reinforced to maintain the original geometry and prevent the doors from sagging during daily routine use for a minimum period of (5) five years. Should the doors begin to sag within the (5) five year time frame then the repair or the cost of the repair must be covered by the armouring manufacturer at no cost to Global Affairs Canada. All doors are to be equipped with adequate check straps to prevent over extension of the door upon opening. In cases where a rear compartment ballistic door has been installed there is to be a door stop mounted in such a manner as to prevent the back door from over extending when opened. Should the rear door open horizontally, special reinforced hydraulic cylinders must be incorporated in order to assist with the opening of the door as well as maintaining the door open.

3.2 Suspension System, Shocks & Brakes

3.2.1 The suspension system, their attachment points, body mounts, shocks and brakes including calipers must be modified as necessary to meet the expected vehicle weight after armouring of vehicle has been completed.

3.2.2 The following spares must be provided and shipped with each vehicle:

- A. Quantity Two (2) sets of brake pads front and rear.



- B. One complete set of rotors front and rear.

4.0 ANCILLARY EQUIPMENT

4.1 Fuel Tank

Vehicle fuel tank must be protected to mitigate the effects of blast/ballistic attack or open flame near the fuel cell.

4.2 Tires

4.2.1 Vehicle tires and rims, including a full size spare tire must be capable of carrying the modified gross vehicle weight and tires of the fully armoured vehicle.

4.2.2 Vehicles must be equipped with 18" steel belt, radial tubless tires.

4.2.3 The wheels and tires must conform to the wheel and tire association requirements for the apparatus application.

4.2.4 Make, model, size and load rating must be provided with bidders proposal.

4.3 Runflat

Each wheel assembly, including the spare tire, must be fitted with a full-size RODGUARD runflat or equivalent approved by the technical authority.

4.4 Vehicle Jacks

4.4.1 Vehicles must be equipped with hydraulic jacks for ease of operation. They must be capable of lifting and sustaining the lift of one third to one half of the modified gross vehicle weight.

4.4.2 Vehicle jacks must be securely fastened in the cargo compartment in such a manner as to prevent movement while the vehicle is in motion or in the event of a collision.

4.5 Dual Battery System

4.5.1 The armouring manufacturer must install a dual gel cell or seal AGM battery system. The system must provide simple switch-over from main to auxiliary batteries.

4.5.2. The on / off master battery control switch is to be located under the hood, readily accessible to the driver and clearly labeled.

4.6 Vehicle Alarm

4.6.1 The alarm system must provide audible and visual indicators in the event that:

- a) Hood or one of the doors is forced open when the alarm is active; and
- b) Vehicle is bumped or moved when the alarm is active.



4.6.2 The alarm system that is supplied with the vehicle that meets or is modified to meet the above requirement is preferred.

4.7 Front and Rear Ram-Bumpers

4.7.1 Heavy walled box section steel tubing must be located inside the front and rear original equipment bumpers. It must be continuous from side to side. The tubing must be oriented so that its widest section is in the horizontal plane.

4.7.2 Reinforcing members of the same construction must be welded to the ram-bumpers and extend to the vehicle's frame.

4.8 Fire Suppression System (FSS)

4.8.1 A FSS must be installed in the vehicle with the primary purpose of extinguishing fires in the engine compartment. Where possible the FSS canister is to be installed in the engine compartment but not in front of the radiator or behind the bumper. If there is no room in the engine compartment then the FSS canister is to be mounted in the rear cargo compartment in such a manner that it must not interfere with the operation of the FSS. Any FSS tubing must be installed on top of the floor armour and under the carpet and be of such quality so as not to impede with the flow of fire retardant.

4.8.2 The system must also be capable of being manually discharged by a switch located within reach of the driver. The switch must be clearly labeled and protected by a guard to prevent accidental discharge.

4.8.3 The nature of the fire suppressant must be such that it must not cause damage to the engine should it be drawn into the engine air intake when the engine is running

4.8.4 In situations where the fire suppression canisters are located in the baggage compartment suitable protection in the form of a cage or box must be provided to preclude damage from articles placed in the baggage compartment.

4.8.5 A spare FSS canister must be supplied by the manufacturer.

4.8.6 FSS Canisters must be disconnected and placed in appropriate HAZMAT containers to facilitate shipment with the vehicle.

4.8.7 Clear instructions on connecting the FSS canisters must be provided to enable the user to reinstall with ease.

4.9 Exhaust Screen

4.9.1. A wire mesh must be installed and welded across or inside of the tailpipe to prevent the insertion of items larger than 9 mm (3/8 inch) in diameter.

4.9.2 The structure of the wire mesh must be such that it must have



minimal effect on the back pressure of the original equipment exhaust system.

4.10 Locking Gas Cap

4.10.1 The fuel filler cap must be covered by a door that can only be activated by inside the vehicle. If not, a robust locking gas cap must be installed on the vehicle.

4.10.2 If a robust locking gas cap is used the contractor must supply three keys.

4.11 Siren / Public Address System / Intercom Siren / Public Address System

4.11.1 An electronic system must be installed in the vehicle that must emit at least two siren tones and will allow the front passenger and driver to transmit his or her voice through the siren speaker. Controls for this system, including the microphone for the public address system, will be conveniently located within reach of the driver or front passenger, readily accessible and clearly labeled. The bidder is requested to provide detailed information about the system including power rating of the system and speakers.

Intercom

4.11.2 Install a high quality intercom to allow the driver to converse with persons outside and a hand held microphone centrally installed to enable inside/outside communication without opening doors or windows. The system should include separate volume controls for both the inside and outside and be powerful and clear enough that the front passenger and/or driver will be capable of speaking to and hearing from persons located a minimum of (3) three meters from either door.

4.11.3 It is preferable that the requirement at 4.11.1 and 4.11.2 be A SINGLE system.

4.12 VHF/UHF Radio, Antenna and Tracker System

4.12.1 At the time of armouring the manufacturing must be required to pre-wire the vehicle for eventual installation of radio communications. The wiring kit and associated antenna must be provided by Global Affairs Canada, along with installation instructions.

4.12.2 If requested, at the time of armouring the manufacturing must be required to pre-wire the vehicle for eventual installation of Tracker system. The wiring kit must be provided by Global Affairs Canada, along with installation instructions.

4.13 Central Air Conditioning

Vehicles must be equipped with front and rear central air conditioning.

4.14 Running boards



Vehicles must be fitted with left and right side running boards.

4.15 Labeling

4.15.1 All ancillary equipment located under the hood or inside the vehicle must be easily identifiable and clearly labeled.

4.15.2 Labeling for proper tire pressures and wheel nut torque settings must be located within the jam of the drivers door.

4.15.3 Labelling indicating proper fuel must be installed on the inside of the fuel door.

4.16 Power Locks

Vehicle must be equipped with power door locks that are activated by the driver.

4.17 Blast Bolts

(1ea) Blast Bolts to be installed on all four doors and (2ea) Blast Bolts to be installed on the Rear Tailgate.

