



**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:**

**Bid Receiving - PWGSC / Réception des
soumissions - TPSGC**
11 Laurier St. / 11, rue Laurier
Place du Portage, Phase III
Core 0B2 / Noyau 0B2
Gatineau, Québec K1A 0S5
Bid Fax: (819) 997-9776

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

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

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

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

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

Comments - Commentaires

Vendor/Firm Name and Address

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

Issuing Office - Bureau de distribution

Vehicles & Industrial Products Division
140 O'Connor, Tower East
4th Floor
140 O'Connor, Tour Est
4ème étage
Ottawa
Ontario
K1A 0S5

Title - Sujet HDiv Bomb Truck	
Solicitation No. - N° de l'invitation M9062-194300/A	Date 2018-12-20
Client Reference No. - N° de référence du client M9062-194300	
GETS Reference No. - N° de référence de SEAG PW-\$\$HP-929-76101	
File No. - N° de dossier hp929.M9062-194300	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-01-31	Time Zone Fuseau horaire Eastern Standard Time EST
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Way, Stephanie	Buyer Id - Id de l'acheteur hp929
Telephone No. - N° de téléphone (613) 297-6500 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Specified Herein Précisé dans les présentes	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée See Herein	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° 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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M9062-194300/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur
HP929

Client Ref. No. - N° de réf. du client
M9062-194300

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HP929 M9062-194300

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PART 1 - GENERAL INFORMATION

1.1 Requirement

1.1.1 The Royal Canadian Mounted Police (RCMP) requires one (1) Explosive Disposal Unit as detailed herein, in accordance with Annex "A" – Pricing and Annex "B" – Specifications – Explosive Disposal Unit attached hereto.

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

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

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

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

1.2 Debriefings

Bidders may request a debriefing on the results of the bid solicitation. Bidders should make the request to the Contracting Authority within 15 working days of receipt of notification that their bid was unsuccessful. The debriefing may be provided in writing, by telephone or in person.

1.3 Trade Agreements

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

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 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than seven (7) calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the questions or may request that the Bidder do so, so that

the proprietary nature of the question is eliminated, and the enquiry can be answered to all bidders. Enquiries not submitted in a form that can be distributed to all bidders may not be answered by Canada.

2.4 Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in *Ontario*.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the bidders.

2.5 Improvement of Requirement during Solicitation Period

Should bidders consider that the specifications 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 seven (7) calendar 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 8 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 service has the capacity to receive multiple documents, up to 1GB per individual attachment.

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 hard copies)
Section II: Financial Bid (One hard copies)
Section III: Certifications (Two hard copies)
Section IV: Additional Information (Two 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/doc-eng.aspx?id=32573) (<https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573>). To assist Canada in reaching its objectives, bidders should:

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

Section I: Technical Bid

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

3.1.1 Equivalent Products

1. Products that are equivalent in form, fit, function and quality to the item(s) specified in the bid solicitation will be considered where the Bidder:

- a. designates the brand name, model and/or part number of the substitute product;
- b. states that the substitute product is fully interchangeable with the item specified;
- c. provides complete specifications and descriptive literature for each substitute product;
- d. provides compliance statements that include technical specifics showing the substitute product meets all mandatory performance criteria that are specified in the bid solicitation; and
- e. clearly identifies those areas in the specifications and descriptive literature that support the substitute product's compliance with any mandatory performance criteria.

2. Products offered as equivalent in form, fit, function and quality will not be considered if:

- a. the bid fails to provide all the information requested to allow the Contracting Authority to fully evaluate the equivalency of each substitute product; or
- b. the substitute product fails to meet or exceed the mandatory performance criteria specified in the bid solicitation for that item.

3. In conducting its evaluation of the bids, Canada may, but will have no obligation to, request bidders offering a substitute product to provide technical information

demonstrating the equivalency (e.g. drawing, specifications, engineering reports and/or test reports, a sample of the product offered), or to demonstrate that the substitute product is equivalent to the item specified in the bid solicitation, at the sole cost of bidders, within three (3) business days of the request. If the bidder fails to provide the requested information within the specified delay, Canada may declare the bid non-responsive.

Section II: Financial Bid

The Bidders must submit their prices in Annex "A"- Pricing and in accordance with the Basis of Payment identified in PART 6 - RESULTING CONTRACT CLAUSES.


3.1.2 Electronic Payment of Invoices – Bid

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

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

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


3.1.3 Exchange Rate Fluctuation Risk Mitigation

1. The Bidder may request Canada to assume the risks and benefits of exchange rate fluctuations. If the Bidder claims for an exchange rate adjustment, this request must be clearly indicated in the bid at time of bidding. The Bidder must submit form [PWGSC-TPSGC 450](http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/450-eng.html)  (<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/450-eng.html>) Claim for Exchange Rate Adjustments with its bid, indicating the Foreign Currency Component (FCC) in Canadian dollars for each line item for which an exchange rate adjustment is required.

2. The FCC is defined as the portion of the price or rate that will be directly affected by exchange rate fluctuations. The FCC should include all related taxes, duties and other costs paid by the Bidder and which are to be included in the adjustment amount.

3. The total price paid by Canada on each invoice will be adjusted at the time of payment, based on the FCC and the exchange rate fluctuation provision in the

contract. The exchange rate adjustment will only be applied where the exchange rate fluctuation is greater than 2% (increase or decrease).

4. At time of bidding, the Bidder must complete columns (1) to (4) on form [PWGSC-TPSGC 450](http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/450-eng.html)  (<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/450-eng.html>) for each line item where they want to invoke the exchange rate fluctuation provision. Where bids are evaluated in Canadian dollars, the dollar values provided in column (3) should also be in Canadian dollars, so that the adjustment amount is in the same currency as the payment.

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

Section III: Certifications

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

Section IV: Additional Information

Canada requests that bidders submit the following information:

3.1.4 Delivery

Firm quantity

While delivery of the vehicle is requested by March 31, 2019, the best delivery that can be offered is as follows:

Item 001 – One (1) Explosive Disposal Unit will be delivered within ____ calendar days from the effective date of the contract.

Optional Quantity

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

Item 002 - Up to One (1) Explosive Disposal Unit and related items will be delivered within ____ calendar days after an option is exercised.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

- a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- b) An evaluation team composed of representatives of Canada will evaluate the bids.

4.1.1 Technical Evaluation

4.1.1.1 Bidders must submit, with their bid, the followings documents:

- 1) Annex "B" – Specifications – Explosives Disposal Unit; and
- 2) Appendix 1 - Technical Information Questionnaire - Explosives Disposal Unit – Chassis
- 3) Appendix 2 - Technical Information Questionnaire - Explosives Disposal Unit – Box

4.1.1.2 Equivalent Products

Bidders proposing substitutes and/or alternatives must provide with their bid all the information requested as detailed in Part 3, "Equivalent Products" to be considered for evaluation.

4.1.2. Financial Evaluation

4.1.2.1 The purpose of the financial evaluation is to determine the aggregate price, based on the information submitted in Annex "A" - Pricing.

4.1.2.2 Aggregate Price Calculation.

Bids will be evaluated on an aggregate price basis for the items and quantities.

4.1.2.3 To determine the total price for the firm quantity, calculation will be as follows:

- a) The firm unit price for the firm quantity will be multiplied by their identified estimated quantities.

4.1.2.4 To determine the aggregate evaluated price for the firm quantity and optional quantity, calculation will be as follows:

- a) The price for the optional quantity will be multiplied by the total estimated optional quantity identified;
- b) The result will be added to the total price for the firm quantity obtained in 4.1.2.4 (a) above

4.2 Basis of Selection

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

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

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

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

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

5.1 Certifications Required with the Bid

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

5.1.1 Integrity Provisions - Declaration of Convicted Offences

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

5.2 Certifications Precedent to Contract Award and Additional Information

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

5.2.1 Integrity Provisions – Required Documentation

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real 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.

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 General Environmental Criteria Certification

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

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

Bidders' Authorized Representative Signature

Date

OR

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

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

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

Bidders' Authorized Representative Signature

Date

PART 6 - RESULTING CONTRACT CLAUSES

6.1 Requirement

- 6.1.1** The Contractor must deliver the vehicle(s) and related items in accordance with Annex "A" – Pricing and Annex "B" – Specifications – Explosive Disposal Unit.
- 6.1.2** The Contractor grants to Canada irrevocable options identified in Annex "A" – Pricing.
- 6.1.2.1** The options may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.
- 6.1.2.2** The options may be exercised in whole or in part and on more than one occasion at the sole discretion of Canada, up to the maximum quantity identified in Annex "A" - Pricing.
- 6.1.2.3** The options may be exercised within **twelve (12)** months after contract award.

6.2. Standard Clauses and Conditions

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

6.2.1 General Conditions

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

6.2.1.1 Section 09 of general conditions 2010A is amended by replacing the period of twelve (12) months by the following:

-Ten (10) year warranty against manufacturing and material defects on the truck body build including galvanic reaction.

-A five (5) year warranty on electrical wiring and for AC and DC installed by the fabricator.

-A two (2) year warranty on all sub components installed by the fabricator.

-A two (2) year warranty on paint completed by the fabricator.

All other provisions of the warranty section remain in effect.

6.3. Term of Contract

6.3.1 Delivery of Vehicle

6.3.1.1 Firm Quantity

Delivery of the vehicle must be made as follows:

Item 001 – Quantity One (1) Explosive Disposal Unit must be delivered on or before _____ *(Date to be inserted by PWGSC at time of contract award.)*

6.3.1.2 Option Quantity

Item 002 – Quantity up to One (1) Explosive Disposal Unit and related items to be delivered within _____ calendar days after an option is exercised. *(To be inserted by PWGSC at time of contract award.)*

6.4. Authorities

6.4.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Stephanie Way
Title: Supply Specialist
Organization: Public Works and Government Services Canada - Acquisitions
Branch
LEFT Directorate, HP Division,
140 O'Connor Street, 4th Floor,
Ottawa, ON, K1A 0G5
Telephone: 613-297-6500
E-mail: Stephanie.way@pwgsc-tpsgc.gc.ca

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

6.4.2 Procurement Authority

The Procurement Authority for the Contract is:

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

Title: _____

Organization: _____

Telephone: ____ - ____ - ____

E-mail: _____

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

6.4.3 Technical Authority

The Technical Authority for the Contract is:

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

Title: _____

Organization: _____

Telephone: ____ - ____ - ____

E-mail: _____

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

6.4.4 Contractor's Representative

Name and telephone number of the person responsible for:

General enquiries:

Name: _____ *(To be completed by the bidder.)*
Title: _____
Telephone: ____ - ____ - ____
E-mail: _____

Delivery follow-up:

Name: _____ *(To be completed by the bidder.)*
Title: _____
Telephone: ____ - ____ - ____
E-mail: _____

6.4.5 After Sales Service

Canada requests that the Bidder provide the names, addresses and telephone numbers of their dealers and/or agents authorized to provide after sales service, maintenance and warranty repairs, and a full range of spare parts for the vehicle/equipment offered. The Bidder should show the distance between the delivery location and the authorized dealer and/or agent and the delivery location, which should not be more than **100** kilometres.

Item 001 – Cab and Chassis (to be completed by bidder)

Name: _____
Address: _____

Telephone Number: _____

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

Manufactured Box (to be completed by bidder)

Name: _____

Address: _____

Telephone Number: _____

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

6.5 Payment

6.5.1 Basis of Payment

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

Basis of Payment (BOP) Type 1:

Firm unit prices in Canadian dollars, Delivered Duty Paid at destination, Incoterms 2000, including Canadian Custom Duties and Excise Taxes included where applicable, and applicable Taxes are extra.

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

Basis of Payment (BOP) Type 2:

Firm unit prices in Canadian dollars, FCA Free Carrier, Incoterms 2000 at Contractor's

Canadian facility or Contractor's Canadian distribution point, including Canadian Custom Duties and Excise Taxes included where applicable, and applicable Taxes are extra.

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

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

6.5.2 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. Electronic Data Interchange (EDI);

6.5.2 SACC Manual Clauses

H1001C	Multiple Payments	2008-05-12
C3015C	Exchange rate fluctuation adjustment	2017-08-17

6.6. Invoicing Instructions

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

Invoices must be distributed as follows:

- (a) The original and one (1) copy must be forwarded to the following address for certification and payment.

(Insert invoicing address as per requisition.)

- (b) One (1) copy must be forwarded to the Contracting Authority identified under section 4. Authorities of the Contract.

6.6.2 Holdback

A twenty percent (20%) holdback will apply on the total price of each vehicle Item 001 and Item 002. on any due payment of the said vehicle/equipment. Release of the holdback (20%) is conditional upon receipt and certified acceptance by inspection authority of the said vehicle and all ancillary items as identified in Annex "A" - Pricing.

6.7. Certifications

6.7.1 Compliance

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

6.8. Applicable Laws

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

6.9. Priority of Documents

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

- (a) the Articles of Agreement;
- (b) 2010A (2018-06-21) General Conditions - Goods (Medium Complexity);
- (c) Annex "A" - Pricing;
- (d) Annex "B" - Specifications - Explosive Disposal Unit;
- (e) Appendix 1 - Technical Information Questionnaire - Explosive Disposal Unit – Chassis;
- (f) Appendix 1 - Technical Information Questionnaire - Explosive Disposal Unit – Box;
- (g) the Contractor's bid dated _____. *(if the bid was clarified or amended, insert at the time of contract award "as clarified on" _____ or "as amended on" _____ and insert date (s)).*

6.10 SACC Manual Clauses

A1009C	Work Site Access	2008-05-12
A9049C	Vehicle Safety	2011-05-16
A9068C	Government Site Regulations	2010-01-11
B1505C	Shipment of Dangerous Goods/Hazardous Products	2016-01-28
G1005C	Insurance - No Specific Requirement	2016-01-28

6.11 Inspection and Acceptance

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

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

6.12 Preparation for Delivery

The vehicle/equipment must be serviced, adjusted and delivered in condition for immediate use. The interior and exterior must be cleaned before leaving the factory and being released to Royal Canadian Mounted Police personnel at the final delivery location.

The fuel tanks must be at least half full prior to release of the vehicle(s) to Royal Canadian Mounted Police personnel.

Any attempt by the carrier to deliver vehicles will be refused unless arrangements have been made for authorized, qualified personnel to be available to perform inspections and to accept the delivery. When the carrier is required to return due to its failure to make an appointment for delivery, Canada will not be liable to pay for additional costs.

6.13. Shipping Instructions – Firm Quantity

The Contractor must ship the goods prepaid DDP - Delivered Duty Paid (as detailed at Annex "A"- Pricing). Unless otherwise directed, delivery must be made by the most economical means. The Contractor is responsible for all delivery charges, administration, costs and risks of transport and customs clearance, including the payment of customs duties and taxes.

Item 001 - the contact person for delivery is: _____ *(to be inserted by PWGSC at time of contract award).*

6.14 Shipping Instructions - Optional Quantity

6.14.1 Delivery will be FCA Free Carrier at the Contractor's Canadian facility or Contractor's Canadian distribution point, Incoterms 2000. The Contractor must load the goods onto the carrier designated by Royal Canadian Mounted Police. Onward shipment from the delivery point to the consignee will be Canada's responsibility.

- 6.14.2** Before shipping the goods, the Contractor must make arrangements with the Procurement Authority for each place of destination. The consignee may refuse shipments when prior arrangements have not been made.
- 6.14.3** The Contractor must not ship the goods before receiving shipping instructions from the Procurement Authority.
- 6.14.4** If the Contractor delivers the goods at a place and time which are not in accordance with the given delivery instructions or fail to fulfill reasonable delivery instructions given by Canada, the contractor must reimburse Canada any additional expenses and costs incurred.
- 6.14.5** If Canada is responsible for delays in delivering the goods, ownership and risk will be transferred to Canada upon expiry of either thirty (30) days following the date on which a duly completed shipping application is received by Canada or by its appointed forwarding agent, or thirty (30) days following the delivery date specified in the Contract, whichever is later.

6.15 Post-Contract Award Meeting/Pre-Production Meeting

Within ten (10) working days of the receipt of the contract, the Contractor must contact the Technical Authority to determine the details of a pre-production meeting. The meeting will be held at the Contractor's plant _____ (*Bidder to specify location*). Cost of holding such pre-production meeting must be included in the price of the bid. Please note that the travel and living expenses for Government Personnel will be arranged and paid for by Canada. The Crown reserves the right to carry out the Post-Contract Award Meeting/Pre-Production Meeting via teleconference.