4.18 Back Up Camera

The armoring manufacturer must equip vehicle with a backup system.

4.19 Reading Lights

A flexible and dimmable rear passenger Reading Light must be provided in such a fashion as to not reach above the lower window line.

4.20 Radio/Audio System/CD player/USB

The armoring manufacturer must install the GAC supplied entertainment system.

5.0 ADDITIONAL TECHNICAL INFORMATION REQUIREMENTS

The armoring manufacturer must supply at time of bid submission the following information:

- a) A certified copy of the original ballistic and blast certification report and certification as issued by Beschussamt Ulm, Beschussamt Mellrichstadt, Beschussamt Munich, IABG Lichtenau, or QinetiQ UK.
- b) Identification of the manufacturer and model of tire and run-flat to be used as per section 4.2 & 4.3
- c) A written description of how the contractor intends to comply with the Ram-bumper requirements, section 4.7
- d) A written description of the fire suppression system including type of suppressant, controls and functions. Refer to Section 4.8
- e) Name and location of armoring facility where armoring process must be completed.



- f) A detailed description of the opaque armour material used to armour the vehicle along with thickness (imperial and/or metric) for side armour, roof, floor, fire wall and rear bulkhead door.
- g) A detailed description of manufacturer, thickness (imperial and metric) of transparent armour.

6.0 ACCEPTANCE INSPECTION

The armouring manufacturer must supply at the time of the acceptance inspection:

- a) A certified true copy of the three dimensional drawings used to armour the vehicle
- b) A material map establishing all of the heat lots/weave lots utilized in the vehicle and their respective locations within the vehicle.
- c) Triplicate copies of all manufacturers' installation and maintenance manuals for the ancillary equipment.
- d) A unique parts list for all ancillary equipment detailing:
 - parts description
 - Original Equipment Manufacturer name
 - Original Equipment Manufacturer's part number
 - retail source of supply
 - Armouring contractor part number
- e) Wiring diagrams for all of the ancillary equipment and any changes made to the OEM wiring harness.
- f)
 - Total Curb Weight (unarmoured)
 - Total Curb Weight (armoured)
 - Curb Weight front axle (armoured)
 - Curb Weight rear axle (armoured)
 - Gross Vehicle Weight
- g) Two (2) copies of the OEM parts and service manuals for each vehicle.
- h) one copy of the pre delivery/Quality Inspection Report.

7.0 TECHNICAL INSPECTION

- 7.1 The Technical Authority must conduct a quality control Technical Inspection once the armouring process has been completed and before the vehicle / vehicles are reassembled.
- 7.2 The manufacturer must be responsible for the quality assurance of all armoured vehicles in compliance with ISO 9001.

8.0 ADDITIONAL REQUIREMENTS

- 8.1 Upon request the Armouring Manufacturer must provide to the Technical Authority random ballistic tests by material lot number and certifications as deemed necessary, at no cost to the Technical Authority.



- 8.2 All ballistic concepts and integration methodologies must have a foundation based on an actual vehicle test based on BRV1999 or equivalent (or a minimum an integrated component such as a complete vehicle side, or underbody) performed within the last five years. These concepts and integration methodologies must be part of the company's quality procedures and maintained as such in the form of engineering critical design features or concepts.
- 8.3 Actual test records certifying direct impacts on fasteners/devices that demonstrated no adverse effects are of special consideration.
- 8.4 The Technical Authority reserves the right to request as soon as possible after the start of the armouring process:
- a) Four (4) 455 mm (18.0 inches) by 455 mm (18.0 inches) flat coupons taken from the same production batch or heat lot as the materials used to armour the vehicle consisting of:
 - i) The fibrous opaque armour.
 - ii) The steel armour.
 - iii) The transparent armour.
 - b) One (1) 865 mm (34.0 inches) by 865 mm (34.0 inches) quilted sample of the blanket used for armouring the floor (if applicable).
- 8.5 The Armouring Manufacturer must assign a manufacturer's number to each vehicle. Only this number must be used to reference the vehicle or the parts and labour associated to it. Under no circumstances must the customer's identity, the standards' names or the vehicle identification numbers be placed on any certification, manufacturing or administrative documents.
- 8.6 Monthly progress reports must to be sent concurrently to the Technical Authority and PWGSC once the base units have reached the manufacturing plant.
- 8.7 All of the interior trim, including the door panels, roof liner, fire wall and wheel wells must to be reinstalled to resemble the OEM configuration.
- 8.8 A list of approved repair facilities must be provided for each destination.

9.0 WARRANTY (Armouring and Ancillary Equipment)

The Armouring Manufacturer must comply, in writing with a warranty of two (2) years on all armour material and all vehicle systems and ancillary equipment that must be modified in order to accommodate the armouring. The Armouring Manufacturer must also be responsible to honour the OEM Warranty for the quality and installation of replacement parts during the two year time frame if it is determined that the replacement part was defective or sub-standard. The warranty must also bind the armourer to supply the replacement parts and conduct the associated repairs free of charge to the customer. The Armouring Manufacturer must also certify the availability of servicing of the armour and ancillary equipment by the armourer, or other supplier, for a period of ten years.

10.0 MANUAL OF OPERATION

- 10.1 At time of final instruction the Armouring Manufacturer must provide (1) copy of an operations manual that includes illustrations (or photos) of switches/controls for all ancillary equipment (dual battery system, fire suppressant system, siren/public address, system, intercom, alarm system) with detailed instructions on method of operations.
- 10.2 Manuals must include clear instructions on method required to change tires on the run-flat configuration, including illustrations or photos to provide clarity to instructions.
- 10.3 Manuals must include clear instructions on assembly, disassembly, and installation of run-flat device.



- 10.4 Manuals must include specifications of tires, including size, load rating requirement (weight limit), required tired pressure.
- 10.5 Manuals must contain maintenance instructions for transparent armour - do's and don'ts.
- 10.6 Manuals must contain instructions on how to correctly connect / disconnect and install batteries and able / disable the vehicle alarm system when doing so.
- 10.7 All specifications with respect to the upgrade of brakes, callipers, rotors, pads etc from original OE must be listed with replacement part numbers.
- 10.8 Manuals must be provided in English and be available upon request in Arabic, French and Spanish.
- 10.9 1 manuals (hard copy) to go with the vehicles and 1 copy (PDF) to go to the TA.

11.0 LETTER OF COMPLIANCE

11.1 It is the sole responsibility of the Armouring Manufacturer to ensure a letter of compliance accompanies each vehicle. The letter must state that each vehicle was manufactured to comply with the applicable import motor vehicle specifications of the destination host country.

12.0 GENERAL COMMENTS

12.1 The requirements of this specification must not be changed or altered in any way without prior approval of the technical inspection authority. This includes the installation or substitution of any equivalent materials or options mentioned in this specification.

12.2 Technical Authority

Mr. Harold Thériault
Global Affairs Canada

12.3 If any original equipment is removed from the vehicle and replaced or substituted, the method of replacement or substitution must comply fully with the vehicle manufacturer's specifications.