6.16. Packaging

The methods used for preservation and packaging must be in conformity with the contractor's normal standard for domestic shipment or, if necessary, with standards for overseas shipment as below deck cargo.

6.17 Material

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

6.18. Interchangeability

Unless changes during the production run are authorized by the Contracting Authority, all vehicles supplied against any one item of a contract must be the same

Solicitation No. - N° de l'invitation
M9062-194300/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur
HP929

Client Ref. No. - N° de réf. du client
M9062-194300

File No. - N° du dossier
HP929 M9062-194300

CCC No./N° CCC - FMS No/ N° VME

make and model, and all like assemblies, sub-assemblies and parts must be interchangeable.

ANNEX "A" - PRICING

Item 001 - Explosive Disposal Unit (**Firm Quantity**)

The Contractor must deliver the - Explosive Disposal Unit and related items (ie: manuals, training, etc) in accordance with Annex B – Specifications – Explosive Disposal Unit to:

RCMP H Division
80 Garland Ave
Dartmouth, NS
Canada B3B 0J8

Delivery contact: _____ *(to be inserted by PWGSC at time of contract award)*

Date of delivery: _____ *(to be inserted by PWGSC at time of contract award)*

Firm unit price of \$ _____ per vehicle, including all equipment and related items in accordance with Basis of Payment Type 1 as detailed at Clause 6.5.1 Basis of Payment.

Quantity: one (1)

Item 002 - Explosive Disposal Unit (**Optional Quantity**)

The Contractor must deliver the - Explosive Disposal Unit and related items (ie: manuals, training, etc) in accordance with Annex B – Specifications – Explosive Disposal Unit to:

Firm unit price of \$ _____ per vehicle, including all equipment and related items, in accordance with Basis of Payment Type 2 as detailed at Clause 6.5.1 Basis of Payment.

Quantity: up to one (1)

Solicitation No. - N° de l'invitation
M9062-194300/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur
HP929

Client Ref. No. - N° de réf. du client
M9062-194300

File No. - N° du dossier
HP929 M9062-194300

CCC No./N° CCC - FMS No/ N° VME

ANNEX “C” TO PART 3 OF THE BID SOLICITATION

ELECTRONIC PAYMENT INSTRUMENTS

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

- () Direct Deposit (Domestic and International);
- () Electronic Data Interchange (EDI);

Page 8

EN	FR
3/8" Steel shear plate	Plaque de cisaillement en acier de 3/8 po
in.	po
6" x 3" x 3/4" Rectangular steel tubing frame	Tubes rectangulaires en acier de 6 po x 3 po x 3/4 po

Page 16

EN	FR
HEAVY-DUTY ALUMINUM SERIES DRAWER SYSTEM	COFFRE DE RANGEMENT À TIROIRS EN ALUMINIUM POUR USAGE INTENSIF
BY AMERICAN EAGLE	D'AMERICAN EAGLE

Page 19

EN	FR
6'	6 pi
10'	10 pi

Page 20

EN	FR
in.	po
Truck Cab with swivel seats in the rear portion and a small removable work table. This area will be separated from the front box compartment by a sliding, insulated, pocket door coming from the curb side of the box.	La cabine du camion doit être équipée de sièges pivotants à l'arrière et d'une petite table de travail amovible. Cette partie doit être séparée de l'avant de la caisse par une porte escamotable isolée qui coulisse depuis le côté trottoir de la caisse.
The roof of the cab will be cut back in order to allow persons using this area to stand erect while entering the box compartment. The cab area will be covered by an aerodynamic roof extension coming from the front of the box and extending to the approximate mid point of the cab roof.	Le toit de la cabine doit être raccourci pour permettre aux personnes assises à l'arrière de la cabine de se tenir debout lorsqu'elles entrent dans la caisse. Le toit de la cabine devra comporter un prolongement aérodynamique allant de son milieu environ jusqu'au devant de la caisse.

Page 21 (Overhead view)

EN	FR
in.	po
Full height storage cabinet with 4 fixed shelves	Armoire de rangement pleine hauteur avec 4 tablettes fixes

Refrigerator, counter and cabinets above with a flip-up door	Réfrigérateur, comptoir et armoires de rangement supérieures avec porte relevable
Full height cabinet with 4 fully adjustable slight-out shelves	Armoire pleine hauteur avec 4 tablettes coulissantes entièrement réglables
Bomb suit closet	Compartiment pour combinaison antibombe
Ramp door for robot loading	Porte-rampe pour le chargement des robots
The floor of the robot storage area will be 17" below the rest of the box.	Le plancher de la zone d'entreposage des robots devra être 17 po plus bas que le reste de la caisse.
17" Step down	Abaissé de 17 po
Robot storage, including a Loft-it storage lift system	Entreposage des robots, y compris le dispositif de levage et de rangement Loft-it
Storage and explosives magazine	Rangement et magasin des explosifs
Electronics cabinet	Armoire électronique
Electrically operated slide-out with work bench and overhead cabinetry	Plan de travail coulissant à commande électrique et armoires de rangement supérieures

Page 21 (Interior curb side)

EN	FR
in.	po
Four fully adjustable shelves, each with a 4" outer lip	Quatre tablettes entièrement réglables, avec un bord externe de 4 po
Overhead cabinet with one fixed shell	Armoire supérieure avec une tablette fixe
Full height storage with four fully adjustable slide-out shelves, each with a 4" lip	Rangement pleine hauteur avec quatre tablettes coulissantes entièrement réglables, avec un bord externe de 4 po
Fixed shell for helmet storage	Tablette fixe pour le rangement des casques
Bar with stainless steel hangars, capable of supporting of a minimum weight of 400 lbs.	Barre avec crochets en acier inoxydable, capable de supporter un poids d'au moins 400 lb
Full height bomb suit storage cabinet	Armoire de rangement pleine hauteur pour combinaisons antibombes
Loft-it Storage lift system	Dispositif de levage et de rangement Loft-it Storage Lift
Slide-out tray with 12" front and sides	Plateau coulissant avec côtés et devant de 12 po
Slide-out tray with 10" front and sides	Plateau coulissant avec côtés et devant de 10 po
Wheel well	Passage de roue
Espar Airtronic Heater	Chauffage Espar Airtronic

Page 22 (Interior Street side)

EN	FR
in.	po
Loft-it Storage lift system	Dispositif de levage et de rangement Loft-it Storage Lift
Espar Airtronic Heater	Chauffage Espar Airtronic
Electronics cabinet with a 19" rack	Armoire électronique avec bac de 19 po
AC and 12 volt outlets at all locations	Prises c.a. 12 V à tous les emplacements
Electrically operated slide-out with work bench and overhead cabinetry	Plan de travail coulissant à commande électrique et armoires de rangement supérieures
Magnetic whiteboard over work table	Tableau blanc magnétique au-dessus de la table de travail
Ac and 12 volt outlets at all locations	Prises c.a. 12 V à tous les emplacements
Wheel well	Passage de roue
Two fully adjustable shelves, open storage area below magazine	Deux tablettes entièrement réglables, zone de rangement ouverte sous le magasin
Explosives magazine, shelf must be able to support a weight of a minimum of 500 lbs. (The magazine will be installed post delivery)	Magasin des explosifs, l'étagère doit pouvoir supporter un poids d'au moins 500 lb. (Le magasin sera installé après la livraison du véhicule.)
Heavy duty drawer and locking mechanism, suitable for firearms storage	Tiroir et mécanisme de verrouillage robustes, adaptés au rangement d'armes à feu

Page 22 (Exterior curb side)

EN	FR
in.	po
Rubber bumpers to protect top of door when contact with the ground	Arrêts de porte en caoutchouc pour la protéger lorsqu'elle entre en contact avec le sol
Robot loading ramp, opens 8" below floor level, plain of ramp to continue inside door to floor level	Rampe de chargement des robots, s'ouvre 8 po en dessous du niveau du plancher, le plateau rampe doit continuer à l'intérieur de la porte au niveau du sol
GFI	Disjoncteur de fuite de terre
Antenna farm	Parc d'antennes
Work lights below awning	Lampes de travail sous l'auvent
Grab Handle	Poignée de maintien
Slide-out stairs	Marches escamotables

Page 23 (Exterior street side)

EN	FR
in.	po

Antenna farm	Parc d'antennes
Electronically operated lip-out, with manual crank for emergency operation in the even of a mechanical failure	Rallonge à commande électronique, avec manivelle de secours en cas de défaillance mécanique
Vented cabinet for ferry can and portable generator storage	Compartiment ventilé pour ranger un jerrican et la génératrice portable
Battery, Inverter and shore power reel cabinet	Compartiment pour les batteries, le convertisseur et l'enrouleur du cordon d'alimentation externe
Generator cabinet	Compartiment de la génératrice

Page 24

EN	FR
in.	po
Back-up camera	Caméra de recul
Ladder to roof with lockable security panel	Échelle pour monter sur le toit
Communications mast	Mât de communication
Class v tow hitch and seven pin connection	Crochet d'attelage de classe V et raccord à sept broches
Mast controls in an enclosed box	Commandes du mât dans un caisson fermé

RCMP TRUCK SPECIFICATION

Title: Explosive Disposal Unit

Objective: The RCMP in H Division requires one (1) Explosive Disposal Response Unit to replace an aging vehicle. The replacement response truck is specifically designed to meet the operational requirements when responding to explosive related calls for service in H Division, L Division as well as CBRN related calls in H, L, J, and B Divisions respectively. This unit responds to all explosive related calls and also required to attend ERT call outs as a support service in and around the Atlantic Region.

Truck and Box Specification:

This specification will be based on a 2019 model year, Emergency Service Specification, Conventional Crew Cab and Chassis with a 289" wheelbase (maximum).

The chassis must have an aluminum high roof crew cab.

Vehicle must operate safely and efficiently in year round conditions, including mud, snow and ice and in temperatures ranging from -40C to 37C. Vehicle will be operated mainly on paved surfaces (occasional gravel roads) in cities and highways including mountainous areas in the Atlantic Region.

The Cab & Chassis and Box are to be considered as a unit and the subject of one tender.

Fabricators must indicate compliance with the Cab & Chassis specification and the Box specification by initialing all areas as indicated in the compliance columns and initialing each page and each drawing. If an alternative method of construction is suggested, a detailed explanation must be provided in order to be considered in the evaluation process.

The written specification and the drawings are to be considered as one, notation of an item in one, and not in the other, does not negate the need for the given item. A specification proposal from the manufacturer of the cab & chassis must be submitted with the bid documents.

Dimensions noted in the written specification and on the drawings provided can be considered as approximate and can be adjusted slightly to accommodate the manufacturing requirements on agreement of the RCMP and the successful bidder. RCMP drawings and photos are supplied to illustrate the concept of the intended vehicle only.

Wherever actual brand or model names are referenced, equipment of equal or superior manufacture will be considered. The exception being where locks and entry door hardware must meet RCMP approved standards.

Coatings such as ECK must be used at all points where dissimilar metals may be in contact to eliminate galvanic reaction including hinges, handles, fasteners and hardware.

Box Layout:

The box must consist of one inner compartment. The box must be accessible from the cab portion of the truck.

The roof of the cab must be cut back in order to allow persons using the rear of the cab seating to stand up. The cab area must be covered by a roof extension coming from the front of the box and extending to approximately the mid-point of the cab. The cab and the box compartment must be separated by an insulated sliding, lockable, pocket door. The door must be equipped with a mechanism to keep it open as needed. The interior of the box compartment must extend rearward a distance of 262" from the front wall.

ANNEX B

Deliverables:

All fabricators must submit a minimum of 5 references on similar emergency vehicle builds which they have completed within the last 5 years.

Fabricators must submit a Proposed Production Schedule indicating the work to be done in-house and any work to be subcontracted to an off-site second party.

The successful fabricator must submit detailed CAD drawings of the layout and cross sections a minimum of two weeks prior to the pre-production meeting.

On completion of the unit, the fabricator must provide electrical certification from the Electrical Safety Authority along with AC and DC wiring diagrams and Transport Canada NSM Certification (National Safety Mark).

All related information pertaining to the operation and warranty of added equipment must be included.

Meeting:

There will be a meeting between Public Services and Procurement Canada (PSPC), the RCMP and the successful fabricator prior to construction of this vehicle to ensure that all requirements are understood and will be met. This pre-production meeting will be held at the fabricators facility.

Inspections must be done at the following stages in production by the RCMP:

- Exterior walls and wiring completion.
- Interior wall, ceiling and flooring completion.
- There will also be a final inspection prior to shipping to the delivery destination for acceptance in accordance with the terms of the contract.

Travel:

To avoid delay in the proposed production schedule, the fabricator must notify the RCMP a minimum of five (5) working days in advance of a desired inspection date in order that travel arrangements can be made. Travel and accommodations for the pre-production meeting and inspections will be done at the expense of the RCMP and PSPC where applicable.

Mandatory Requirements – Specification Date December 03, 2018

EXPLOSIVES DISPOSAL UNIT H Division

Appendix 1

2019 Model Year or Later, Conventional – Crew Cab & Chassis

Manufacturer Model	
	<div> <div>Indicate Compliance</div> <div> <div>Yes</div> <div>No</div> </div> </div> <div>Supporting documentation or statement of compliance (please indicate the reference page number of your Technical Bid where the information can be found)</div>
Mandatory Requirement	
Engine	Diesel, Emergency Vehicle Spec, 350 hp minimum, 1,000ft/lbs torque minimum <div> <div></div> <div></div> </div>
Alternator	300 amp minimum <div> <div></div> <div></div> </div>
Batteries	(2) 12V, 750 CCA <div> <div></div> <div></div> </div>
GVWR	46,000 lbs minimum <div> <div></div> <div></div> </div>
GCWR	49,000 lbs minimum <div> <div></div> <div></div> </div>
Block Heater	110 V <div> <div></div> <div></div> </div>
Transmission	Allison Automatic Overdrive, 3000, Emergency Vehicle Spec. <div> <div></div> <div></div> </div>
Cab	High roof aluminum conventional crew cab, no rear window <div> <div></div> <div></div> </div>
Exhaust	Horizontal under vehicle <div> <div></div> <div></div> </div>
Wheel Base	289 inches maximum <div> <div></div> <div></div> </div>
Cab to Axle	176 inches <div> <div></div> <div></div> </div>
BBC	154 inches bumper to back of cab <div> <div></div> <div></div> </div>
Box Body Length	266 inches (excluding rear bumper) <div> <div></div> <div></div> </div>
Frame / Reinforcement	120,000 PSI steel to suit GVWR of truck <div> <div></div> <div></div> </div>
Load Capacity	Front Axle: 16,000 lbs Rear Axle: 30,000 lbs GVWR: 46,000 lbs minimum GCWR: 49,000 lbs minimum <div> <div></div> <div></div> </div>

ANNEX B

Front Axle & Suspension	16,000 lbs, Taper Leaf			
Rear Axle & Suspension	Axle Ratio – Allowance for highest possible highway speed, 75 mph minimum			
	Dual Wheel – Single Axle			
	Traction Control			
	30,000 lbs Air Ride Suspension (must be factory installed, after-market installation is not acceptable)			
Brake Package	Full air brakes with ABS, Emergency Severe Service Non-Asbestos linings. Must include engine compression braking.			
Front Tires & Wheels	Radial all season 11R22.5" to meet GVWR. Wheel, 22.5" x 8.25" Polished Aluminum Disc			
Rear Tires & Wheel	Radial traction tread 11R22.5" to meet GVWR. Wheel, 22.5" x 8.25" Polished Aluminum Disc outer, steel inner.			
Spare Tire & Wheel	Full size as per rear tire & wheel, mounted under box with a mechanical lift.			
Tow Hooks	Front frame mounted			
Fuel Tank	Maximum possible, minimum 100 gallon. Must have locking cap/caps.			
Air Horns	Dual, roof mounted			
Mirrors	Electric remote with heat, 102" trailer/body width. Convex mirrors on left & right side mirrors.			
Windshield	Tinted			
Exterior Shun Shade	Aerodynamic, painted roof color, includes LED clearance/marker lights			
Bumper	Front chromed steel Ali Arc with grill protector			
Cab Interior	Dark grey vinyl and cloth			
Door Windows	Power Electric			
Door Locks	Power Electric			
Insulation (cab)	Extreme climate insulation package			
Driver & Front Passenger Seats	High back, cloth, air suspension, manual lumbar (bucket)			
Rear Seats	High back, cloth, manual lumbar (bucket), with ability to swivel to a work table. Seats must be equal in quality, appearance & function to front seats. (air ride to be installed by box manufacturer if not available by OEM)			
Lamps	Interior dome & reading lights. (dome capable of red lighting)			
Instrument Panel & Controls	The following gauges must be included in the instrument panel: -Speedometer -Tachometer -Engine coolant temperature -Transmission coolant temperature -Oil pressure -Air pressure -Fuel gauge -Battery/Alternator charging			