12.4 Any painted surfaces that are cracked or broken in the process of meeting the requirements of this specification must be refinished in accordance with the specifications set out by the OEM for the repair of damaged paint.



ANNEX “B”- BASIS OF PAYMENT

Initial Requirement:

The Contractor must deliver the vehicle/equipment including all ancillary items, in accordance with the attached Annex “A” – Statement of Work Global Affairs Canada Armoured Vehicle Manufacturing Specification. Total cost must not include any applicable taxes or shipping costs.

Item	Description	Quantity (A)	Unit Price (B)	Extended Price (C) (AxB)
001	Transportation of base vehicle from TGS to Contractor's facility (Item 001 will not be included in the financial evaluation)	7		Negotiated Price: \$(to be negotiated for firm quantities) per vehicle/equipment, for transportation cost, Delivered Duty Unpaid at final destination, in accordance with Clause 6.5.1, Basis of Payment Type 3.
002	Armouring of Left-hand drive Diesel Avs in accordance with Appendix 1- AV Technical Specification	5	\$ _____	\$ _____
003	Armouring of Right-hand drive Diesel Avs in accordance with Appendix 1- AV Technical Specification	2	\$ _____	\$ _____
004	Transportation of Avs from contractor facility to storage (Item 004 will not be included in the financial evaluation)	7		Negotiated Price: \$(to be negotiated for firm quantities) per vehicle/equipment, for transportation cost, Delivered Duty Unpaid at final destination, in accordance with Clause 6.5.1, Basis of Payment Type 3.
			Total (extended price of item 002+ extended price of item 003)	\$ _____



Optional Requirement:

If the option is proposed by the contractor and exercised by GAC, The Contractor must store the vehicles for up to one year, in accordance with the attached Annex "A" – Statement of Work. Total cost must not include any applicable taxes or shipping costs.

Item	Description	Quantity(A)	Unit Price per month(B)	Extended Price per Month(C) (A*B)
005	Storage of AVs (Item 005 will not be included in the financial evaluation)	7	\$ _____	\$ _____
006	Transportation of Avs from storage to missions determined by GAC at a later date (Item 006 will not be included in the financial evaluation)	7	Negotiated Price: \$(to be negotiated for firm quantities) per vehicle/equipment, for transportation cost, Delivered Duty Unpaid at final destination, in accordance with Clause 6.5.1, Basis of Payment Type 3.	
			Total (extended price of item (005))	\$ _____

Contractor's Proposed Location: _____



ANNEX "C"- SECURITY REQUIREMENT CHECKLIST (SRCL)



Government of Canada /
Gouvernement du Canada

Contract Number / Numéro du contrat
Security Classification / Classification de sécurité Unclassified

SECURITY REQUIREMENTS CHECK LIST (SRCL)

LISTE DE VÉRIFICATION DES EXIGENCES RELATIVES À LA SÉCURITÉ (LVERS)

PART A - CONTRACT INFORMATION / PARTIE A - INFORMATION CONTRACTUELLE		
1. Originating Government Department or Organization / Ministère ou organisme gouvernemental d'origine	2. Branch or Directorate / Direction générale ou Direction AWD	
3. a) Subcontract Number / Numéro du contrat de sous-traitance	3. b) Name and Address of Subcontractor / Nom et adresse du sous-traitant	
4. Brief Description of Work / Brève description du travail Armouring of supplied Toyota Land Cruisers 200		
5. a) Will the supplier require access to Controlled Goods? Le fournisseur aura-t-il accès à des marchandises contrôlées? <input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui		
5. b) Will the supplier require access to unclassified military technical data subject to the provisions of the Technical Data Control Regulations? Le fournisseur aura-t-il accès à des données techniques militaires non classifiées qui sont assujetties aux dispositions du Règlement sur le contrôle des données techniques? <input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui		
6. Indicate the type of access required / Indiquer le type d'accès requis		
6. a) Will the supplier and its employees require access to PROTECTED and/or CLASSIFIED information or assets? Le fournisseur ainsi que les employés auront-ils accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS? (Specify the level of access using the chart in Question 7. c) (Préciser le niveau d'accès en utilisant le tableau qui se trouve à la question 7. c) <input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui		
6. b) Will the supplier and its employees (e.g. cleaners, maintenance personnel) require access to restricted access areas? No access to PROTECTED and/or CLASSIFIED information or assets is permitted. Le fournisseur et ses employés (p. ex. nettoyeurs, personnel d'entretien) auront-ils accès à des zones d'accès restreintes? L'accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS n'est pas autorisé. <input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui		
6. c) Is this a commercial courier or delivery requirement with no overnight storage? S'agit-il d'un contrat de messagerie ou de livraison commerciale sans entreposage de nuit? <input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui		
7. a) Indicate the type of information that the supplier will be required to access / Indiquer le type d'information auquel le fournisseur devra avoir accès		
Canada <input type="checkbox"/>	NATO / OTAN <input type="checkbox"/>	Foreign / Étranger <input type="checkbox"/>
7. b) Release restrictions / Restrictions relatives à la diffusion		
No release restrictions Aucune restriction relative à la diffusion <input type="checkbox"/>	All NATO countries Tous les pays de l'OTAN <input type="checkbox"/>	No release restrictions Aucune restriction relative à la diffusion <input type="checkbox"/>
Not releasable À ne pas diffuser <input type="checkbox"/>		
Restricted to: / Limité à: <input type="checkbox"/>	Restricted to: / Limité à: <input type="checkbox"/>	Restricted to: / Limité à: <input type="checkbox"/>
Specify country(ies): / Préciser le(s) pays: <input type="checkbox"/>	Specify country(ies): / Préciser le(s) pays: <input type="checkbox"/>	Specify country(ies): / Préciser le(s) pays: <input type="checkbox"/>
7. c) Level of information / Niveau d'information		
PROTECTED A PROTÉGÉ A <input type="checkbox"/>	NATO UNCLASSIFIED NATO NON CLASSIFIÉ <input type="checkbox"/>	PROTECTED A PROTÉGÉ A <input type="checkbox"/>
PROTECTED B PROTÉGÉ B <input type="checkbox"/>	NATO RESTRICTED NATO DIFFUSION RESTREINTE <input type="checkbox"/>	PROTECTED B PROTÉGÉ B <input type="checkbox"/>
PROTECTED C PROTÉGÉ C <input type="checkbox"/>	NATO CONFIDENTIAL NATO CONFIDENTIEL <input type="checkbox"/>	PROTECTED C PROTÉGÉ C <input type="checkbox"/>
CONFIDENTIAL CONFIDENTIEL <input type="checkbox"/>	NATO SECRET NATO SECRET <input type="checkbox"/>	CONFIDENTIAL CONFIDENTIEL <input type="checkbox"/>
SECRET SECRET <input type="checkbox"/>	COSMIC TOP SECRET COSMIC TRÈS SECRET <input type="checkbox"/>	SECRET SECRET <input type="checkbox"/>
TOP SECRET TRÈS SECRET <input type="checkbox"/>		TOP SECRET TRÈS SECRET <input type="checkbox"/>
TOP SECRET (SIGINT) TRÈS SECRET (SIGINT) <input type="checkbox"/>		TOP SECRET (SIGINT) TRÈS SECRET (SIGINT) <input type="checkbox"/>