ANNEX B

	Fast idle switch			
	Cruise control			
	Tilt steering wheel			
	AM/FM radio with Bluetooth, USB and aux inputs			
	Marker light, headlight switch with separate interrupter for clearance lights			
	Dash mounted park hand lever and warning indicator for air brakes			
	Heavy duty mechanical turn signal flasher			
	Four dash mounted on/off auxiliary switches with indicator lights and wire routed to chassis at back of cab (up-fitter switches)			
	Air conditioning & heating, manual control			
Paint	Cab: White			
	Chassis: Black, high solids, polyurethane			

"H" Division

EXPLOSIVES DISPOSAL UNIT

Appendix 2 - Mandatory Requirements - Specification Date: December 03, 2018

RCMP BOX SPECIFICATION

The completed truck must be similar to that pictured below



GENERAL BOX SPECIFICATIONS:

Overall exterior dimensions	Length: 276" (including rear bumper) Width: 102" Height: 144" +/- 6" (from ground to top of A/C units)
Interior Dimensions	Length: 262" Width: 98" Height: 90"
Aerodynamic Front	An aerodynamic over cab front must be attached to the box

ANNEX B

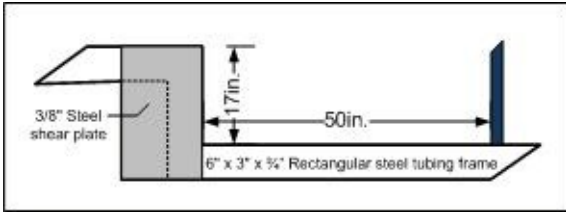
BODY CONSTRUCTION:

	Indicate Compliance		Supporting documentation or statement of compliance (please indicate the reference page number of your Technical Bid where the information can be found)
	Yes	No	
1. All aluminum, all welded modular body, complete with the following features:			
2. One piece 1/8" thickness 5052 body panels welded into 2" x 3" x 1/4" 6061-T6 channel with extruded corners. One horizontal seam will be permitted if required due to the overall exterior size of the box.			
3. Roof perimeters must have built-in roof drip rails.			
4. Roof corners must have welded-in radius castings.			
5. Roof supports must be 2" x 2" x 3/16" 6061-T6 structural square tubing on 16" centres.			
6. Exterior roof panel must be 3/16" diamond grip checker plate with a non-slip/non-reflective finish only.			
7. Body walls must be reinforced by 2" x 2" x 3/16" square tubing channel uprights of 6061-T6 alloy on a maximum spacing of 16" centers. Where attachment of interior installed equipment is to be made, or in areas of high stress, additional reinforcement of 2" x 3" x 1/4" must be installed.			
8. To prevent body panel distortion, roof and wall supports must be bonded to exterior panels using Sikaflex or 3M VHB tape applied to the full contact area.			
9. Floor structure must incorporate a network of 2" x 4" x 1/4" extruded structural channels on 16" centers along with perimeter angles and mounting rails.			
10. Body floor in the compartment must be 3/8" aluminum diamond grip checker plate with a non-slip finish only, plug welded and sealed to prevent moisture entry.			

ANNEX B

11. All truck body components including under structure and framing must be aluminum and must be sprayed with Corashield or equivalent for maximum corrosion protection. Body must be installed on the chassis using a minimum ½" rubber isolation with a minimum of 10 isolation mounts.			
12. The interior compartment must be lined with .063 and 1/8" aluminum sheeting. Prior to fitting the interior, the entire body must be properly sealed, then walls, doors and ceiling must be insulated with 2" minimum closed cell polyurethane spray foam insulation and 3" under the floor. The underside must then be undercoated with a high sound absorbing material, except where high temperatures exist.			

ROBOT STORAGE AREA:

<p>13. The rearward 50" of interior floor space must be 17" below the rest of the compartment. The truck frame rails will be terminated to allow this drop. 6" x 3" x ¼" rectangular steel tubing will be used to form the drop and continue the frame rails at the new height. A 3/8" steel shear plate must be welded to the exterior of the frame for the added strength.</p> 			
14. This frame structure must be sandblasted and painted with epoxy primer and minimum two coats of urethane (black) prior to body installation.			

BACK-UP ALARM/CAMERA:

15. A back-up alarm must be installed on the vehicle if not included with the cab and chassis.			
16. A back-up camera must be installed on the rear of the vehicle. Cameras must also be installed towards the front left and right exterior sides of the vehicle to provide side views. A color monitor with split screen capabilities must be installed in the cab for use by the vehicle operator.			


MUD GUARDS:

17. Reinforced rubber/steel mudguards must be placed on both the front and rear of all wheels from the floor to the bottom of the skirt.			
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EXTERIOR STORAGE:

18. Outside accessed storage bins must be installed along both sides of the truck beneath the interior floor level, accessed by flip-up doors as noted in the specification and drawings			
--	--	--	--

ANNEX B

19. Each compartment must be equipped with LED strip lighting, which must be activated by a manual switch in each compartment.			
20. A switch activated by the opening and closing of the door must be connected to a warning light placed on the dash in the driver's Compartment to warn the operator that a door is ajar. The switch must be placed at the opposite side of the hinged portion of the door, which would be the widest opening if the door was not properly secured.			
21. All flip-up doors will be equipped with non-ferrous hold open devices that will keep the door open in as high or wide position as possible unless otherwise noted for specific doors.			
22. All exterior below floor level bins must utilize the maximum height and depth available (28"H x 29"D +/- 2") as determined by the box configuration. All slide out shelves and drawers must have a minimum 500lbs load capacity and be capable of being secured in both open and closed positions.			
Curb Side Exterior Configuration:			
<p>23. Immediately below the curb side entry door there must be a cabinet which will store the access steps. The stairs must be constructed similar to that pictured below.</p> 			
24. Three exterior storage compartments, each with an interior width of 31" must be placed between the entry steps and the rear wheel well. Each cabinet must be enclosed by a flip-up door.			
25. There must be a ramp door with the rear edge at 6" forward of the rear corner of the box, with an overall width of 40" and an overall height of 103". The bottom of the door will be hinged at the interior floor level. The interior floor level must be 17" below the remainder of the compartment as explained in detail earlier in the specification.			
Street Side Exterior Configuration:			



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<p>26. There must be an exterior cabinet with a flip-up door (held open by a non-ferrous hold open device) immediately adjacent to the forward corner of the box with a width of 51", height of 28" and maximum depth available. This will house a Hanay or equivalent power reel and 100' shore power cord.</p> 			
<p>27. This cabinet must also house the batteries and inverter for the electrical system. Additional shelving to be added as required for the required equipment.</p>			
<p>28. The following bin/compartment with an interior width of 51", interior height of 28" and maximum dept avaiable must house a 12kw Onan Quiet Diesel Generator. The generator must be mounted on a slide out tray for ease of maintenance. The compartment must be designed as per generator manufacturers specification for air intake and exhaust. This compartment must be enclosed by a flip-up door and held open by a non-ferrous hold open device.</p>			
<p>29. A bin/compartment must be placed between the generator compartment and the rear wheel well. This compartment must have a width of 39" and be enclosed by a vented flip-up door and be held open by a non-ferrous hold open device.</p>			

MODULE DOORS:

<p>30. The modular body must be fitted with a curb side access door and a curb side ramp door. Construction of the access, ramp and exterior flip-up storage doors must be done according to the following details.</p>			
<p>31. Doors must be constructed using a one piece 3/16" 5052 skin. The interior of the doors must be lined with 1/8" aluminum checker plate. The overall door thickness must be 2".</p>			
<p>32. Exterior below floor level storage compartment doors must be fitted with 2 ½" open stainless steel piano hinges with a ¼" stainless pin. Hinges must be bolted to the door and the jamb using ¼" stainless steel bolts on 4" centers.</p>			


ANNEX B

33. The entry and ramp doors will be mounted using a minimum of three stainless steel pin hinges.			
34. Specific extruded 6061-T6 jambs must be welded into door openings, complete with integral automotive style bulb seals.			
<p>35. The entry door must be fitted with two double stage 206 approved rotary latches. These latches must be controlled through metal rods by Eberhard 21100 E Grabber series flush mounted handles. Handles must be locked and unlocked from the outside as well as the inside in the case of the access doors. A folding RV type assist handle must be placed next to the door opening on the exterior wall.</p> 			
<p>36. The ramp and below floor level external storage compartments must be Secured by a stainless steel “D” ring handles with a protective cover for the locking mechanism.</p> 			

REAR BUMPER:

37. A flat rear bumper, meeting CMVSS standards for truck Bumpers must be constructed and installed to rear of the truck.			
38. The bumper must be covered with 3/16” diamond plate.			
39. A 2” class V receiver must be installed in the rear bumper complete with safety loops. A 7 pin wire harness must be fitted at this location and electrical connections made with the pre-wired harness that the truck is equipped with.			

ANNEX B

40. A Will-Burt 30' air controlled mast must be mounted on the rear of the truck. The controls for the mast must be located in an enclosed box on the rear bumper adjacent to the mast. 			
41. A ladder constructed of 2" tubing with perforated non-slip rungs placed at 1' intervals must be placed on the left side to allow access to the roof area. There must be a left hinged, lockable, checker plate security panel covering the ladder when not in use.			

STABILIZING JACKS:

42. HWH 300 series touch panel controlled hydraulic stabilizing jacks or equivalent must be installed as per manufacturer's directions. Control panel must be installed in the driver's compartment.			
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EXTERIOR FINISH:

43. Exterior of the body must be painted in white using the manufacturer's recommended practices to ensure the best possible finish. Colour must match the cab.			
44. Diamond plate surfaces must not be painted.			
45. All interior and exterior cabinets must be lined with Zolatone silver grey spatter finish or equivalent primer-sealer.			
46. The underside must be fully undercoated with a high sound absorbing material, except where high temperatures exist.			


HEATING/COOLING:

47. Two 13,500 BTU air conditioners with heat strips must be installed over the roof line. Thermostats/controls must be wall mounted.			
48. The units must be capable of being powered by both the generator and shoreline power. Aerodynamic shrouds must cover the exterior of the units (painted body colour).			



ANNEX B

<p>49. Interior heat must be supplied by two Espar Airtronic diesel fan units or equivalent. One unit must be located on the forward curb side wall under the adjustable shelving. The second unit must be installed in the rear street side immediately to the rear of the tip-out. Fuel for these units must be sourced from the truck's fuel tank. These units must be controlled by switches mounted in the over cab extension adjacent to the electrical panel.</p> 			
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ELECTRICAL:

<p>50. Main body wiring harness must be fully accessible through removable raceways, removable shelves and access panels located over the interior work benches and through the interior cabinetry. All installed wiring and circuits components must be:</p> <ul style="list-style-type: none"> -Installed to comply with the Canadian Electrical Code -Rated at 125% of anticipated load -Designed to prevent interference to radio and telemetry equipment onboard the vehicle -Designed to minimize total electrical loads 			
<p>51. Wiring harness must be protected by manual reset circuits breakers. Wiring must be colour-coded, numbered and flame retardant and must be wrapped in split loom tubing to prevent abrasion where required or in plastic chases.</p>			
<p>52. The main vehicle junction box must be located on the street side over cab extension.</p> 			
<p>53. A master power disconnect for all body equipment must be installed in the cab, accessible to the driver and from the ground (with the driver's door open).</p>			

ANNEX B

<p>54. Three (3) deep discharge AGM group 4 batteries, connected in Parallel must be installed in the front street side lower exterior cabinet, see item #26 & #27. Batteries must be charged through the inverter charger system and vehicle alternator. Main feed cable (not generator start) must be protected by a marine type fuse as per the inverter charger manufacturer's directions.</p> <p>The vehicle battery is to remain independent of the electrical system operating in the box (install battery isolator) and remain dedicated to the starting of the vehicle only.</p> <p>Emergency start switch. Install a solenoid between both battery systems, (chassis and box) controlled by a momentary switch mounted on the dash to connect all batteries together in case of drained engine battery in order to start the engine.</p>			
<p>55. A Cummins Onan 12,000 kw 120/240 Quiet Diesel Generator must be installed in the generator compartment on the street side exterior, see item #28. The generator must be equipped with a solid state digital meter and voltage controller for stable output of voltage independent of load, 120/240 volt, with a diagnostic and maintenance monitor display module mounted on the forward street side interior over cab extension next to the main junction box. Both the generator and shore power will be capable of charging the three batteries for the body equipment and the truck (chassis) batteries. These will be isolated from each other and the power draw from the installed electrical equipment will not affect the operation of the truck batteries.</p> 			
<p>56. A Xantrex Freedom SW 3012 (true sine wave) inverter charger or equivalent, with an automatic transfer switch must be installed in the exterior accessed cabinet on the street side, see item #26 & #27, to charge auxiliary batteries from either an AC or generator power source and provide AC power to equipment from the DC power source while the vehicle is in transit.</p> 			

ANNEX B

<p>57. The inverter charger must be equipped with a remote control panel That must be mounted on the forward cab extension next to the main junction box.</p>			
<p>58. A switch console must be installed adjacent to the main junction box which must control the following installed equipment:</p> <p>One switch for each group of lights</p> <ul style="list-style-type: none"> -Curb side scene lights -Street side scene lights -Front scene lights -Rear scene lights -Curb side work lights located under the awning <p>-Two switches to control 9 ceiling mounted ROM Corp Duro Lumens LED lights or equivalent at 2' intervals down the center of the walkway.</p>  <p>-The lights must be activated by a three way switch placed on the interior right wall immediately inside the rear body entry door and a second switch located on the forward wall immediately adjacent to the curb side work station.</p>			
<p>59. LED strip lighting must be placed under the overhead cabinetry in the side tip-out work station area with a switch located over the right side of the work area.</p> 			

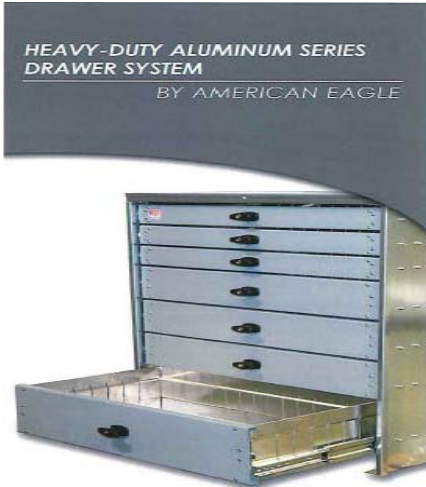
ANNEX B

<p>60. The genset must feed a distribution panel with breakers installed for the following:</p> <ul style="list-style-type: none"> -Double 50 amp back fed main breaker -One GFI circuit for each of the exterior outlets located on the curb side near the front of the box and forward of the rear ramp door, complete with weatherproof covers. -One GFI circuit for each of the exterior outlets located on the street side near the front and rear corners of the box, complete with weatherproof covers. -Two circuits for the roof top air conditioner, one A/C per circuit. -One circuit for the battery inverter charger -One 50 amp breaker to feed the transfer switch -Twenty-one interior outlets located as follows (two duplexes maximum per circuit): <ul style="list-style-type: none"> -Three on the interior rear wall of the cab -One over the refrigerator counter -One for the under counter refrigerator -Three in each of the curb side shelving units -Two on the interior rear street side wall for ROV charging -Four over the street side tip-out work station table -Four in the street side electronics cabinet 			
<p>61. One 100' 120V/240V, 50A twist lock RV type power cord mounted on a reel as per #26 must be provided, one 50A to 30A adapter and one 30A to 15A adapter must also be provided. This reel will be the shore power access point for the vehicle and must be wired to the main junction box. The cord must feed an automatic transfer switch, then a distribution box with circuit breakers provided for the same branch circuits as noted above for the generator.</p>			

CABINETS AND INTERIOR FINISH:

<p>62. One piece 3/16" thickness 5052 formed body panels welded into Body structure.</p>			
<p>63. Cabinets must be constructed of aluminum and installed as indicated in the drawings.</p>			
<p>64. Sliding shelving must have a minimum 200 lb. load capacity unless otherwise noted in the specification.</p>			
<p>65. The forward compartment workbench over the refrigerator and the curb side tip-out work station must be made of a laminated wooden butcher block.</p>			
<p>66. A magnetic white board must be installed over the work station in the street side tip-out.</p>			

ANNEX B

<p>67. Two commercially available heavy duty industrial 4 drawer tool chests similar to pictured must be placed under the work station at each end. (see layout)</p>			
 <p>HEAVY-DUTY ALUMINUM SERIES DRAWER SYSTEM BY AMERICAN EAGLE</p>			
<p>68. Drawers must be equipped with latches capable of remaining closed under extreme driving conditions.</p>			
<p>69. All shelving and drawers must be lined with heavy duty rubber.</p>			

EXTERIOR LIGHTING:

<p>70. All exterior lighting as required by CMVSS (Canadian Motor Vehicle Safety Standards) must be installed, including the following:</p>			
<p>71. Rear tail, stop (two per side) and back up lamps must be LED, sealed shock mount.</p>			
<p>72. Compact clearance lamps must be mounted on the roof extrusion.</p>			
<p>73. Licence plate lamp, complete with license plate bracket must be mounted on the rear of the truck as per Highway Traffic Act requirements as it pertains to truck construction.</p>			

EMERGENCY LIGHTING:

<p>74. A switch console with internal siren control must be installed in the cab in a suitable location so that the driver can access the panel. This unit must incorporate indicator lights, back lighting and heavy-duty switches operating the following installed equipment:</p>			
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75. Ten Tomar 7" x 9" RECT-79LL-RB Series LED Lightheads with mounting bezels or equivalent must be mounted as follows: One at each front top corner of box, one at each rear top corner. Three on each side of box, one at each top corner and one top center.			
76. Eight Tomar RECT-16LS/V-RB Series LED Mini Warning Lights with required mounting brackets or equivalent must be mounted as follows: One at each front side leading corner of front fender area. One at each street and curb side rear lower corner of box. One on each street and curb side front lower corner of box. One at each lower rear corner of box.			
77. Whelen LED Front Load Duo TADF6 Red/Blue or equivalent must be mounted front grille or front bumper area.			
78. One Whelen 100 Watt Siren Speaker SA315P or equivalent. Mounting location under hood to be determined.			
79. One Whelen CenCom Sapphire Control Panel CCSRN3 must be mounted in switch consol.			
80. Six Tomar 7" x 9" R79L-13 Series LED Scene Lights with mounting bezels or equivalent must be mounted as follows: One at each rear top box corner next to red/blue light heads. One at each (street & curb) top side of box next to red/blue light heads. Switches for these as per previous description in item #58 (inside near electrical control panel).			
81. Three LED work lights to be placed below the awning.			
82. Alternating flashing headlamp system with body builder controlled engagement must be installed. Switch must be in switch console accessible to the driver.			

AWNING:



83. A 12' automatic power awning must be placed on the curb side exterior wall. LED work lights must be installed under awning.			
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TRACTION CHAIN SYSTEM:

ANNEX B



<p>84. Based on the environmental conditions and terrain in the area where this vehicle is required to operate, it is mandatory that it be equipped with an Onspot or equivalent traction chain system as pictured below:</p> 			
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ROOF ANTENNA FARM & FALL ARREST SYSTEM:

<p>85. One antenna farm must be located over each side of the box, running the total length, and having one crossover section. This tubing must have rubber isolation mounts between it and the roof structure. An access point must then take wiring in the tubing to the electronics cabinet below.</p> <ul style="list-style-type: none">○ The farm must consist of 4" x 4" aluminum tubing and have removable access points located at approximately 2' intervals similar to that pictured below: 			
<p>86. Full length cabling with two anchor points for fall arrest must be installed on the roof area. This must meet CLC (Canada Labour Code) stress standards of 5000 lbs minimum, SOR/86-304.</p> 			

ROBOT LIFT:

ANNEX B

<p>87. Builder must supply and install a Loft-It Deluxe Storage Lift or equivalent in the rear of the body for the storage of robots. Lift must be made of aluminum, have a platform of 4' x 8' with a lifting capacity of 1000 lbs.</p> <div data-bbox="198 346 500 564">  </div> <div data-bbox="571 342 847 564">  </div>			
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FRONT BUMPER:

<p>88. An AliArc front bumper or equivalent must be installed at the front of the vehicle. Bumper must be of strong design capable of breaching gates or fences and serve as a towing point for vehicle.</p>			
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CAB CONFIGURATION:

<p>89. As per the cab and chassis portion of the specification, the cab must be a crew cab configuration with high back captain's chairs.</p>			
<p>90. The two rear seats must be air ride and able to swivel to a work table. In the case that air ride is not offered by the cab & chassis manufacturer then the modification must be completed by the box manufacturer.</p>			
<p>91. The work table must sit on a pedestal and must be capable of being removed and stored against the rear wall of the cab.</p>			

WARRANTIES / MANUALS

<p>92. The successful fabricator must provide a minimum:</p> <ul style="list-style-type: none"> -Ten year warranty against manufacturing and material defects on the truck body build including galvanic reaction. -A five year warranty on electrical wiring for AC and DC installed by the fabricator. -A two year warranty on all sub components installed by the fabricator. -A two year warranty on paint completed by the fabricator. <p>The above warranties will be administered through the successful contract winner/fabricator from the date of delivery including work completed by sub-contractors if any.</p> <p>-The cab and chassis will be warranted by the truck OEM.</p> <p>A signed letter from the winning fabricator on their company letterhead must be provided stating the above warranties prior</p>			
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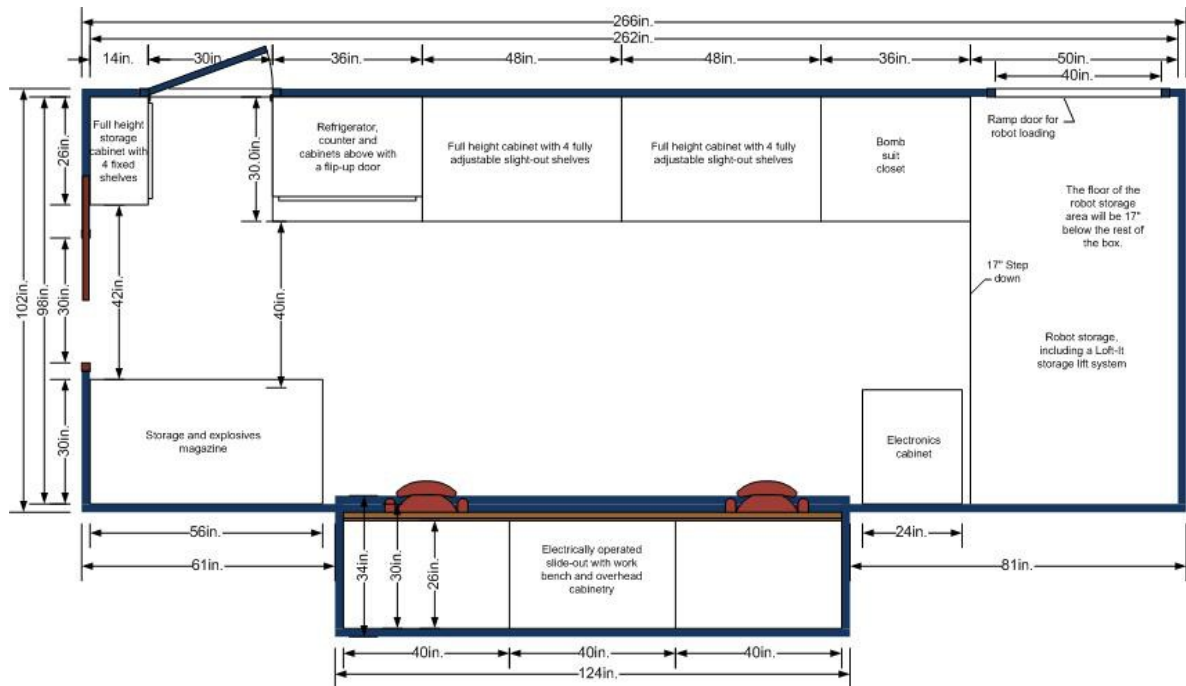
<p>to delivery.</p>			
<p>93. All minor warranty repairs and/or replacements must be conducted at an RCMP facility where feasible or at a fabricator authorized service provider within a 100 KM radius of where the vehicle is based.</p> <p>94. On delivery the fabricator must supply the RCMP with AC and DC CAD drawn wiring diagrams including a parts list of electrical equipment, CEC, ESA certification documentation. The fabricator must provide Transport Canada NSM Certification (National Safety Mark).The fabricator must also provide an instruction manual (printed or electronically) on the mechanical and electrical workings of the entire vehicle and all equipment and owner's manuals of installed equipment.</p>			

Truck Cab with swivel seats in the rear portion and a small removable work table. This area will be separated from the front box compartment by a sliding, insulated, pocket door coming from the curb side of the box.