TBS/SCT 350-103(2004/12)

Security Classification / Classification de sécurité
Unclassified





Government of Canada
Gouvernement du Canada

Contract Number / Numéro du contrat
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PART A (continued) / PARTIE A (suite)

8. Will the supplier require access to PROTECTED and/or CLASSIFIED COMSEC information or assets?
Le fournisseur aura-t-il accès à des renseignements ou à des biens COMSEC désignés PROTÉGÉS et/ou CLASSIFIÉS? No Yes
Non Oui

If Yes, indicate the level of sensitivity:
Dans l'affirmative, indiquer le niveau de sensibilité :

9. Will the supplier require access to extremely sensitive INFOSEC information or assets?
Le fournisseur aura-t-il accès à des renseignements ou à des biens INFOSEC de nature extrêmement délicate? No Yes
Non Oui

Short Title(s) of material / Titre(s) abrégé(s) du matériel :
Document Number / Numéro du document :

PART B - PERSONNEL (SUPPLIER) / PARTIE B - PERSONNEL (FOURNISSEUR)

10. a) Personnel security screening level required / Niveau de contrôle de la sécurité du personnel requis

<input type="checkbox"/> RELIABILITY STATUS COTE DE FIABILITÉ	<input type="checkbox"/> CONFIDENTIAL CONFIDENTIEL	<input type="checkbox"/> SECRET SECRET	<input type="checkbox"/> TOP SECRET TRÈS SECRET
<input type="checkbox"/> TOP SECRET – SIGINT TRÈS SECRET – SIGINT	<input type="checkbox"/> NATO CONFIDENTIAL NATO CONFIDENTIEL	<input type="checkbox"/> NATO SECRET NATO SECRET	<input type="checkbox"/> COSMIC TOP SECRET COSMIC TRÈS SECRET
<input type="checkbox"/> SITE ACCESS ACCÈS AUX EMPLACEMENTS			

Special comments:
Commentaires spéciaux : _____

NOTE: If multiple levels of screening are identified, a Security Classification Guide must be provided.
REMARQUE : Si plusieurs niveaux de contrôle de sécurité sont requis, un guide de classification de la sécurité doit être fourni.

10. b) May unscreened personnel be used for portions of the work?
Du personnel sans autorisation sécuritaire peut-il se voir confier des parties du travail? No Yes
Non Oui

If Yes, will unscreened personnel be escorted?
Dans l'affirmative, le personnel en question sera-t-il escorté? No Yes
Non Oui

PART C - SAFEGUARDS (SUPPLIER) / PARTIE C - MESURES DE PROTECTION (FOURNISSEUR)

INFORMATION / ASSETS / RENSEIGNEMENTS / BIENS

11. a) Will the supplier be required to receive and store PROTECTED and/or CLASSIFIED information or assets on its site or premises?
Le fournisseur sera-t-il tenu de recevoir et d'entreposer sur place des renseignements ou des biens PROTÉGÉS et/ou CLASSIFIÉS? No Yes
Non Oui

11. b) Will the supplier be required to safeguard COMSEC information or assets?
Le fournisseur sera-t-il tenu de protéger des renseignements ou des biens COMSEC? No Yes
Non Oui

PRODUCTION

11. c) Will the production (manufacture, and/or repair and/or modification) of PROTECTED and/or CLASSIFIED material or equipment occur at the supplier's site or premises?
Les installations du fournisseur serviront-elles à la production (fabrication et/ou réparation et/ou modification) de matériel PROTÉGÉ et/ou CLASSIFIÉ? No Yes
Non Oui

INFORMATION TECHNOLOGY (IT) MEDIA / SUPPORT RELATIF À LA TECHNOLOGIE DE L'INFORMATION (TI)

11. d) Will the supplier be required to use its IT systems to electronically process, produce or store PROTECTED and/or CLASSIFIED information or data?
Le fournisseur sera-t-il tenu d'utiliser ses propres systèmes informatiques pour traiter, produire ou stocker électroniquement des renseignements ou des données PROTÉGÉS et/ou CLASSIFIÉS? No Yes
Non Oui

11. e) Will there be an electronic link between the supplier's IT systems and the government department or agency?
Disposera-t-on d'un lien électronique entre le système informatique du fournisseur et celui du ministère ou de l'agence gouvernementale? No Yes
Non Oui



Government of Canada / Gouvernement du Canada

Contract Number / Numéro du contrat
Security Classification / Classification de sécurité Unclassified

PART C - (continued) / PARTIE C - (suite)

For users completing the form manually use the summary chart below to indicate the category(ies) and level(s) of safeguarding required at the supplier's site(s) or premises.

Les utilisateurs qui remplissent le formulaire manuellement doivent utiliser le tableau récapitulatif ci-dessous pour indiquer, pour chaque catégorie, les niveaux de sauvegarde requis aux installations du fournisseur.

For users completing the form online (via the Internet), the summary chart is automatically populated by your responses to previous questions. Dans le cas des utilisateurs qui remplissent le formulaire en ligne (par Internet), les réponses aux questions précédentes sont automatiquement saisies dans le tableau récapitulatif.

SUMMARY CHART / TABLEAU RÉCAPITULATIF

Category / Catégorie	PROTECTED / PROTÉGÉ			CLASSIFIED / CLASSIFIÉ			NATO				COMSEC					
	A	B	C	CONFIDENTIAL	SECRET	TOP SECRET	NATO RESTRICTED	NATO CONFIDENTIAL	NATO SECRET	COSMIC TOP SECRET	PROTECTED / PROTÉGÉ			CONFIDENTIAL	SECRET	TOP SECRET
				CONFIDENTIEL		TRÈS SECRET	NATO DIFFUSION RESTREINTE	NATO CONFIDENTIEL		COSMIC TRÈS SECRET	A	B	C	CONFIDENTIEL		TRÈS SECRET
Information / Assets / Renseignements / Biens / Production																
IT Media / Support TI / IT Link / Lien électronique																

12. a) Is the description of the work contained within this SRCL PROTECTED and/or CLASSIFIED? La description du travail visé par la présente LVERS est-elle de nature PROTÉGÉE et/ou CLASSIFIÉE? No / Non Yes / Oui

If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification". Dans l'affirmative, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée « Classification de sécurité » au haut et au bas du formulaire.

12. b) Will the documentation attached to this SRCL be PROTECTED and/or CLASSIFIED? La documentation associée à la présente LVERS sera-t-elle PROTÉGÉE et/ou CLASSIFIÉE? No / Non Yes / Oui

If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification" and indicate with attachments (e.g. SECRET with Attachments). Dans l'affirmative, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée « Classification de sécurité » au haut et au bas du formulaire et indiquez qu'il y a des pièces jointes (p. ex. SECRET avec des pièces jointes).



Government of Canada / Gouvernement du Canada

Contract Number / Numéro du contrat
Security Classification / Classification de sécurité Unclassified

PART D - AUTHORIZATION / PARTIE D - AUTORISATION			
13. Organization Project Authority / Chargé de projet de l'organisme			
Name (print) - Nom (en lettres moulées) Harold Theriault		Title - Titre Armoured Vehicle Program Manager	Signature
Telephone No. - N° de téléphone 343-203-3244	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel Harold.Theriault@international.gc.ca	Date 20 July 2019
14. Organization Security Authority / Responsable de la sécurité de l'organisme			
Name (print) - Nom (en lettres moulées) Andreea Stoinesteanu		Title - Titre Contract Security Co-ordinator	Signature
Telephone No. - N° de téléphone 343-203-3069	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel Andreea.Stoinesteanu@international.gc.ca	Date
15. Are there additional instructions (e.g. Security Guide, Security Classification Guide) attached? Des instructions supplémentaires (p. ex. Guide de sécurité, Guide de classification de la sécurité) sont-elles jointes?			<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui
16. Procurement Officer / Agent d'approvisionnement			
Name (print) - Nom (en lettres moulées)		Title - Titre	Signature
Telephone No. - N° de téléphone	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel	Date
17. Contracting Security Authority / Autorité contractante en matière de sécurité			
Name (print) - Nom (en lettres moulées)		Title - Titre	Signature
Telephone No. - N° de téléphone	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel	Date



ANNEX “D” to PART 3 OF THE BID SOLICITATION

ELECTRONIC PAYMENT INSTRUMENTS

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

- Direct Deposit (Domestic and International);
- Wire Transfer (International Only);



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](#) website.

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](#) being subject to the [Employment Equity Act](#).
- () A4. The Bidder certifies having a combined work force in Canada of less than 100 permanent full-time and/or permanent part-time employees.

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. 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-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)



TECHNICAL EVALUATION PLAN

GLOBAL AFFAIRS CANADA

1.0 GENERAL

1.1 Purpose

This document outlines the bid evaluation process for GAC Armoured Vehicles.

1.2 Instructions

Bidders will be assessed in accordance with the criteria detailed in this document. Mandatory requirements are identified by the word "must". All mandatory requirements must be met.

2.0 PROPOSAL REQUIREMENTS

The Bidder must provide a completed Compliance Matrix including proof of compliance and Written Attestations, as specified in Table 1. For the purposes of this RFP, a Written Attestation is a written statement from the Bidder, signed by an authorized company representative, guaranteeing it will fully comply with the requirement identified in the "Requirement" column of Table 1. Canada reserves the right to verify the statements made in the Written Attestation.

BIDDER: _____ **Date:** _____

Evaluator Name: _____ **Signature:** _____



3.0 MANDATORY REQUIREMENTS

Table 1: Compliance Matrix

The following requirements are the mandatory technical evaluation criteria which will be evaluated during the Bid Evaluation. In addition the Contractor will be required to meet all of the mandatory technical requirements for the duration of the Contract. Bidders are requested to cross reference the mandatory technical criteria in a concise format by using page, paragraph(s) & sub-paragraphs as applicable to their supporting technical documentation.

ELEMENT	MET / NOT MET	BID PAGE # REFEREN CE	GAC VERIFIE D
1.0 Certifications			
1.1 The certification of the basic armouring design must be the result of an actual vehicle test in accordance with BRV 1999 level VR6 or VPAM-BRV 2009 level VR7 by an internationally renowned and accepted testing authority equivalent to, Beschussamt Ulm, Beschussam Mellrichstadt, Beschussam Munich, IABG Lichtenau or Qineti Q UK.			
1.2 All certificates must be in the bidders name or at least the bidder must have a licence agreement from originator to armour the vehicles to the certification level addressed in paragraph 1.2 above. Licence agreement must be provided with bid.			
1.3 The manufacturer must be responsible for the quality assurance of all armoured vehicles in compliance with ISO 9001. As			
1.4 The bidder must provide certificates for the following tests/certifications and a point of contact at the authority where the certification was conducted for verification. If the certificate consists of more than one page, all pages are to be submitted together with the bid.			
1.4.1 Certificate that confirms that the vehicle has successfully passed BRV 1999 version 15 July 1999 Testing and Certification of Bullet Resistant Vehicles, level VR6 or VPAM-BRV 2009, level VR7 together with the entire test report.			



ELEMENT	MET / NOT MET	BID PAGE # REFEREN CE	GAC VERIFIE D
1.4.2 Certificate that confirms that (2) DM51 hand grenades were detonated on its roof in accordance with Federal German Criminal Department (BKA) requirements and that the test was witnessed and successfully passed by the association of test laboratories for bullet resistant materials and constructions (VPAM) of Germany together with the entire test report.			
1.4.3 Certificate that confirms that (1) DM 31 anti-personnel mine was detonated in accordance with STANAG 4569, AEP55 VOL. 2 ED1, level 1, under the driver's seat and that the test was successfully passed in together with the entire test report.			
1.4.4 Certificate that confirms that in accordance with STANAG 4569, AEP 55, Volume 3 (Edition 1) final version, an explosive charge with the blast force of 15kg TNT was detonated centrally at (2) two meters to the side passenger compartment 100cm above the ground, successfully passed and witnessed by an internationally renowned and accepted testing authority such as Beschussamt Ulm, Beschussam Mellrichstadt, Beschussamt Munich, IABG Lichtenau, or Qineti Q UK. The entire test report must be submitted, together with the bid.			
1.4.5 All tests with explosives must have been conducted with a technical equivalent to Hybrid III dummy for floor tests and a EUROSid dummy for side blast tests properly positioned in the driver's seat, connected with data recording system capable of measuring the acceleration forces and compressions caused by the effects of the blast. The recorded data must be submitted together with the bid. Non-compliance will result in the rejection of the bidder.			
2.0 ARMOUR APPLICATION			
2.1 Transparent Armour			
2.1.1 All original equipment glazing must be removed and replaced with non-spalling glass/polycarbonate composite or ceramic type transparent armour. The left and right rear quarter glass can either be replaced with above or remain OEM glazing if the inside is covered with armouring material.			
2.1.2 All transparent armour must be formed to the original equipment glazing curvature and must afford lateral ballistic resistance as per CAEN 1063, 1522, 1523 VR6/VR7 addressing the minimum threats outlined in section 1.2 above.			
2.1.3 All transparent armour must be of high optical quality and guaranteed for forty-eight (48) months against factory defects. Glazing with irregularities which distort the driver's vision or provide a hindrance to the safe operation of the vehicle must not be accepted. The technical authority may reject any glazing which is deemed to be a hazard.			



ELEMENT	MET / NOT MET	BID PAGE # REFEREN CE	GAC VERIFIE D
2.1.4. Transparent armour of the windshield, the driver's door window and front passenger's door window must not contain any tinting, except as naturally occurs in the glazing process.			
2.1.5. The transparent armour and the opaque armour that surrounds it must be designed and installed so that there is a minimum overlap of 20 mm (0.75 inch) between both armour on all edges.			
2.1.6. The transparent armour in the driver's side front door must be operable and must drop to a maximum of 50 mm (2.0 inches). All other windows must be made completely inoperable.			
2.1.7. The closing cycle of the driver's window must not exceed 4 seconds from fully open to fully closed.			
2.1.8 All glazing supplied by the armouring manufacturer must be edge protected to prevent damage from any possible glass / metal contact with either the vehicle body or adjacent armour installation.			
2.1.9. The transparent armour must not have an area density in excess of 97.6 Kg/m ² (20 pounds per square foot).			
2.1.10. A detailed description of manufacturer, thickness (imperial and metric) of transparent armour.			
2.2 Transparent Armour Tinting			
2.2.1 There must be absolutely no tinting applications for the transparent armour of the windshield, the driver's window and front passenger's window, except as naturally occurs in the glazing process.			
2.2.2 Tinting applications for transparent armour on the rear passenger's windows, rear quarter panel (cargo area) and rear door/hatch windows can be of a darkness that diminishes the view of armouring, unless otherwise specified on the call up. Tinting application must not exceed 29% of the total 100% of light transparency and comply with the import country's import regulations.			
2.2.3 Any tinting process must not diminish the performance of the Transparent armour nor result in a reduction in the life span.			
2.3 Opaque Armour			



ELEMENT	MET / NOT MET	BID PAGE # REFEREN CE	GAC VERIFIE D
2.3.1. Opaque armour must be installed in the vehicle to provide ballistic protection as per DIN EN 1063, 1522, 1523, VR6/ VR7 level addressing minimum threats outlined in section 1.2 above.			
2.3.2. The armour must cover the entire perimeter of the passenger compartment, firewall including front wings, baggage area, roof and floor with the exception of transparent armour areas.			
2.3.3. The armour must be overlapped at joints, seams and adjacent areas a minimum of 20 mm (0.75). In the case of a butt joint that requires a cover plate, if the gap between the plates is less than 1.5 mm (0.05) wide then the cover plate can be high hardness steel 3 mm (0,125) thick. If the joint is wider than 1.5 mm (0.05), then the cover plate must be constructed of the same material as the parent plates.			
2.3.4. The armour must have a real density that must not exceed 64 Kg/m ² .			
2.3.5. Openings cut into the armour to provide access for locking mechanisms, mirrors, etc. must be boxed with equivalent armour material to ensure that the overlap requirements of paragraph 2.3.3 and the ballistic protection requirements of paragraph 1.2 must be met.			
2.3.6. Any fasteners or devices not specifically addressed in this specification but utilized to secure armour materials in place must be designed and installed so as to not present a hazard within the vehicle as a result of ballistic impact from the threats delineated in paragraph 1.2. Prior approval from the technical authority in their application must also be sought prior to their use			
2.3.7. The surfaces of all armour material must be coated with zinc chromate or an equivalent rust inhibitor.			
2.3.8. An access port of 50mm by 50mm must be provided between engine and passenger compartment to allow for electronics cabling. This access port must be boxed with equivalent armour material to ensure that the overlap requirements of paragraph 2.3.3 and the ballistic protection requirements of paragraph 1.2 must be met.			
2.3.9. A detailed description of the opaque armour material used to armour the vehicle along with thickness (metric) for side armour, roof, floor, fire wall and rear bulkhead door.			
2.4 Floor Armour			
2.4.1 The floor armour must provide minimum protection level acceptable to withstand blasts underneath the vehicle from two simultaneous detonations of DM51 German ordinance grenades and/or similar blast, level addressing minimum threats outlined in paragraph 1.2 above.			
2.4.2 No openings apart from bolt holes and seat mounting brackets must be allowed.			



ELEMENT	MET / NOT MET	BID PAGE # REFEREN CE	GAC VERIFIE D
2.4.3 If a steel floor is utilized, all welds must be continuous to insure Integrity against a blast event.			
2.5 Roof Armour			
2.5.1 Armour used to cover the roof pan area must be installed from the inside.			
2.5.2 The roof armour must extend laterally between the side roof rails and longitudinally from the windshield header roof rail armour to the rear partition header roof rail armour.			
2.5.3 If more than one piece of armour is used for the roof, any additional pieces of armour of the same material must be back formed by the individual pieces. Any backing plates used must provide an overlap of 25mm (1 in).			
2.5.4 The roof armour material must provide complete ballistic protection against threats specified in section 1.2. Obliquity must also be factored in.			
3.0 BODY REINFORCEMENT			
3.1 Doors			
The doors, door hinges and door pillars must be reinforced to maintain the original geometry and prevent the doors from sagging during daily routine use for a minimum period of sixty (60) months. Should the doors begin to sag within the 60 month time frame then the repair or the cost of the repair must be covered by the armoring manufacturer at no cost to Global Affairs Canada. All doors are to be equipped with adequate check straps to prevent over extension of the door upon opening. In cases where a rear compartment ballistic door has been installed there is to be a door stop mounted in such a manner as to prevent the back door from over extending when opened. Should the rear door open horizontally, special reinforced hydraulic cylinders must be incorporated in order to assist with the opening of the door as well as maintaining the door open.			
3.2 Suspension System, Shocks & Brakes			



ELEMENT	MET / NOT MET	BID PAGE # REFEREN CE	GAC VERIFIE D
3.2.1 The suspension system, their attachment points, body mounts, shocks and brakes including calipers must be modified as necessary to meet the expected vehicle weight after armoring of vehicle has been completed.			
3.2.2 The following spares must be provided and shipped with each vehicle: <ul style="list-style-type: none"> Quantity Two (2) sets of brake pads front and rear. One complete set of rotors front and rear. 			
4.0 ANCILLARY EQUIPMENT			
4.1 Fuel Tank			
Vehicle fuel tank must be protected to mitigate the effects of blast/ballistic attack or open flame near the fuel cell.			
4.2 Tires			
4.2.1 Vehicle tires and rims, including a full size spare tire must be capable of carrying the modified gross vehicle weight and tires of the fully armoured vehicle.			
4.2.2 Vehicles must be equipped with 18" steel belt, radial tubeless tires.			
4.2.3 The wheels and tires must conform to the wheel and tire association requirements for the apparatus application.			
4.2.4 Make, model, size and load rating must be provided with bidder's proposal.			
4.3 Run Flat			



ELEMENT	MET / NOT MET	BID PAGE # REFEREN CE	GAC VERIFIE D
Each wheel assembly, including the spare tire, must be fitted with a full-size RODGUARD run flat or equivalent approved by the technical authority.			
4.4 Vehicle Jacks			
4.4.1 Vehicles must be equipped with hydraulic jacks for ease of operation. They must be capable of lifting and sustaining the lift of one third to one half of the modified gross vehicle weight.			
4.4.2 Vehicle jacks must be securely fastened in the cargo compartment in such a manner as to prevent movement while the vehicle is in motion or in the event of a collision.			
4.5 Dual Battery System			
4.5.1 The armouring manufacturer must install a dual gel cell or sealed AGM battery system. The system must provide simple switch-over from main to auxiliary batteries.			
4.5.2 The on / off master battery control switch is to be located under the hood, readily accessible to the driver and clearly labeled.			
4.6 Vehicle Alarm			
4.6.1 The alarm system must provide audible and visual indicators in the event that: <ul style="list-style-type: none"> • Hood or one of the doors is forced open when the alarm is active. • Vehicle is bumped or moved when the alarm is active. 			
4.6.2 The alarm system that is supplied with the vehicle that meets or is modified to meet the above requirement is preferred.			



ELEMENT	MET / NOT MET	BID PAGE # REFEREN CE	GAC VERIFIE D
4.7 Front and Rear Ram-Bumpers			
4.7.1 Heavy walled box section steel tubing must be located inside the front and rear original equipment bumpers. It must be continuous from side to side. The tubing must be oriented so that its widest section is in the horizontal plane.			
4.7.2 Reinforcing members of the same construction must be welded to the ram-bumpers and extend to the vehicle's frame.			
4.7.3 Manufacture must provide a written description as to how they intend to comply with the Ram-bumper requirement.			
4.8 Fire Suppression System			
4.8.1 A FSS must be installed in the vehicle with the primary purpose of extinguishing fires in the engine compartment. Where possible the FSS canister is to be installed in the engine compartment but not in front of the radiator or behind the bumper. If there is no room in the engine compartment then the FSS canister is to be mounted in the rear cargo compartment in such a manner that it must not interfere with the operation of the FSS. Any FSS tubing must be installed on top of the floor armour and under the carpet and be of such quality so as not to impede with the flow of fire retardant.			
4.8.2 The system must also be capable of being manually discharged by a switch located within reach of the driver. The switch must be clearly labeled and protected by a guard to prevent accidental discharge.			
4.8.3 The nature of the fire suppressant must be such that it must not cause damage to the engine should it be drawn into the engine air intake when the engine is running.			
4.8.4 In situations where the fire suppression canisters are located in the baggage compartment suitable protection in the form of a cage or box must be provided to preclude damage from articles placed in the baggage compartment.			
4.8.5 A spare FSS canister must be supplied by the manufacturer.			
4.8.6 FSS Canisters must be disconnected and placed in appropriate HAZMAT containers to facilitate shipment with the vehicle.			
4.8.7 Clear instructions on connecting the FSS canisters must be provided to enable the user to reinstall with ease.			



ELEMENT	MET / NOT MET	BID PAGE # REFEREN CE	GAC VERIFIE D
4.9 Exhaust Screen			
4.9.1 A wire mesh must be installed and welded across or inside of the tailpipe to prevent the insertion of items larger than 9 mm (3/8 inch) in diameter.			
4.9.2 The structure of the wire mesh must be such that it must have minimal effect on the back pressure of the original equipment exhaust system.			
4.10 Locking Gas Cap			
4.10.1 The fuel filler cap must be covered by a door that can only be activated by inside the vehicle. If not, a robust locking gas cap must be installed on the vehicle.			
4.10.2 If a robust locking gas cap is used the contractor must supply three keys.			
4.11 Siren / Public Address System / Intercom			
Siren / Public Address System			
4.11.1 An electronic system must be installed in the vehicle that must emit at least two siren tones and will allow the front passenger and driver to transmit his or her voice through the siren speaker. Controls for this system, including the microphone for the public address system, will be conveniently located within reach of the driver or front passenger, readily accessible and clearly labeled. The bidder is requested to provide detailed information about the system including power rating of the system and speakers.			
Intercom			



ELEMENT	MET / NOT MET	BID PAGE # REFEREN CE	GAC VERIFIE D
4.11.2 Install a high quality intercom to allow the driver to converse with persons outside and a hand held microphone centrally installed to enable inside/outside communication without opening doors or windows. The system should include separate volume controls for both the inside and outside and be powerful and clear enough that the front passenger and/or driver will be capable of speaking to and hearing from persons located a minimum of (3) three meters from either door.			
4.11.3 It is preferable that the requirement at 4.11.1 and 4.11.2 be a SINGLE SYSTEM.			
4.12 VHF/UHF Radio, Antenna and Tracker System			
4.12.1 At the time of armouring the manufacturer must be required to pre-wire the vehicle for eventual installation of radio communications. The wiring kit and associated antenna must be provided by Global Affairs Canada, along with installation instructions.			
4.12.2 If requested, at the time of armouring the manufacturing must be required to pre-wire the vehicle for eventual installation of Tracker system. The wiring kit must be provided by Global Affairs Canada, along with installation instructions.			
4.13 Central Air Conditioning			
Vehicles must be equipped with front and rear central air conditioning.			
4.14 Running boards			
Vehicles must be fitted with left and right side running boards.			
4.15 Labeling			



ELEMENT	MET / NOT MET	BID PAGE # REFEREN CE	GAC VERIFIE D
4.15.1 All ancillary equipment located under the hood or inside the vehicle must be easily identifiable and clearly labeled.			
4.15.2 Labeling for proper tire pressures and wheel nut torque settings must be located within the jam of the driver's door.			
4.15.3 Labelling indicating proper fuel must be installed on the inside of the fuel door.			
4.16 Power Locks			
Vehicle must be equipped with power door locks that are activated by the driver.			
4.17 Blast Bolts			
(1 each) Blast Bolts to be installed on all four doors and (2 each) Blast Bolts to be installed on the Rear Tailgate.			
4.18 Backup Camera			
The armouring manufacturer must equip vehicle with a backup camera system.			
4.19 Reading Lights			
A flexible and dimmable rear passenger Reading Light must be provided in such a fashion as to not reach above the lower window line.			



ELEMENT	MET / NOT MET	BID PAGE # REFEREN CE	GAC VERIFIE D
4.20 Radio/Audio System/CD player/USB			
Armouring Manufacturer must install the GAC supply entertainment system.			
5.0 ADDITIONAL TECHNICAL INFORMATION REQUIRMENTS			
<p>The armouring manufacturer must supply at time of bid submission the following information:</p> <ul style="list-style-type: none"> • A certified copy of the original ballistic and blast certification report and certification as issued by Beschussamt Ulm, Beschussam Mellrichstadt, Beschussam Munich, IABG Lichtenau, or QinettiQ UK. • Identification of the manufacturer and model of tire and run-flat to be used as per section 4.2 & 4.3 h) A written description of how the contractor intends to comply with the Ram-bumper requirements, section 4.7 i) A written description of the fire suppression system including type of suppressant, controls and functions. Refer to Section 4.8 j) Name and location of armouring facility where armouring process must be completed. k) A detailed description of the opaque armour material used to armour the vehicle along with thickness (imperial and/or metric) for side armour, roof, floor, fire wall and rear bulkhead door. l) A detailed description of manufacturer, thickness (imperial and metric) of transparent armour. 			
6.0 ACCEPTANCE INSPECTION			
<p>The armouring manufacturer must supply at the time of the acceptance inspection:</p> <ul style="list-style-type: none"> • A certified true copy of the three dimensional drawings used to armour the vehicle • Name and location of armouring facility where armouring process must be completed. • A material map establishing all of the heat lots utilized in the vehicle and their respective locations within the vehicle. • Triplicate copies of all manufacturers' installation and maintenance manuals for the ancillary equipment. • A unique parts list for all ancillary equipment detailing: 			



ELEMENT	MET / NOT MET	BID PAGE # REFEREN CE	GAC VERIFIE D
<ul style="list-style-type: none"> ○ Parts description ○ Original Equipment Manufacturer name ○ Original Equipment Manufacturer’s part number ○ Retail source of supply ○ Armouring contractor part number ● Wiring diagrams for all of the ancillary equipment and any changes made to the OEM wiring harness. ● Total Curb Weight (un-armoured) ● Total Curb Weight (armoured) ● Curb Weight front axle (armoured) ● Curb Weight rear axle (armoured) ● Gross Vehicle Weight ● Two (2) copies of the OEM parts and service manuals for each vehicle. ● One copy of the pre delivery/Quality Inspection Report. 			
7.0 TECHNICAL INSPECTION			
<p>The Technical Authority must be afforded access to conduct quality control Technical Inspections:</p> <ul style="list-style-type: none"> ● Of the base vehicle ● Once the vehicle has been stripped but prior to armouring ● Once the armouring process has been completed but prior to re-assembly ● Final inspection of the completed vehicle prior to delivery 			
8.0 ADDITIONAL REQUIREMENTS			
<p>8.1 Upon request the Armouring Manufacturer must provide to the Technical Authority random ballistic tests by material lot number and certifications as deemed necessary, at no cost to the Technical Authority.</p>			



ELEMENT	MET / NOT MET	BID PAGE # REFEREN CE	GAC VERIFIE D
8.2 All ballistic concepts and integration methodologies must have a foundation based on an actual vehicle test based on BRV1999 or equivalent (or a minimum an integrated component such as a complete vehicle side, or underbody) performed within the last five years. These concepts and integration methodologies must be part of the company's quality procedures and maintained as such in the form of engineering critical design features or concepts.			
8.3 Actual test records certifying direct impacts on fasteners/devices that demonstrated no adverse effects are of special consideration.			
8.4 The Technical Authority reserves the right to request as soon as possible after the start of the armouring process: Four (4) 455 mm (18.0 inches) by 455 mm (18.0 inches) flat coupons taken from the same production batch or heat lot as the materials used to armour the vehicle consisting of: <ul style="list-style-type: none"> o The steel armour. o The transparent armour. 			
8.5 The Armouring Manufacturer must assign a manufacturer's number to each vehicle. Only this number must be used to reference the vehicle or the parts and labour associated to it. Under no circumstances must the customer's identity, the standards' names or the vehicle identification numbers be placed on any certification, manufacturing or administrative documents.			
8.6 Monthly progress reports must to be sent concurrently to the Technical Authority and the Contracting Authority once the base units have reached the manufacturing plant.			
8.7 All of the interior trim, including the door panels, roof liner, fire wall and wheel wells must to be reinstalled to resemble the OEM configuration.			
8.8 A list of approved repair facilities must be provided for each destination.			
9.0 WARRANTY (Armouring and Ancillary Equipment)			
9.1 The Armouring Manufacturer must comply, in writing with a warranty as follows:			
9.1.1 Twenty-four (24) months_on all armour material and all vehicle systems and ancillary that must be modified in order to accommodate the armouring.			



ELEMENT	MET / NOT MET	BID PAGE # REFEREN CE	GAC VERIFIE D
9.1.2 Twenty-four (24) month time frame on all OEM parts if it was determined that the OEM part was defective or sub-standard. The warranty must also bind the armourer to supply the replacement parts and conduct the associated repairs free of charge to the customer			
9.1.3 Thirty-six (36) months on all transparent armour.			
9.1.4 Sixty (60) months on Door sagging prevention.			
9.1.5 The Armouring Manufacturer must also certify the availability of servicing of the armour and ancillary equipment by the armourer, or other supplier, for a period of ten years.			
9.1.6 Warranty is to commence upon completion of final inspection by the Technical Authority.			
10.0 MANUAL OF OPERATION			
10.1 At time of the final inspection the Armouring Manufacturer must provide 1 hard copy and one electronic PDF format of an operations manual that includes illustrations (or photos) of switches/controls for all ancillary equipment (dual battery system, fire suppressant system, siren/public address, system, intercom, alarm system) with detailed instructions on method of operations.			
10.2 Manuals must include clear instructions on method required to change tires on the run-flat configuration, including illustrations or photos to provide clarity to instructions.			
10.3 Manuals must include clear instructions on assembly, disassembly, and installation of run-flat device.			
10.4 Manuals must include specifications of tires, including size, load rating requirement (weight limit), required tired pressure.			
10.5 Manuals must contain maintenance instructions for transparent armour – dos and don'ts.			
10.6 Manuals must contain instructions on how to correctly connect / disconnect and install batteries and able / disable the vehicle alarm system when doing so.			
10.7 All specifications with respect to the upgrade of brakes, callipers, rotors, pads etc. from original OE must be listed with replacement part numbers.			



ELEMENT	MET / NOT MET	BID PAGE # REFEREN CE	GAC VERIFIE D
10.8 Manuals must be provided in English and be available in Arabic, French and Spanish.			
10.9 1 manuals (hard copy) to go with the vehicles and 1 copy (PDF) to go to the TA.			
11.0 LETTER OF COMPLIANCE			
It is the sole responsibility of the Armouring Manufacturer to ensure a letter of compliance accompanies each vehicle. The letter must state that each vehicle was manufactured to comply with the applicable import motor vehicle specifications of the destination host country.			
12.0 GENERAL COMMENTS			
12.1 The requirements of this specification must not be changed or altered in any way without prior approval of the technical inspection authority. This includes the installation or substitution of any equivalent materials or options mentioned in this specification.			
12.2 If any original equipment is removed from the vehicle and replaced or substituted, the method of replacement or substitution must comply fully with the vehicle manufacturer's specifications.			
12.3 Any painted surfaces that are cracked or broken in the process of meeting the requirements of this specification must be refinished in accordance with the specifications set out by the OEM for the repair of damaged paint.			
12.4 Any painted surfaces that are cracked or broken in the process of meeting the requirements of this specification must be refinished in accordance with the specifications set out by the OEM for the repair of damaged paint.			