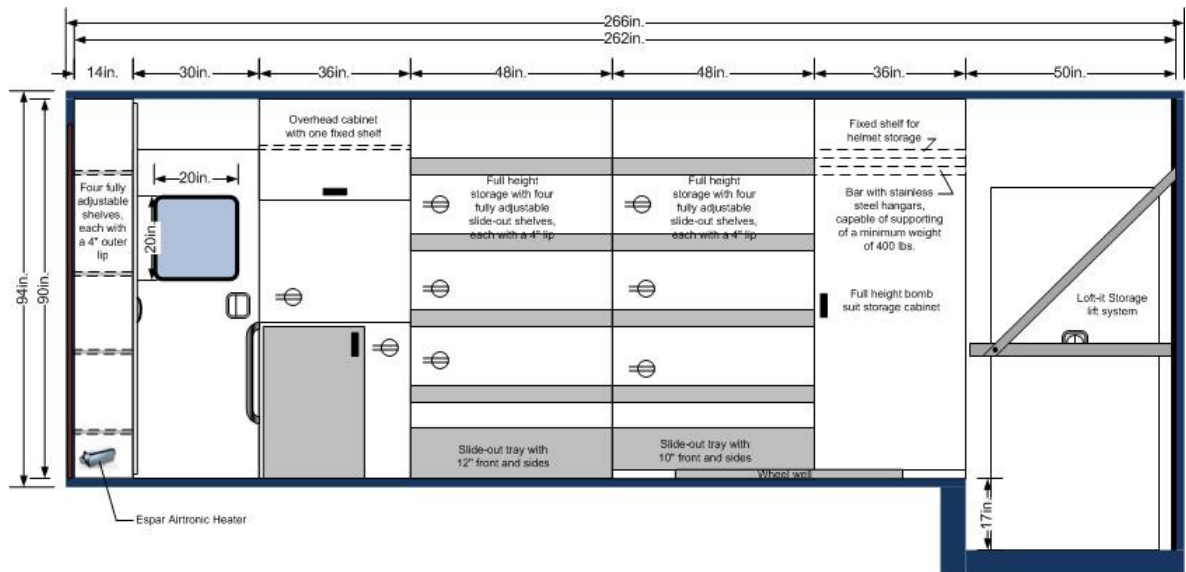
The roof of the cab will be cut back in order to allow persons using this area to stand erect while entering the box compartment. The cab area will be covered by an aerodynamic roof extension coming from the front of the box and extending to the approximate mid point of the cab roof.

Overhead view:

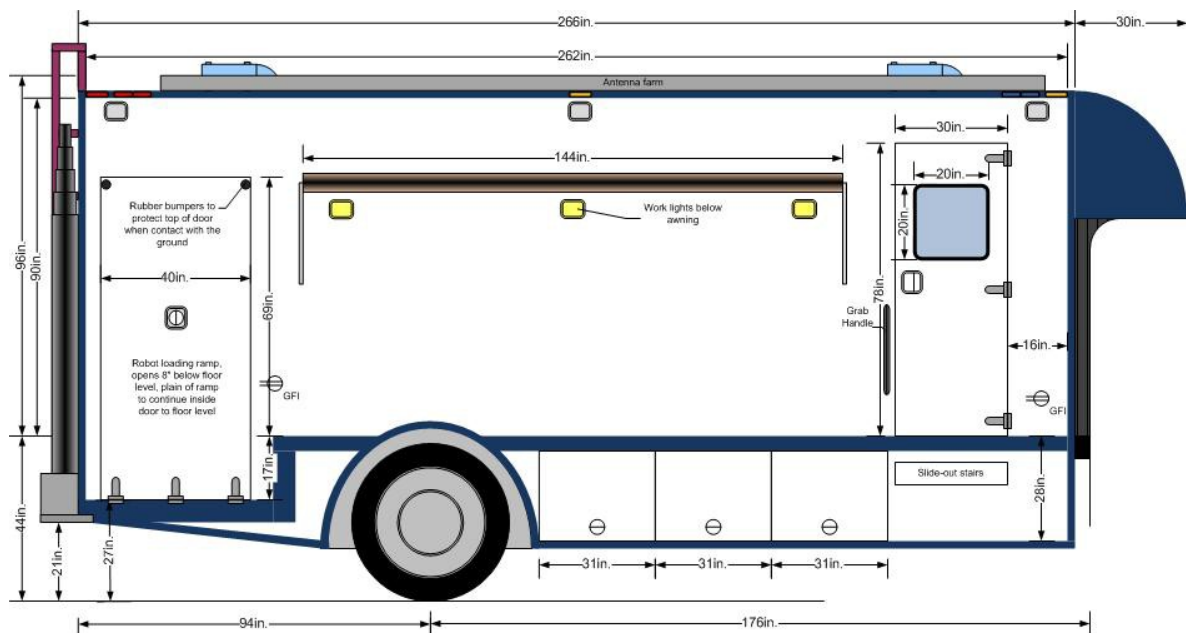
ANNEX B



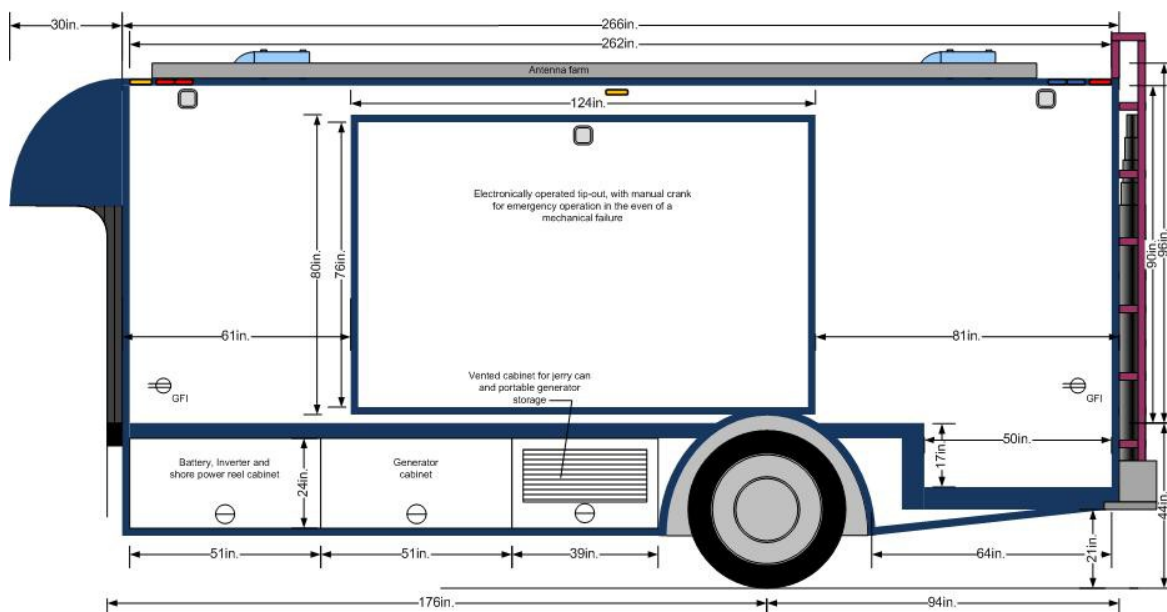
Interior curb side:



Interior Street side:



Exterior street side:



ANNEX B

Exterior rear:

