



National Defence
National Defence Headquarters
Ottawa, Ontario
K1A 0K2

Défense nationale
Quartier général de la Défense nationale
Ottawa (Ontario)
K1A 0K2

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À :

Megan Buchanan, DLP 8-1-4
Megan.Buchanan@forces.gc.ca

| | | |
|---|---------------------------|---|
| Title/Titre Class 5 Diesel Truck with Boat Hauler or Mobile Repair Truck Configuration | | Solicitation No – N° de l'invitation W6399-23LK32/A |
| Date of Solicitation – Date de l'invitation 23 September 2022 | | |
| Address Enquiries to – Adresser toutes questions à Megan.Buchanan@forces.gc.ca | | |
| Telephone No. – N° de téléphone 613-945-2929 | FAX No – N° de fax | |
| Destination Specified herein | | |

Proposal To: National Defence 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 and services listed herein and on any attached sheets at the price(s) set out therefore.

Proposition à : Défense nationale 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 et services énumérés ici et sur toute feuille ci-annexée, au(x) prix indique(s).

Instructions:

Municipal taxes are not applicable. Unless otherwise specified herein all prices quoted must include all applicable Canadian customs duties, GST/HST, excise taxes and are to be delivered Delivery Duty Paid including all delivery charges to destination(s) as indicated. The amount of the Goods and Services Tax/Harmonized Sales Tax is to be shown as a separate item.

Instructions: Les taxes municipales ne s'appliquent pas. Sauf indication contraire, les prix indiqués doivent comprendre les droits de douane canadiens, la TPS/TVH et la taxe d'accise. Les biens doivent être livrés « rendu droits acquittés », tous frais de livraison compris, à la ou aux destinations indiquées. Le montant de la taxe sur les produits et services/taxe de vente harmonisée doit être indiqué séparément.

**Solicitation Closes –
L'invitation prend fin**

At – à : 02:00 PM Eastern Daylight Time (EDT)

On - le : 25 October 2022

| | |
|---|---------------------------------------|
| Delivery required - Livraison exigée | Delivery offered - Livraison proposée |
| Vendor Name and Address - Raison sociale et adresse du fournisseur | |
| Name and title of person authorized to sign on behalf of vendor (type or print) - Nom et titre de la personne autorisée à signer au nom du fournisseur (caractère d'imprimerie) | |
| Name/Nom _____ | Title/Titre _____ |
| Signature _____ | Date _____ |

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PART 1 - GENERAL INFORMATION

1.1 Statement of Work

The requirement is detailed in Annex A – Purchase Description for Class 5 Diesel Truck, Annex B – Purchase Description for Boat Hauler Body and Annex C – Purchase Description for Mobile Repair Truck (MRT) Body.

1.2 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.

1.3 Trade Agreements

The requirement is subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), the Canada-Chile Free Trade Agreement (CCFTA), the Canadian Free Trade Agreement (CFTA), the Canada-Peru Free Trade Agreement (CPFTA), the Canada-Columbia Free Trade Agreement (CCoIFTA), the Canada-Panama Free Trade Agreement (CPanFTA), the Canada-Honduras Free Trade Agreement (CHFTA), the Canada-Korea Free Trade Agreement (CKFTA) and the Canada-European Union Comprehensive Economic and Trade Agreement (CETA).

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

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

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

The 2003 (2022-03-29) Standard Instructions – Goods and Services – Competitive Requirements, are incorporated by reference into and form part of the bid solicitation, with the following modifications:

- a) Section 02, Procurement Business Number is deleted in its entirety.
- b) Section 20(2), Further Information is deleted in its entirety.
- c) Subsection 2.d. of Section 05, Submission of Bids, is deleted in its entirety and replaced with the following:

Send its bid only to the address specified in the bid solicitation.

- d) Section 06, Late Bids, Is deleted in its entirety;
- e) The text under Section 07, Delayed Bids, is deleted in its entirety and replaced with the following:

It is the Bidder's responsibility to ensure that the Contracting Authority has received the entire submission. Misrouting or other electronic delivery issues resulting in late submission of bids will not be accepted.
- f) Subsection 1 of Section 08, Transmission by Facsimile or by Canada Post Corporation's (CPC) Connect service, is deleted in its entirety.

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

Delete: 60 days
Insert: 120 days

2.2 Electronic Submission of Bids

- a) Bids must be submitted only to the Department of National Defence by the date, time and place indicated on page 1 of the bid solicitation. Bids must be received electronically as noted in subparagraph b).
- b) **Electronic Submissions: Individual e-mails exceeding five (5) megabytes, or that includes other factors such as embedded macros and/or links, may be rejected by the DND e-mail system and/or firewall(s) without notice to the Bidder or Contracting Authority.** Larger bids may be submitted through more than one e-mail. The Contracting Authority will confirm receipt of documents. It is the Bidder's responsibility to ensure that the Contracting Authority has received the entire submission. Bidders should not assume that all documents have been received unless the Contracting Authority confirms receipt of each document. In order to minimize the potential for technical issues, Bidders are requested to allow sufficient time before the closing time and date to confirm receipt. Technical and financial documents received after the closing time and date will not be accepted.

Due to the nature of the bid solicitation, bids transmitted by facsimile will not be accepted.

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 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.

2.4 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.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

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

Section I: Technical Bid (One (1) electronic copy)

Section II: Financial Bid (One (1) electronic copy)

Section III: Certifications (One (1) electronic copy)

Section IV: Additional Information (One (1) electronic copy)

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

Bidders may use Annex D to indicate their prices. If Bidders choose to use Annex D to indicate their prices, Bidders must include Annex D in their financial bid.

Section I: Technical Bid

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

Section II: Financial Bid

Bidders must submit their financial bid as follows:

Bidders must submit firm prices, Delivered Duty Paid (DDP) at destination of the goods specified in Annex D Incoterms 2010, Applicable Taxes excluded. The total amount of Applicable Taxes must be shown separately.

Bids must be submitted in Canadian dollars.

3.1.1 Electronic Payment of Invoices – Bid

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

If Annex F 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

[C3011T](#) (2013-11-06), Exchange Rate Fluctuation

Section III: Certifications

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

Section IV: Additional Information

3.1.3 Warranty Period

3.1.3.1 Manufacturer's Standard Warranty Period

1. Canada requests that the Bidder provide details of the Manufacturer's Standard Warranty period for the equipment and components that exceeds the minimum warranty period of 12 months. Any additional manufacturer's standard warranty such as those derived from the Original Equipment Manufacturer (OEM) for components/subassemblies will form part of the proposed contract.

3.1.3.2 Extended Warranty Period

1. Canada requests that the Bidder indicate if an extended warranty period is being offered that exceeds the Manufacturer's Standard Warranty Period.
2. If the Bidder indicates that an extended warranty period is being offered, Canada requests that the Bidder provide details and pricing information of any extended warranty period available for the vehicle/equipment and any ancillary items.
3. Any extended warranty period offered will not be included in the financial evaluation.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

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

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Technical Criteria

Bidders must meet all mandatory technical evaluation criteria detailed in Annex E – Technical Information Questionnaires.

4.1.2 Financial Evaluation

The price of the bid will be evaluated in Canadian dollars, Delivered Duty Paid (DDP) at destination of the goods specified in Annex D Incoterms 2010, Canadian customs duties and excise taxes included, Applicable Taxes excluded.

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 on an aggregate basis 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 otherwise specified, 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 [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](http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969#afed) website (http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969#afed).

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 [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.

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 Security Requirements

6.1.1 There is no security requirement applicable to this Contract.

6.2 Statement of Work

The Contractor must perform the Work in accordance with the Purchase Descriptions at Annex A, Annex B and Annex C.

6.3 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.

6.3.1 General Conditions

2010A (2022-01-28), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract, with the following modifications:

a. Definition of Minister is modified as follows:

"Canada", "Crown", "Her Majesty" or "the Government" means Her Majesty the Queen in right of Canada as represented by the Minister of National Defence and any other person duly authorized to act on behalf of that minister or, if applicable, an appropriate minister to whom the Minister of National Defence has delegated his or her powers, duties or functions and any other person duly authorized to act on behalf of that minister.

6.3.2 Use and Translation of Written Material

Unless otherwise provided in the Contract, copyright in any written material used, produced or delivered under the Contract belongs to the author of the material or its rightful owner. Canada has the right to use, reproduce and disclose for government purposes any written material relating to the Work that is delivered to Canada.

If the Contract does not require the delivery of any written material in both of Canada's official languages, Canada may translate the written material into the other official language. The Contractor acknowledges that Canada is the owner of the translation and has no obligation to provide the translation to the Contractor. Canada agrees that any translation must include any copyright or proprietary right notice that was part of the original. Canada acknowledges that the Contractor is not responsible for any technical errors or other problems which may be caused by the translation.

6.4 Term of Contract

6.4.1 Delivery Date

All the deliverables must be received on or before _____. *(To be completed by DND at contract award)*

6.4.2 Option to Extend the Contract

The Contractor grants to Canada the irrevocable option to acquire the goods described at Annex A, Annex B and Annex C of the Contract under the same conditions and at the price stated in the Contract. The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

The Contracting Authority may exercise the option within twenty-four (24) months after contract award by sending a written notification to the Contractor.

6.4.3 Shipping Instructions

Goods must be consigned and delivered to the destination specified in the contract:

1. Incoterms 2010 "DDP Delivered Duty Paid" at destinations indicated in Annex D.
2. The Contractor must deliver the goods by appointment only. The Contractor or its carrier must arrange delivery appointments by contacting the Technical Authority. The consignee may refuse shipments when prior arrangements have not been made.

6.4.4 Delivery and Unloading

Delivery trucks must be equipped with an unloading device which will permit unloading at sites with no hydraulic, stationary or other type of unloading facility.

When making deliveries, sufficient personnel must be provided to permit unloading of any type of vehicle without the assistance of federal government personnel.

At some sites, the delivery truck must be unloaded while parked at the curb. When material is placed on the sidewalk, it must be placed in proximity to the designated entrance so as to be readily accessible to transport by mechanical handling equipment utilized by site personnel.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Megan Buchanan
Title: Senior Materiel Acquisition and Support Officer
Department of National Defence
Directorate of Land Procurement

Address: 101 Colonel By Drive
Ottawa, Ontario
K1A 0K2

Telephone: 613-945-2929
E-mail: Megan.Buchanan@forces.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.

6.5.2 Technical Authority

The Technical Authority for the Contract is: *(To be completed by DND at contract award)*

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone : _____
Facsimile: _____
E-mail address: _____

The Technical 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 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.

6.5.3 Contractor's Representative *(To be completed by the bidder)*

Name: _____
Title: _____
Address: _____
Telephone: _____
Email: _____

6.5.4 After Sales Service *(To be completed by the bidder)*

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

Name: _____
Title: _____
Address: _____
Telephone: _____
Email: _____

6.6 Payment

6.6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price, as specified in Annex D for a cost of \$ _____. Customs duties are included and Applicable Taxes are extra.

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.

6.6.2 Multiple Payments

SACC Manual clause [H1001C](#) (2008-05-12) Multiple Payments

6.6.3 SACC Manual Clauses

SACC Manual clause [C2000C](#) (2007-11-30) Taxes – Foreign-based Contractors

6.6.4 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);
- c. Wire Transfer (International Only);

6.7 Invoicing Instructions

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.
2. Invoices must be distributed as follows:
 - a. The original 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 2010A (2022-01-28) Goods – Medium Complexity;
- (c) Annex A, Purchase Description of Class 5 Diesel Truck;
- (d) Annex B, Purchase Description of Boat Hauler Body;
- (e) Annex C, Purchase Description of MRT Body;
- (f) Annex D, Basis of Payment;
- (g) the Contractor's bid dated _____

6.11 Defence Contract

SACC Manual clause [A9006C](#) (2012-07-16) Defence Contract

6.12 Insurance

SACC Manual clause [G1005C](#) (2016-01-28) Insurance – No Specific Requirement

6.13 Packaging Requirement

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.

SACC Manual clause [D2000C](#) (2007-11-30), Markings

SACC Manual clause [D2001C](#) (2007-11-30), Labelling

SACC Manual clause [D2025C](#) (2017-08-17), Wood Packing Materials

SACC Manual clause [D9002C](#) (2007-11-30), Incomplete Assemblies

6.14 Quality Assurance

SACC Manual clause [D5545C](#) (2019-05-30), ISO 9001:2008 – Quality Management Systems Requirement (Quality Assurance Code C)

6.15 Vehicle Safety

SACC Manual clause [A9049C](#) (2011-05-16) Vehicle Safety

6.16 Work Site Access

SACC Manual clause [A1009C](#) (2008-05-12) Work Site Access

6.17 Post-Contract Award/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 a Government facility or via teleconference, at Canada's discretion and at no additional cost to Canada, with representatives of the Contractor and the Department of National Defence.

6.18 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.

ANNEX A
PURCHASE DESCRIPTION FOR CLASS 5 DIESEL TRUCK

1. SCOPE

1.1 Purpose

This purchase description covers the requirements for a Class 5 Diesel Truck, 4x4 configuration.

1.2 Primacy of Requirements

This document must be used in conjunction with the following:

- a) Maintenance Repair Truck (MRT) Body Purchase Description; and
- b) Boat Hauler Body Purchase Description

Note: For the Maintenance Repair Body version, the vehicle must also include the manufacturer's standard 244 cm (8 ft) box.

1.3 Instructions

The following instructions apply to the interpretation of this Purchase Description:

- a) Requirements, which are identified by the word "must", are mandatory. Deviations will not be permitted;
- b) Requirements identified with a "will" define actions to be performed by Canada and require no action/obligation on the Contractor's part;
- c) Where "must" or "will" are not used, the information provided is for guidance only;
- d) In this document "provided" must mean "provided and installed";
- e) Where a technical certification is referred to in this purchase description, a copy of the certification or an acceptable Proof of Compliance must be supplied for the vehicle when requested by the Technical Authority;
- f) Metric measurements are used to define the requirement. Other measurements are for reference only and may not be exact conversions; and
- g) Where a standard is specified and the Bidder has offered an equivalent, that equivalent standard must be supplied by the Bidder; and
- h) Dimensions stated as nominal are to be treated as approximate dimensions. Nominal dimensions reflect a method by which materials or products are generally identified for sale commercially, but which differ from the actual dimensions.

1.4 Definitions

The following definitions apply to the interpretation of this Purchase Description:

- a) "Equivalent" - Substitutes and alternatives that are equivalent in product, performance or a standard will be considered for acceptance by the Technical Authority where Proof of Compliance for equivalency for the respective requirement is provided for evaluation;
- b) "Vehicle" – The entire vehicle including all systems and sub-systems, in a complete manufactured state in accordance with the requirements in this Purchase Description;

- c) "Technical Authority" - The government official responsible for technical content of this requirement;
- d) "Proof of Compliance" - A document such as a brochure, a third party test report, a report generated by third party software, or a certificate of attestation signed by a senior representative of the Original Equipment Manufacturer (such as a certified engineer) indicating the performance and/or feature specified;
- e) "Gross Vehicle Weight Rating" (GVWR) - Maximum operating weight of the vehicle as stated by the manufacturer;
- f) "Gross Axle Weight Rating" (GAWR) - The value specified by the vehicle manufacturer as the load-carrying capacity of a single axle system, as measured at the tire-ground interfaces;
- g) "Curb Weight" - Empty weight (no payload included) of a fully equipped vehicle; and
- h) "Payload" - The unencumbered carrying capacity of the vehicle (i.e., GVWR less Curb Weight).

1.5 Technical Information Questionnaire and Proposed Layout

The Bidder must complete the Technical Information Questionnaire at Annex E. Failure to provide specified brochures, performance analysis, drawings, curves or tables may render the proposal non-compliant. A nil response to a Technical Information Questionnaire question may be considered non-compliant. Any deviation from the purchase description must be listed in the Conformance Certificate.

1.6 Configuration Capability Table

The following table details the minimum design requirements, which must be met for the configuration offered:

| | |
|----------------------------------|----------------------------------|
| MINIMUM GVWR | 8,636 kg (19,000 lbs) |
| MINIMUM PAYLOAD | 5,454 kg (12,000 lbs) |
| CONVENTIONAL TOWED LOAD | 8,180 kg (18,000 lbs) |
| MINIMUM GAWR FRONT | 3,409 kg (7,500 lbs) |
| MINIMUM GAWR REAR | 6,363.4 kg (14,000 lbs) |
| VEHICLE SPEED | 105 km/h (65 mph) |
| VEHICLE GRADEABILITY | 0.8 Percent at 90 km/h (56 mph) |
| MINIMUM ENGINE HORSEPOWER/TORQUE | 330 HP/800 Pound-Feet |
| FUEL RESERVOIR CAPACITY | 267 Litres (60 Imperial Gallons) |

1.7 Applicable Documents

The following documents form part of this Purchase Description. Canada will not be supplying any reference documents. Sources are as shown:

Motor Vehicle Safety Regulations (MVSR)

Government of Canada, Transport Canada,

<https://tc.canada.ca/en/corporate-services/acts-regulations/list-regulations/motor-vehicle-safety-regulations-crc-c-1038>

Hazardous Products Act

Government of Canada

<http://laws-lois.justice.gc.ca/eng/acts/H-3/>

Canadian Occupational Health and Safety Regulations

Government of Canada
<https://laws-lois.justice.gc.ca/eng/regulations/sOr-86-304/index.html>

SAE Handbook
www.sae.org

2. REQUIREMENTS

2.1 Standard Design

The vehicle must:

- a) Be the latest model from a manufacturer who has demonstrated acceptability by selling this type and size class of vehicle for at least five (5) years;
- b) Include all components and accessories normally supplied for this application, although they may not be specifically described in this Purchase Description;
- c) Have engineering certification available for this application from the original manufacturers of major equipment, systems and assemblies;
- d) Conform to all applicable laws, regulations and industrial standards in effect in Canada at the time of manufacture. The regulatory areas may include but are not necessarily limited to manufacturing, health and safety, noise levels, environment and emissions; and
- e) Not have system and component capacities increased above published ratings (i.e., product or component brochures).

2.2 Operating Conditions

The vehicle, at GVWR, must operate safely and efficiently on paved roads, gravel roads and dirt roads with severe washboard, pot holes and off-road terrain in year round conditions including mud, snow and ice in the temperature range of -45°C to 37°C.

2.3 Safety Standards

2.3.1 Vehicle Safety Regulation

The vehicle must:

- a) Meet the provisions of the Canadian Motor Vehicle Safety Regulations (MVSR); and
- b) Have a Safety Compliance Certification Label with a National Safety Mark (NSM) as a seal of compliance or be accompanied by a Vehicle Import Form containing proof of Inspection by the Registrar of Imported Vehicles.

2.3.2 Hazardous Materials

The Contractor must minimize or eliminate the use of hazardous materials, ozone depleting substances, polychlorinated biphenyls, asbestos and heavy metals (as described in the Hazardous Products Act of Canada) on the Class 5 Diesel Truck at time of delivery.

2.3.3 Human Engineering and Safety

The vehicle must:

- a) Comply with the relevant sections of the Canadian Occupational Health and Safety Regulations;
- b) Be safe and easy to use by a 95th percentile male to 5th percentile female (as per SAE Rule B3.9.3) under all operating conditions;

- c) Be equipped, where required for operator safety, with safety features such as warning and instruction plates, heat shields and protective covers over rotating/moving parts; and
- d) Be equipped with non-slip walking surfaces.

2.4 Maintainability

All maintenance and repair tasks, especially routine operator maintenance, must:

- a) Be designed for easy performance of all tasks utilizing standard tools (i.e., no special tools); and
- b) Be designed to permit a 95th percentile male to 5th percentile female (as per SAE Rule B3.9.3) to perform tasks including:
 - i. Easy access to all items that require service or maintenance; and
 - ii. Not have access panels permanently attached (i.e., no riveted plates);

2.5 Ratings

The vehicle must have the following ratings:

- a) Gross Vehicle Weight Rating of no less than that identified as "MINIMUM GVWR" in the CONFIGURATION CAPABILITY TABLE;
- b) Payload rating of no less than that identified as "MINIMUM PAYLOAD" in the CONFIGURATION CAPABILITY TABLE;
- c) Conventional Towed Load rating of at least that identified as "CONVENTIONAL TOWED LOAD" in the CONFIGURATION CAPABILITY TABLE;
- d) Front drive axle rating of no less than that identified as "MINIMUM GAWR FRONT" in the CONFIGURATION CAPABILITY TABLE; and
- e) Rear drive axle rating of no less than that identified as "MINIMUM GAWR REAR" in the CONFIGURATION CAPABILITY TABLE;

2.6 Performance

The vehicle must have the following minimum performance capabilities:

- a) Top geared road speed of at least that identified as "VEHICLE SPEED" in the CONFIGURATION CAPABILITY TABLE;
- b) Vehicle gradeability of at least that identified as "VEHICLE GRADEABILITY" in the CONFIGURATION CAPABILITY TABLE; and
- c) Gross engine horsepower of at least that identified as "MINIMUM ENGINE HORSEPOWER/TORQUE", in the CONFIGURATION CAPABILITY TABLE.

2.7 Dimensions

The vehicle must have the following nominal dimensions (see Figure 1):

- a) Overall width of no more than 241 cm (95 in);
- b) Overall length of no more than 685.8 cm (270 in);
- c) Wheelbase of no less than 444.5 cm (175 in);

- d) Cab to rear axle centreline of no less than 152 cm (60 in); and
- e) Axle clearance to ground of no less than 20 cm (8 in).

2.8 Engine

The engine must:

- a) Operate on ultra-low sulphur diesel fuel;
- b) Meet current Canadian emission standards;
- c) Be turbocharged and electronically controlled;
- d) Be equipped with an engine brake; and
- e) Be equipped with a manual Diesel Particulate Filter regeneration switch located on the driver's side dash.

2.8.1 Engine Components

The engine must include:

- a) A replaceable dry-type air filter that includes a filter restriction gauge;
- b) A magnetic drain plug for the oil pan;
- c) Spin-off replaceable oil and fuel filters;
- d) Engine coolant for temperatures down to -45°C;
- e) Exhaust system that clears the body and that is directed away from critical areas such as wiring, storage areas and mud flaps; and
- f) A cooling system that includes a thermostatically controlled fan.

2.9 Fuel System

The vehicle must:

- a) Be equipped with single or dual fuel reservoir(s) that is/are mounted on standard support brackets;
- b) Have a minimum total capacity, identified as "FUEL RESERVOIR CAPACITY" in the CONFIGURATION CAPABILITY TABLE; and
- c) Have fuel hoses routed through frame to prevent interference with aftermarket add-on body;

2.10 Cold Weather Starting Aids

The vehicle must be equipped with the following:

- a) A 110-volt coolant block heater of the highest wattage capacity recommended by the engine manufacturer;
- b) A fuel filter/water separator incorporating a thermostatically controlled heater; and

- c) A cold weather starting fluid injection system or an air intake heater system. If a cold weather starting fluid injection system is installed it must include:
 - i. A thermostatically controlled safety shut-off device to prevent the injection of starting fluid into a hot air intake;
 - ii. An easily accessible spin-on starting fluid reservoir, changeable without special tools; and
 - iii. An automatic control, enabling operation only when the starter is engaged.

2.11 Transmission

The vehicle must be equipped with an electronically controlled fully automatic transmission as follows:

- a) Compatible with the diesel engine provided;
- b) Requires no driver intervention to start, change speeds, or stop;
- c) Has a minimum of eight (8) forward speeds and one (1) reverse speed;
- d) Includes an oil cooler and an oil filter;
- e) Include an electronic shift-on-the-fly transfer case; and
- f) High Idle Control - Be equipped with an instant release, electrically operated, programmable, electronic high idle control. The high idle control must have safety interlocks that only permit the high idle to engage when the transmission is not in gear and the parking brake is applied. The high idle must disengage when the parking brake is released.

2.12 Steering

The vehicle must be equipped with power assisted steering with a telescopic tilt steering column.

2.13 Brakes

The vehicle brakes must:

- a) Be the manufacturer's standard hydraulically operated disk brakes incorporating an anti-lock braking system (ABS);
- b) Include separately actuated parking brakes and
- c) Meet the provisions of the Canadian Motor Vehicle Safety Regulations (MVSR).

2.14 Wheels and Tires

The vehicle must be equipped with:

- a) Steel-belted, tubeless radial tires mounted on hub pilot disc wheels that are balanced to preclude wheel shimmy at all vehicle speeds;
- b) Tires and rims with sufficient load capacity for a vehicle loaded to rated capacity (GVWR);
- c) Mud and Snow Tires on all axles;
- d) Full-size spare wheel and tire assembly mounted on the frame; and
- e) Wheel changing tools and hydraulic jack.

2.15 Suspension

The vehicle must be equipped with:

- a) Heavy duty leaf spring suspension at the front and rear;
- b) Double acting shock absorbers on all axles;
- c) Rear limited slip differential; and
- d) Rear suspension stabilizer for increased vehicle stability.

2.16 Axles

The vehicle must be equipped as follows:

- a) One (1) speed single front drive axle with single wheels and automatic locking hubs that can be manually locked in case of automatic locking system failure;
- b) One (1) speed single rear drive axle with dual wheels; and
- c) Four-wheel drive configuration with modes as follows:
 - i. Two (2) wheel drive high (rear);
 - ii. Four (4) wheel drive high; and
 - iii. Four (4) wheel drive low.

2.17 Frame

The frame must include:

- a) A steel frame and cross-members;
- b) Reinforcements at the front and rear towing points with a rated load capacity of no less than 9091 kg (20,000 lbs) each. A copy of the test certification is to be provided with each vehicle;
- c) A front push bumper with a winch as follows:
 - i. 12 VDC electric winch (Warn model 97740, or equivalent) installed in accordance with the manufacturer's recommendations as follows:
 - a. First layer pull rating of minimum 7,500 kg (16,500 lbs);
 - b. Minimum 24 m (80 ft) of 9.5 mm (0.374 in) diameter synthetic rope with a rated capacity of minimum 7,500 kg (16,500 lbs); and
 - c. Hook on end of synthetic rope with a rated capacity of minimum 8182 kg (18,000 lbs);
 - ii. Wiring installed in accordance with the manufacturer's recommendations including protection of external wiring from the elements including complete submersion in fresh and salt water;
 - iii. Controls as follows:
 - a. Hard wired switch mounted in the cab on the dash near the driver; and
 - b. Hand-held wireless remote control;
 - iv. A winch accessories package to include as a minimum:
 - a. Quantity two (2) shackles (minimum 8182 kg (18,000 lbs) rated);
 - b. A "Tree Trunk Protector" (web strap with metal end hook eyes) with a rated capacity of minimum 6545 kg (14,400 lbs);
 - c. Snatch block with a rated capacity of minimum 5454 kg (12,000 lbs);
 - d. Synthetic web recovery strap with web end loops;
 - e. Kevlar reinforced winching gloves; and
 - f. Carrying case;
- d) Heavy duty tubular steel side steps in lieu of running boards; and

- e) Manufacturer's standard 244 cm (8 ft) box (Maintenance Repair version only).

2.18 Cab

The vehicle must have an extended cab suitable for five (5) crew as follows:

- a) A factory installed, air conditioning system equipped with an environmentally friendly refrigerant;
- b) Tinted side and rear windows to reduce solar heating effects;
- c) Power side windows, power sliding rear window and power door locks;
- d) Seats as follows:
 - i. Heated high-back adjustable driver and front passenger seats with arm rests on both sides and cloth inserts; and
 - ii. Heated rear bench seat with cloth insert;
- e) Retractable shoulder/lap belt assemblies for the driver and front passenger, retractable shoulder/lap belt assemblies for the rear outer side passengers and a lap belt for the rear center passenger;
- f) Two aerodynamic, heavy-duty, heated, motorized, side mirrors as follows:
 - i. Include convex mirrors;
 - ii. Replaceable glass;
 - iii. Adjustable from inside the cab; and
 - iv. Painted the same colour as the cab or have a bright metallic non-painted finish;
- g) Two rotating and pivoting dual interior sun visors;
- h) A clear plastic stone and bug deflector mounted on the front hood;
- i) Cab insulation, dark upholstery, coat hooks, rubber mats and armrests on all doors;
- j) Manufacturer's standard interior trim;
- k) Interior LED lighting with a door activated switch;
- l) An AM/FM radio with a USB/MP3 input;
- m) Touch-screen Navigation system;
- n) Backup camera;
- o) Two (2) powered USB ports in the center console area;
- p) Minimum six (6) switches located on the overhead console for operating up-fitter equipment. The switches must be programmable and connect through a junction box for access to the on-board area network bus;
- q) Dash coffee cup holders (minimum 2); and
- r) Rear seat coffee cup holders (minimum 2).

2.19 Controls and Instruments

The vehicle must be equipped with:

- a) Electric windshield washers;
- b) Electric, intermittent windshield wipers;
- c) A cruise control system;
- d) A tachometer;
- e) An odometer showing cumulative distance in kilometres;
- f) A coolant temperature gauge with a high coolant temperature indicator;
- g) A transmission temperature gauge with a high transmission temperature indicator;
- h) An oil pressure gauge with a low engine oil pressure indicator;
- i) A voltmeter or ammeter; and
- j) A back up alarm with a shut off switch located on the driver's side dash.

2.20 Electrical System

The vehicle must be equipped with manufacturer's standard 12-volt electrical system that includes:

- a) Alternator(s) with a combined output of at least 350 amperes;
- b) Wiring protected by insulating grommets where passing through metal;
- c) Wiring routed through frame to prevent interference with aftermarket add-on body;
- d) Electrical circuits protected with fuses, relays or circuit breakers;
- e) Exterior wiring sealed to provide protection from the elements and submersion in salt water;
- f) Seven-pin and four-pin combination trailer receptacle mounted at the rear hitch receiver;
- g) Manufacturer's standard trailer brake controller mounted in the cab under the dash board;
- h) An isolation bar to prevent trickle discharge of the batteries; and
- i) A minimum 3,000-watt 15-Amp DC-to-AC inverter with weatherproof, 110-VAC, GFI receptacles as follows:
 - i. Two (2) 110 V, 400 Watt AC power outlets in the center console area; and
 - ii. Expansion for two (2) additional receptacles to be installed as part of the up-fit body;

2.20.1 Batteries

Heavy duty maintenance free batteries must be provided with a total cold cranking ampere capacity of at least 2250 (CCA).

2.20.2 Lights

The vehicle must be equipped with the following LED lights:

- a) Headlights;
- b) Fog lights inset into the front bumper;
- c) Clearance lights; and
- d) Stop, turn signal, back-up and tail lights.

2.21 Miscellaneous Equipment

The vehicle must be equipped with the following miscellaneous equipment:

- a) Front license plate holder;
- b) Rear illuminated license plate holder;
- c) Standard mud flaps on the front and rear wheels; and
- d) Four (4) recovery tow points, two (2) mounted at the front and two (2) at the rear, hooks and mountings of sufficient strength to permit the recovery of the fully loaded vehicle.

2.22 Trailer Towing Package

The vehicle must be equipped with front and rear trailer hitch receivers (2 in), each capable of the Conventional Towed Load rating identified as "CONVENTIONAL TOWED LOAD" in the CONFIGURATION CAPABILITY TABLE;

2.23 Paint

The following paint procedure must be followed for the vehicle:

- a) The exterior painted in accordance with the paint manufacturer's recommendations, rendering a durable finish and a smooth appearance free from runs, sag and orange peel;
- b) The final paint color will be black or as otherwise agreed after Contract Award;
- c) Non-ferrous metals (e.g., aluminum) anodized where exposed to the environment; and
- d) A phosphate treatment plus primer or an E-coat system on all ferrous metals, followed by a minimum of one coat of paint and a clear coat.

2.24 Corrosion Protection System

The following must be provided for the vehicle:

- a) Aftermarket rust proofing provided in addition to standard factory rust proofing. The treatment date will be directed by the Technical Authority to optimize seasonal rust prevention benefits. If not demanded prior to delivery, a pre-paid certificate authorizing treatment at an aftermarket outlet must be provided with the vehicle;
- b) Metal surfaces treated with a rust preventive oily film product having the following properties;
 - i. Moisture displacing;
 - ii. Creeping (capillary action);
 - iii. Low solvent content;
 - iv. Compatibility with rubbers, plastics and all other materials used in automotive construction;

-
- v. Nontoxic; and
 - vi. Minimal dripping;

- c) The application includes, but is not limited to, enclosed and boxed-in sections, seams, mouldings, crevices, weld points, underbody and exposed exterior brackets.

Note: The product applied must be a commercial product such as Krown, or Rust Check. A decal and warranty papers must accompany the vehicle.

2.25 Corrosion Resistant Materials

The vehicle must:

- a) Be provided with stainless steel, zinc plated, hot dipped galvanized or aluminium rivets; and
- b) Be designed to prevent galvanic corrosion.

2.26 Lubricants and Hydraulic Fluids

The axles, transmission and differentials must be lubricated with synthetic lubricant approved by component manufacturer(s) and furnished by the OEM. DEXRON III must be used in all hydraulic systems.

2.27 Warning and Instruction Plates

The vehicle must be equipped with warning and equipment operation instruction plates that are in accordance SAE J115 as follows:

- a) Bilingual (English and French) and within easy view of the operator; and/or
- b) Make use of graphic symbols, as much as possible, as defined in SAE J1362.

2.28 Identification

The following information must be permanently affixed in a conspicuous and protected location:

- a) The manufacturer's name, model number, serial number and model year; and
- b) The GVWR and GAWR ratings (as applicable).

2.29 Vehicle Delivery Condition

The vehicle must be delivered to destination in a fully operational condition (serviced and adjusted) and the exterior must be cleaned. If the vehicle requires assembly at destination, the Contractor is responsible for all manpower and equipment to perform assembly. The consignee will provide the area required for assembly. For shipment verification, all items such as wheel wrenches, jacks, and all other tools, equipment and accessories, which are shipped loose with the vehicle, must be listed on the shipping certificate or to an attached packing note.

2.30 Training

The Contractor must provide a one (1) day (8 hours) familiarization instruction for a maximum of eight (8) personnel, no later than one (1) month after delivery of the vehicle. The instruction must include the detailed operation and normal servicing of the vehicle and must be split into two (2) segments of four (4) hour each for operator familiarization and maintainer familiarization. The final dates are to be arranged with the TA.

3. DELIVERABLE INFORMATION

The Class 5 Diesel Truck must be delivered fully assembled in the following configurations and quantities:

| Configuration | Firm Quantity |
|--|---------------|
| Boat Hauler Body in accordance with Annex B of this Request for Proposal | 15 |
| Mobile Repair Truck Body in accordance with Annex C of this Request for Proposal | 3 |

In addition, the Contractor must provide the following:

| Element | Format | TA | Each vehicle |
|---|---------|----|--------------|
| Manuals | Digital | X | X |
| | Paper | | X |
| Warranty Letter | Digital | X | X |
| Data Summary | Digital | X | |
| Photographs | Digital | X | |
| Dimensioned Drawing | Digital | X | X |
| Preventive Maintenance Replacement Parts Kit List | Digital | X | |

- a) Manuals – The following manuals in both hard copy and electronic (MS Word or PDF) bilingual (English and French) format must be provided:
 - i. Operator’s Manual – Vehicle operator’s manual including the following information:
 - a. Instructions for the safe operation of the vehicle;
 - b. Daily operator maintenance instructions/checks (including lubrication);
 - c. Safety warnings; and
 - d. Any other operator familiarity items required;
 - ii. Maintenance (Shop Repair) Manual - A Maintenance (Shop Repair) Manual including the following information:
 - a. Overview and illustrations showing all components of the vehicle including fitted equipment, suspension system and accessories from other manufacturers that are supplied against the requirements of the Contract. The illustrations must have numbers for the itemization of the parts;
 - b. A listing for all itemized parts showing the manufacturer’s part numbers (including Original Equipment Manufacturer’s) of the illustration, the part name and a brief description of the item;
 - c. Cross reference relating all part numbers (including Original Equipment Manufacturer’s) to the correct figure and item number;
 - d. Scheduled preventive maintenance requirements;
 - e. A trouble shooting guide, showing the steps and tests required to determine the exact cause of a problem and an explanation of what steps would be required to correct a problem; and
 - f. A listing of the necessary tolerances, torque levels, fluid volumes required;
 - iii. Fitted Equipment Manuals - OEM user manuals for all fitted equipment;
- b) Data Summary - Data Summary for each vehicle by completing the Technical Authority's template;
- c) Photographs - Photographs of each vehicle delivered to include:
 - i. Photographs in colour, taken against a plain background, and in digital JPEG format with a minimum 10-megapixel resolution;
 - ii. One left front three-quarter view; and
 - iii. One right rear three-quarter view;
- d) Dimensioned Drawing – A drawing in all three views that gives dimensions of vehicle components, sizes, etc. with the vehicle part number and manufacturer’s name; and

- e) Preventive Maintenance Replacement Parts Kit List - A list of parts needed to perform preventive maintenance on the vehicle for a six (6) month period including the following information for each item on the list:
 - i. Part description;
 - ii. Original Equipment Manufacturer Part number; and
 - iii. Suggested quantity;

- f) Safety Recalls and Servicing Data - The Contractor must provide the following information to all customer locations throughout the life expectancy of the vehicle or for no less than ten (10) years:
 - i. Safety Recalls; and
 - ii. Manufacturer's Technical Service Bulletins (or equivalent).

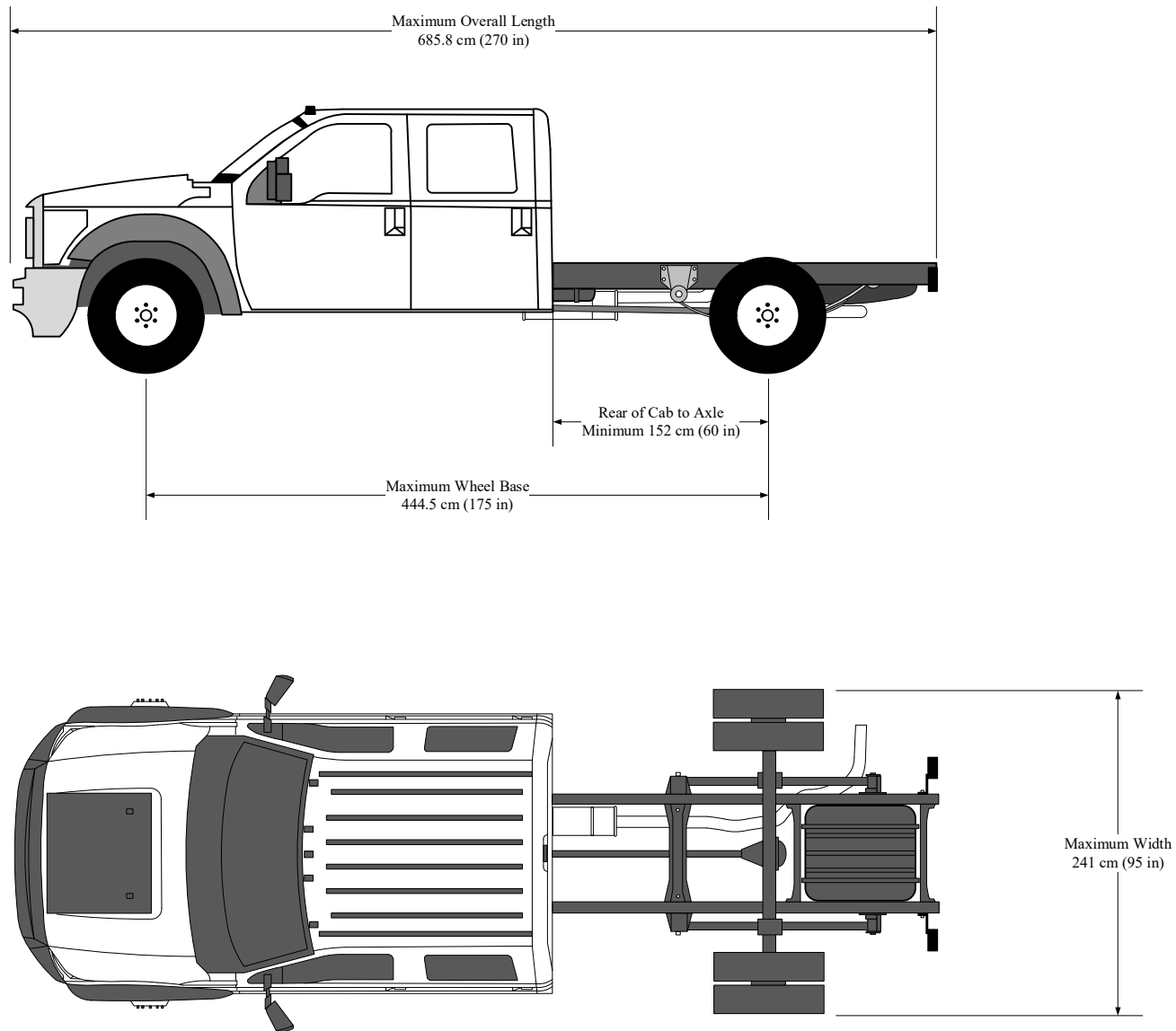


Figure 1: Class 5 Diesel Truck Schematic

ANNEX B

PURCHASE DESCRIPTION FOR BOAT HAULER BODY

1. SCOPE

1.1 Purpose

This purchase description covers the requirements for a Boat Hauler Body.

1.2 Primacy of Requirements

This document must be used in conjunction with the Class 5 Diesel Truck Purchase Description.

1.3 Nominal Dimensions

All dimensions indicated in this document are considered nominal dimensions, unless otherwise specified.

1.4 Instructions

The following instructions apply to the interpretation of this Purchase Description:

- a) Requirements, which are identified by the word “must”, are mandatory. Deviations will not be permitted;
- b) Requirements identified with a “will” define actions to be performed by Canada and require no action/obligation on the Contractor’s part;
- c) Where “must” or “will” are not used, the information provided is for guidance only;
- d) In this document "provided" must mean "provided and installed";
- e) Where a technical certification is referred to in this purchase description, a copy of the certification or an acceptable Proof of Compliance must be supplied for the vehicle when requested by the Technical Authority;
- f) Metric measurements are used to define the requirement. Other measurements are for reference only and may not be exact conversions;
- g) Where a standard is specified and the Bidder has offered an equivalent, that equivalent standard must be supplied by the Bidder; and
- h) Dimensions stated as nominal are to be treated as approximate dimensions. Nominal dimensions reflect a method by which materials or products are generally identified for sale commercially, but which differ from the actual dimensions.

1.5 Definitions

The following definitions apply to the interpretation of this Purchase Description:

- a) “Equivalent” - Substitutes and alternatives that are equivalent in product, performance or a standard will be considered for acceptance by the Technical Authority where Proof of Compliance for equivalency for the respective requirement is provided for evaluation;
- b) “Vehicle” – The entire vehicle including the Class 5 Diesel Truck and Boat Hauler Body with all systems and sub-systems in a complete manufactured state in accordance with the requirements in this Purchase Description; and

-
- c) "Technical Authority" - The government official responsible for technical content of this requirement.

1.6 Technical Information Questionnaire

The Bidder must complete the Technical Information Questionnaire at Annex E. A nil response to a Technical Information Questionnaire question may be considered non-compliant. Any deviation from the purchase description must be listed in the Conformance Certificate.

2. **BOAT HAULER BODY REQUIREMENTS**

2.1 Body Layout Sketches

Sketches of the requested body layout are included with this Purchase Description. Sketches are for guidance only and are not to scale. Compliance is based on the specific clauses in the Purchase Description and not on the sketches. The following sketches are included:

- a) Figure 2 - Boat Hauler - Overview; and
- b) Figure 3 - Boat Hauler Body - Details.

2.2 Boat Hauler Body Features

The Boat Hauler Body must include the following features:

- a) A utility box of a low profile modular design that extends the length of the body as follows:
 - i. Constructed from minimum 0.3175 cm (0.125 in) thick aluminum attached to the vehicle frame as follows:
 - ii. Nominal 228.6 (94 in) wide by 274.3 (108 in) long;
 - iii. Height of no more than nominal 54.6 cm (21.5 in) above the frame so as to not obstruct the rear view of the driver through the back window of the cab;
 - iv. Include an aluminum checker plate rock guard on the front face of the body; and
 - v. Sides and rear painted to match the color of the vehicle;
- b) Storage compartments as follows:
 - i. Front compartment located forward of the rear wheels that extends the width of the body;
 - ii. Horizontal side compartments on each side of the body, located above the rear wheels, that extend from the front compartment to the rear of the body; and
 - iii. Vertical side compartments on each side of the body, located behind the rear wheels below the horizontal side compartments;
- c) Top deck constructed from minimum 0.476 cm (0.1875 in) thick aluminum as follows:
 - i. Carrying capacity of minimum 454 kg (1000 lbs) spread evenly over the surface;
 - ii. Three (3) recessed tie-down points on each side (driver and passenger) with a minimum capacity of 250 kg (550 lbs) each including one (1) on front and rear corners and one (1) centered on the side; and
 - iii. Top sprayed with a non-slip coating;
- d) Cargo box located between the horizontal side compartments to the rear of the front compartment, between the top deck and above the vehicle frame, with access through the rear tailgate;
- e) A locking/unlocking system that gangs the storage compartment locks on each side of the vehicle to a central location at the rear of the vehicle that includes provision to lock in the closed position with a padlock;
- f) Flip-down steps to facilitate loading and tie-down of equipment on the top deck as follows:

-
- i. Constructed from aluminum with a non-slip coating on the top surface, or from an aluminum grate to provide an inherent non-slip top surface;
 - ii. Located as follows:
 - a. Left and right rear sides of the utility box below the tailgate; and
 - b. Left and front forward sides of the utility box;
 - iii. Have a minimum load capacity of 250 kg (550 lbs) each; and
 - iv. Permits folding upwards against the side of the utility box during transit, with a locking mechanism in the folded (upwards) position;
- g) Fuel and diesel exhaust fluid filling ports on the left (driver's side) wheel well cover that are attached to the respective tanks with the proper slope and ventilation to prevent filling problems (e.g., backflow, slow filling, etc.); and
- h) Two (2) 110 VAC GFI 400 Watt outlets as follows:
- i. Located within the cargo box at the rear of the vehicle for access when the tail gate is down; and
 - ii. Connected to the vehicle inverter;
- i) Install a back-up camera on to the rear of the body including all wiring required to make it function with the OEM back-up camera system.

2.3 Boat Hauler Body Storage Compartments

The Boat Hauler Body must have storage compartments as follows:

- a) Constructed from aluminum plate with minimum thicknesses as follows:
 - i. Walls: 0.3175 cm (0.125 in); and
 - ii. Floors: 0.476 cm (0.1875 in);
- b) Have compartment doors as follows:
 - i. Equipped with flush-mounted, lockable slam-action latches with a minimum of two (2) latch points per door;
 - ii. Stainless steel or cadmium plated hinges, pins and hardware;
 - iii. Include bulb type perimeter door seals installed on the door or doorframe ("Peel and stick" style door seals are not acceptable); and
 - iv. Have maximum load for drawers and shelves clearly marked on the inside of the compartment door;
- c) Include LED lighting to illuminate the interior of the compartment;
- d) Have interior walls and floors sprayed with an impact and noise protective coating such as Rhino liner, Armorthane or LineX;
- e) Include a removable tough perforated vinyl matting on all compartment floors such as Levitt-Safety or Dri-Dek anti-slip matting;
- f) Include drain holes to exterior fitted with one-way evacuation valves; and
- g) Include shelves, where practical; in each compartment as follows:
 - i. Adjustable height and removable;
 - ii. Include a removable tough perforated vinyl matting on the top surface such as Levitt-Safety or Dri-Dek anti-slip; and
 - iii. Include a drain hole with the shelf sloped towards the hole.

2.3.1 Front Compartment

The Boat Hauler Body front storage compartments must:

- a) Have nominal dimensions as follows:
 - i. Height: 105.4 cm (41.5 in);
 - ii. Width; 86.36 cm (34 in); and
 - iii. Length: 228.6 cm (94 in);
- b) Include doors as follows:
 - i. Double doors on both the driver's side and passenger side of the compartment; and
 - ii. Open towards the front and rear of the vehicle;
- c) Include a roll-out cargo bed on each side of the compartment as follows:
 - i. Minimum capacity of 68 kg (150 lbs) each;
 - ii. Include latches to lock the bed in the fully retracted and fully extended positions; and
 - iii. Include mounting points on the passenger side for the spare tire and tire-changing tools;
- d) Include a small bin mounted on the upper front corner of the driver's side with a coded (keypad) locking system for storage of small items (e.g., keys, wallets, identification, etc.).

2.3.2 Horizontal Side Compartment

The Boat Hauler Body horizontal side storage compartments must:

- a) Have nominal dimensions as follows:
 - i. Height: 54.6 cm (21.5 in);
 - ii. Width; 60.96 cm (24 in); and
 - iii. Length: 187.96 cm (74 in);
- b) Include doors as follows:
 - i. Single door the length of the compartment;
 - ii. Opens upward with a swing of no less that 160 degrees; and
 - iii. Include gas struts to maintain the door in the up (open) position.

2.3.3 Vertical Side Compartment

The Boat Hauler Body vertical side storage compartments must:

- a) Have nominal dimensions as follows:
 - i. Height: 50.8 cm (20 in);
 - ii. Width; 60.96 cm (24 in); and
 - iii. Length: 68.58 cm (27 in);
- b) Include doors as follows:
 - i. Single door the length of the compartment; and
 - ii. Opens towards the front of the vehicle

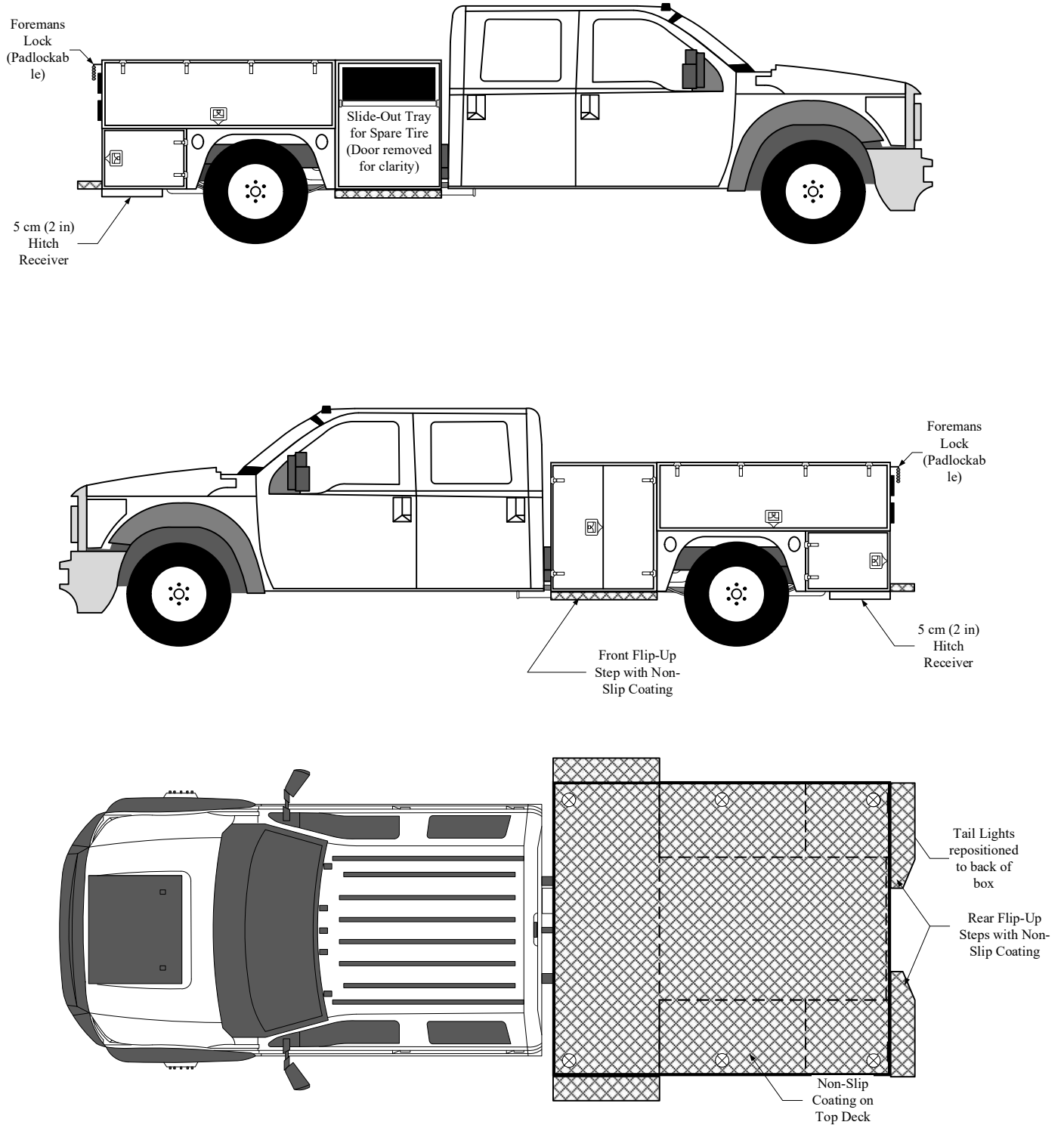


Figure 2 - Boat Hauler – Overview

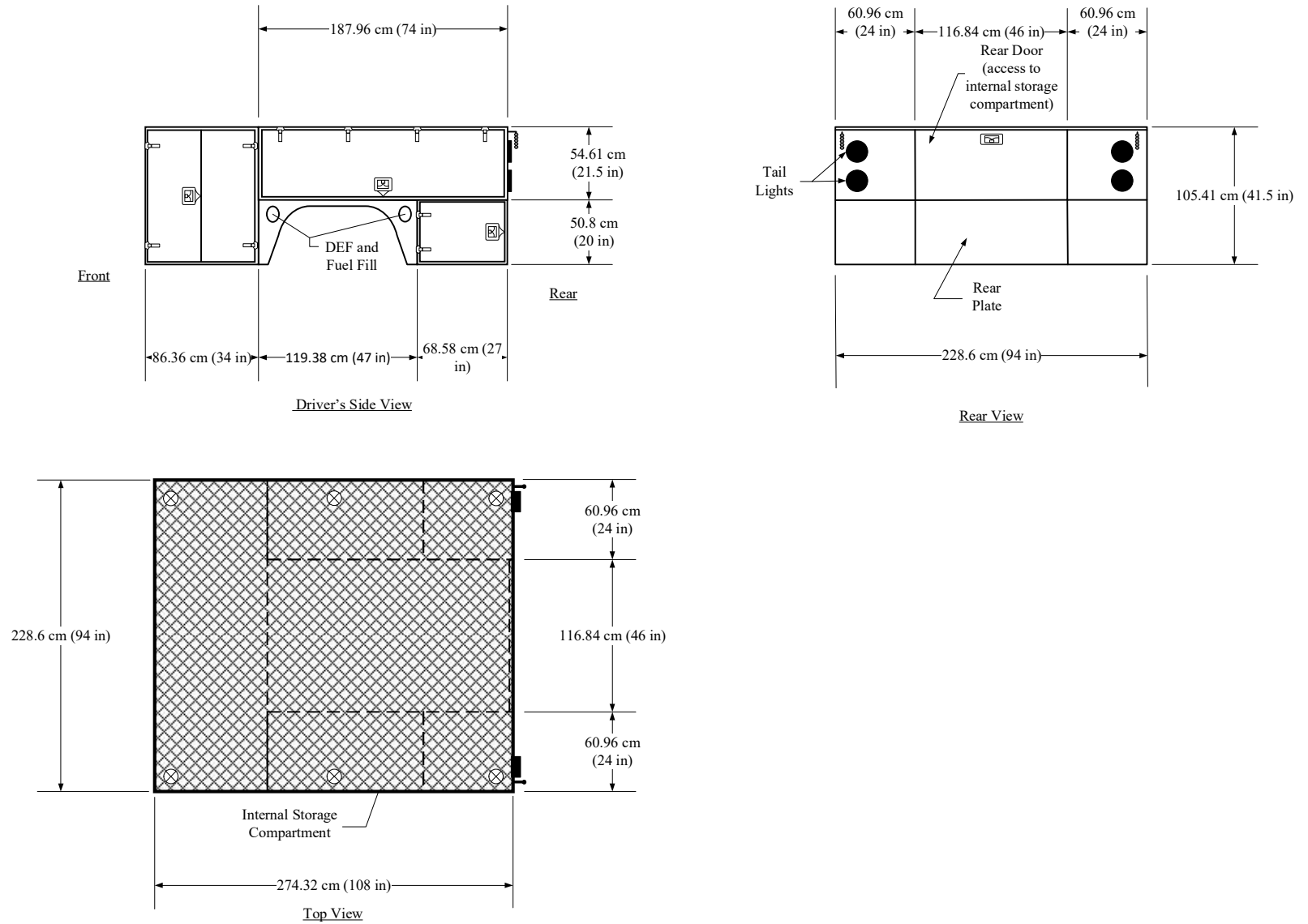


Figure 3 - Boat Hauler Body - Details

ANNEX C
PURCHASE DESCRIPTION FOR MOBILE REPAIR TRUCK (MRT) BODY

1. SCOPE

1.1 Purpose

This purchase description covers the requirements for a Mobile Repair Truck (MRT) Body.

1.2 Primacy of Requirements

This document must be used in conjunction with the Class 5 Diesel Truck Purchase Description.

1.3 Nominal Dimensions

All dimensions indicated in this document are considered nominal dimensions, unless otherwise specified.

1.4 Instructions

The following instructions apply to the interpretation of this Purchase Description:

- a) Requirements, which are identified by the word “must”, are mandatory. Deviations will not be permitted;
- b) Requirements identified with a “will” define actions to be performed by Canada and require no action/obligation on the Contractor’s part;
- c) Where “must” or “will” are not used, the information provided is for guidance only;
- d) In this document "provided" must mean "provided and installed";
- e) Where a technical certification is referred to in this purchase description, a copy of the certification or an acceptable Proof of Compliance must be supplied for the vehicle when requested by the Technical Authority;
- f) Metric measurements are used to define the requirement. Other measurements are for reference only and may not be exact conversions;
- g) Where a standard is specified and the Bidder has offered an equivalent, that equivalent standard must be supplied by the Bidder; and
- h) Dimensions stated as nominal are to be treated as approximate dimensions. Nominal dimensions reflect a method by which materials or products are generally identified for sale commercially, but which differ from the actual dimensions.

1.5 Definitions

The following definitions apply to the interpretation of this Purchase Description:

- a) “Equivalent” - Substitutes and alternatives that are equivalent in product, performance or a standard will be considered for acceptance by the Technical Authority where Proof of Compliance for equivalency for the respective requirement is provided for evaluation;
- b) “Vehicle” – The entire vehicle including the Class 5 Diesel Truck and MRT Body with all systems and sub-systems in a complete manufactured state in accordance with the requirements in this Purchase Description; and

-
- c) "Technical Authority" - The government official responsible for technical content of this requirement.

1.6 Technical Information Questionnaire

The Bidder must complete the Technical Information Questionnaire at Annex E. A nil response to a Technical Information Questionnaire question may be considered non-compliant. Any deviation from the purchase description must be listed in the Conformance Certificate.

2. MRT BODY REQUIREMENTS

2.1 MRT Body Layout Sketches

Sketches of the requested body layout are included with this Purchase Description. Sketches are for guidance only and are not to scale. Compliance is based on the specific clauses in the Purchase Description and not on the sketches. The following sketches are included:

- a) Figure 4 - MRT - Overview;
- b) Figure 5 - MRT Body Details - Drivers Side; and
- c) Figure 6 - MRT Body Details - Passengers Side.

2.2 MRT Workshop

The MRT Workshop must include the following as a minimum:

- a) Utilize the SPACEKAP DIABLO® (or equivalent) 244 cm (8 ft) length canopy compatible with the Class 5 Diesel Truck with 244 cm (8 ft) length bed as follows (see Figure 4):
 - i. Fiberglass construction with an exterior white gel-coat finish;
 - ii. 40/60 rear split doors as follows:
 - a. Stainless steel hardware (hinges, etc.);
 - b. Latches on each door that are lockable from both the inside and outside; and
 - c. 70% Visible Light Transmission (VLT) black tinted windows in each door;
 - iii. Does not require vehicle modification (drilling, etc.) for installation;
 - iv. Includes LED 3rd brake light; and
 - v. Includes LED interior lighting;
- b) Include an inverter/generator as follows (see Figure 6):
 - i. Electric start gas motor, 4 stroke, air cooled with a low oil level warning (audible and visible) and a minimum 13 liters (3 Imperial Gallons) fuel tank;
 - ii. Minimum 3 kW with outputs as follows:
 - a. 120 Volts AC at 60 Hz; and
 - b. 12 VDC;
 - iii. Installed in a compartment on the right (curb) forward side of the canopy that permits operation of the generator while working safely within the canopy as follows:
 - a. Heavy gauge aluminum construction with heat resistant and sound proofing insulation lining on all sides;
 - b. A vented access door that opens upward with a means to hold the door in the up (open) position without operator intervention; and
 - c. Mounted on a heavy-duty slide-out tray that permits the generator to be fully drawn out of the compartment for servicing, with slides rated to hold the weight of the generator in the fully extended position;
- c) General features as follows:
 - i. Cabinets, shelving and doors constructed from heavy duty welded aluminum;
 - ii. Doors and drawers securely self-latch when closing; and
 - iii. Shelving to have adjustable dividers and rubber lining;

-
- d) Interior left (road) side fixtures as follows (see Figure 5):
- i. Heavy Duty Workbench with a heavy gauge aluminum top as follows:
 - a. Length: 240 cm (96 in);
 - b. Depth: 50 cm (20 in) with a 8 cm (3 in) backsplash; and
 - c. Height from floor: 97 cm (38 in);
 - ii. Under-mounted cabinets as follows:
 - a. Two (2) cabinets, mounted at either end, as follows:
 1. Upper three (3) drawer cabinet with dimensions as follows:
 - a. Length: 60 cm (24 in);
 - b. Height: 48 cm (19 in); and
 - c. Depth: 50 cm (20 in);
 2. Lower single door cabinet with dimensions as follows:
 - a. Length: 60 cm (24 in);
 - b. Height: 30 cm (12 in); and
 - c. Depth: 20 cm (8 in);
 - b. One (1) double door cabinet, mounted in the center of the workbench between the three (3) drawer cabinets with dimensions as follows:
 1. Length: 120 cm (48 in);
 2. Height: 48 cm (19 in); and
 3. Depth: 50 cm (20 in);
 - iii. Overhead cabinet as follows:
 - a. Dimensions as follows:
 1. Length: 240 cm (96 in);
 2. Height: 30 cm (12 in); and
 3. Depth: 35 cm (14 in);
 - b. Include minimum one (1) support on the face side of the cabinet to prevent the shelf from sagging when loaded with equipment;
- e) Interior right (curb) side fixtures as follows (see Figure 6):
- i. Rear cabinets as follows:
 - a. Lower four (4) drawer cabinet with dimensions as follows:
 1. Length: 60 cm (24 in);
 2. Height: 60 cm (24 in); and
 3. Depth: 50 cm (20 in);
 - b. Upper double door cabinet with dimensions as follows:
 1. Length: 60 cm (24 in);
 2. Height: 60 cm (24 in); and
 3. Depth: 50 cm (20 in);
 - ii. Center cabinet as follows:
 - a. Mounted above the generator cabinet, forward of the rear cabinets, as follows:
 - b. Dimensions as follows:
 1. Length: 91 cm (36 in);
 2. Height: 60 cm (24 in); and
 3. Depth: 50 cm (20 in)
 - c. Include five (5) slide-out parts trays;
 - iii. Shelving unit mounted forward/above the rear cabinets and generator compartment as follows:
 - a. Two (2) lower shelves above the generator compartment forward of the center compartment as follows:
 1. Dimensions as follows:
 - a. Length: 91 cm (36 in);
 - b. Height: 30 cm (12 in); and
 - c. Depth: 50 cm (20 in);
 2. Include removable poly parts bins on each shelf;
 - b. Two (2) upper shelves with access doors as follows:
 1. Dimensions as follows:

-
- a. Length: 231 cm (91 in);
 - b. Height: 30 cm (12 in); and
 - c. Depth: 51 cm (20 in);
2. Include removable poly parts bins on each shelf;
- f) Cab overhang as follows (see Figure 5):
 - i. Reinforced floor with minimum 1.3 cm (0.5 in) plywood covered by a non-slip rubber mat;
 - ii. Maximum 5 cm (2 in) high cargo stop (lip) built into the rear edge of the overhang; and
 - iii. Include a cargo tie-down system as follows:
 - a. Two (2) tracks recessed into the right and left side floor of the overhang; and
 - b. Minimum four (4) D-ring tie downs (two each side) on slides that are movable along the length of the track and can be locked into position;
 - g) Floor to be covered as follows:
 - i. Non-slip material that provides cushioning relief for extended periods of standing; and
 - ii. Removable to permit cleaning;
 - h) Electrical system as follows:
 - i. Include a 120 Volt AC shore power connection as follows:
 - a. Connection plug located at the rear of the body on the right (curb) side; and
 - b. A manual cross-connection to select shore power or generator;
 - ii. 120 Volt AC power panel with circuit breakers rated for the Ground-Fault Circuit Interrupter (GFCI) plugs and lighting;
 - iii. Include five (5) 120 Volt AC GFCI plugs installed in the following locations:
 - a. One (1) plug on either end of the workbench (total two (2) plugs);
 - b. One (1) plug at the rear of the cargo area, accessible from the door when standing outside the canopy;
 - c. One (1) plug at the front of the cargo area;
 - d. One (1) plug on the exterior of the canopy on the right (curb) side and
 - e. Each plug to be wired independently to the power panel;
 - iv. Include lighting as follows:
 - a. Overhead strip LED lighting to provide general illumination of the canopy interior;
 - b. Workbench LED strip task lighting sufficient to permit reading technical manuals;
 - c. Exterior LED flood lighting to provide illumination to the rear, left, and right of the vehicle; and
 - d. LED strip lighting under the awning;
 - v. Installed using protected (insulated) wiring as follows:
 - a. Wiring to be permanently installed and routed out of sight;
 - b. Wiring to be of consistent type throughout the installation; and
 - c. Wiring to be sized appropriately for the current, voltage and cable length;
 - i) Rear hitch mounted folding double access step as follows:
 - i. Constructed from heavy gauge aluminum;
 - ii. 25 cm wide x 50 cm long (10 in x 24 in); and
 - iii. Serrated aluminum step top to provide traction;
 - j) Exterior canopy mounted awning as follows:
 - i. Minimum 210 cm (84 in) in length;
 - ii. Mounted on the right (curb) side of the canopy;
 - iii. Self-supporting when extended (no ground support poles required); and
 - iv. Constructed with a heavy gauge frame and a weather resistant/waterproof awning cover;
 - k) Include a heavy duty jacking system as follows:
 - i. Four (4) jacks, one (1) on each corner of the box area;
 - ii. Forward jacks located such that the Class 5 Diesel Truck with dual rear wheels can pass through the opening to mount/dismount the workshop;

-
- iii. Minimum capacity of 1000 kg (2200 lbs) each; and
 - iv. Permits lifting the entire MRT Workshop and contents off the vehicle bed for transfer to another vehicle without emptying or disturbing the contents of the workshop;
- l) Include safety equipment as follows:
- i. First aid kit;
 - ii. Fire extinguisher (class A,B,C); and
 - iii. Safety triangle kit;
- m) Install a back-up camera on to the rear of the body including all wiring required to make it function with the OEM back-up camera system.

2.3 Vehicle Mounting

The MRT Workshop must be mounted on the Class 5 Diesel Truck as follows:

- a) Mount the MRT Workshop to the Class 5 Diesel Truck utilizing the manufacturer's recommended instructions;
- b) Complete all connections from the MRT Workshop to the Class 5 Diesel Truck electrical system as required (lights, signals, etc.); and
- c) Not, in the performance of the work, render the vehicle illegal to operate on Canadian roadways in accordance with the CMVSS.

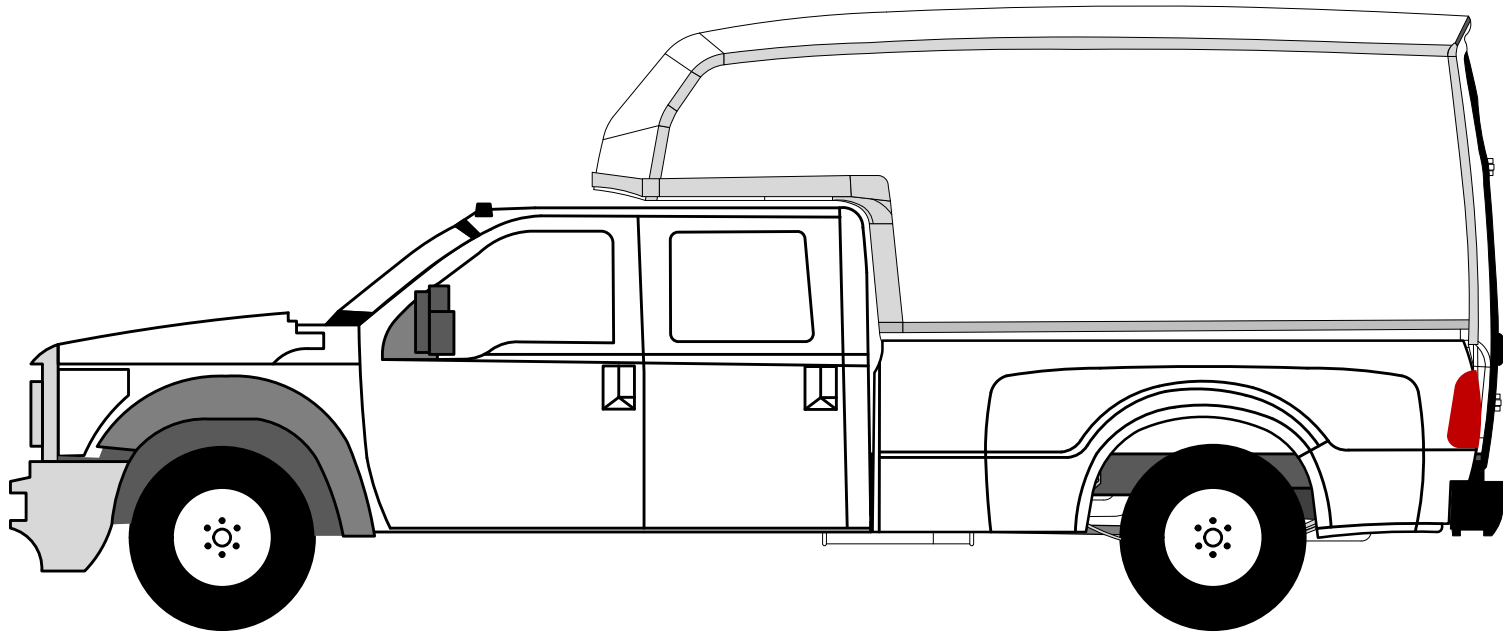


Figure 4 - MRT - Overview

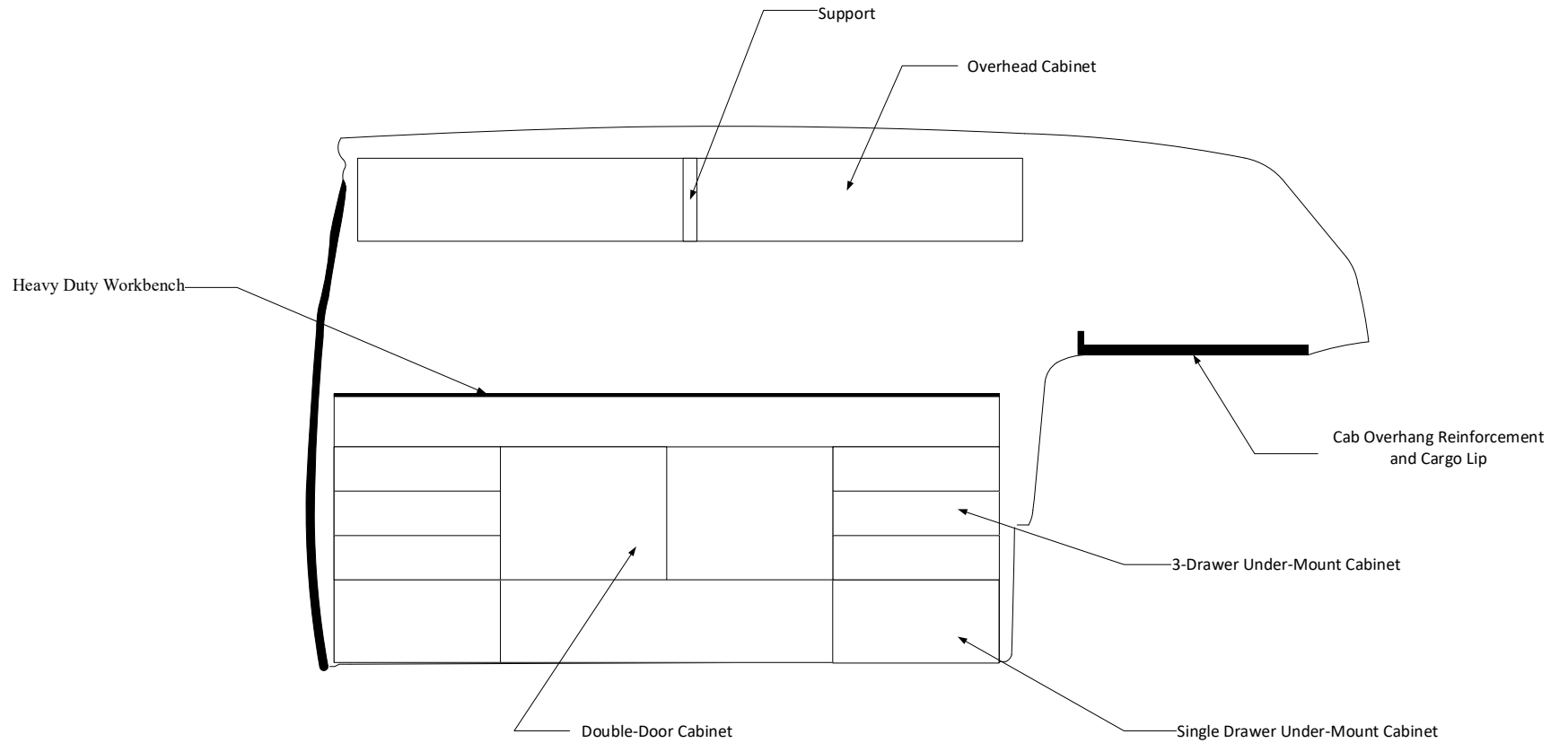


Figure 5 - MRT Body Details - Drivers Side

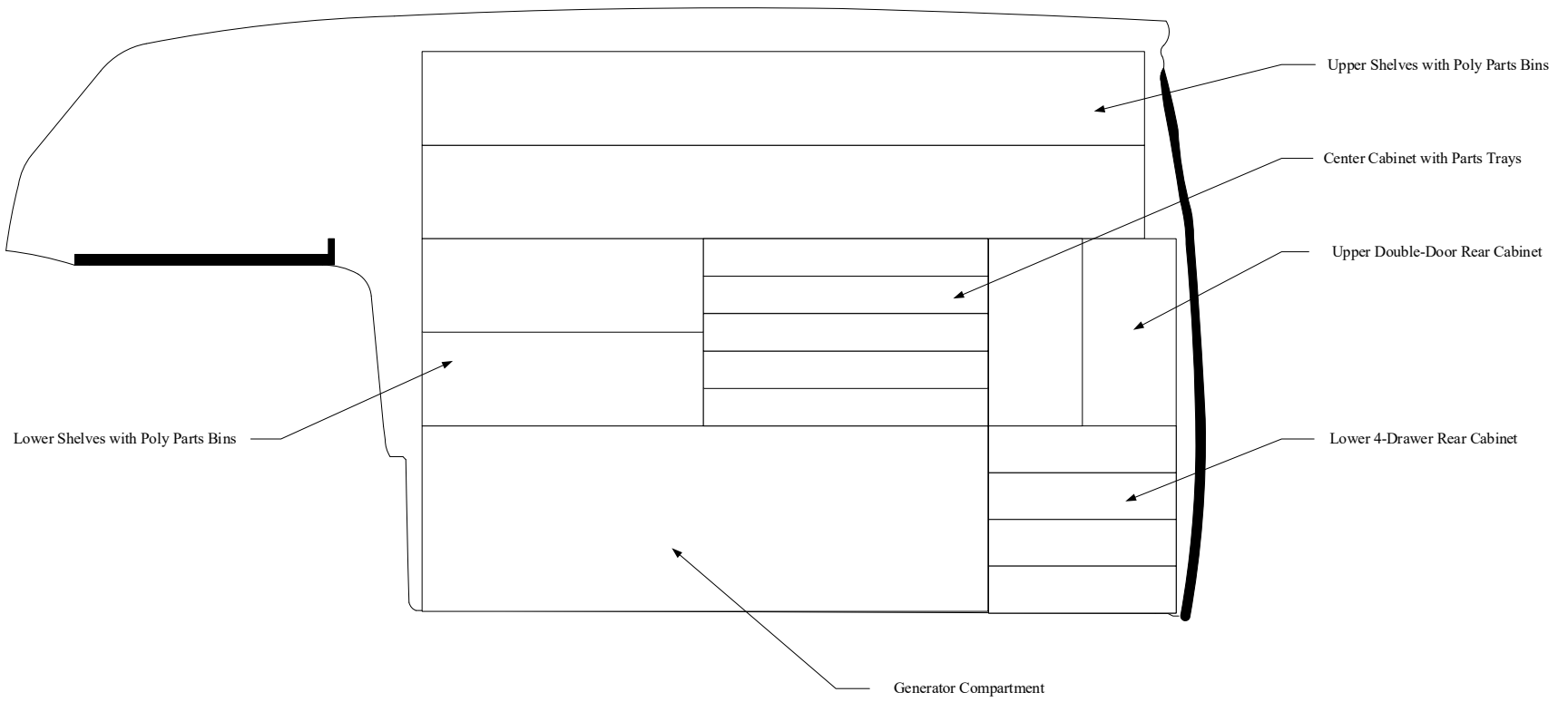


Figure 6 - MRT Body Details - Passengers Side

ANNEX D
BASIS OF PAYMENT

| Item No. | Description | Quantity | Delivery Address <i>(complete addresses to be provided at contract award)</i> | Delivery Date | Firm Unit Price | Extended Price |
|-----------------|--|-----------------|---|----------------------------------|----------------------------|-----------------------|
| 01 | Class 5 Diesel Truck with Boat Hauler Body Configuration | 5 | Ashton, Ontario | _____ DD/MM/YYYY | | |
| 02 | Class 5 Diesel Truck with Boat Hauler Body Configuration | 5 | Colwood, British Columbia | _____ DD/MM/YYYY | | |
| 03 | Class 5 Diesel Truck with Boat Hauler Body Configuration | 5 | Dartmouth, Nova Scotia | _____ DD/MM/YYYY | | |
| 04 | Class 5 Diesel Truck with MRT Body Configuration | 1 | Ashton, Ontario | _____ DD/MM/YYYY | | |
| 05 | Class 5 Diesel Truck with MRT Body Configuration | 1 | Colwood, British Columbia | _____ DD/MM/YYYY | | |
| 06 | Class 5 Diesel Truck with MRT Body Configuration | 1 | Dartmouth, Nova Scotia | _____ DD/MM/YYYY | | |
| 07 | Training in accordance with Annex A, paragraph 2.30 | 1 | Ashton, Ontario | Within one (1) month of delivery | | |
| | | | | | Sub-total | |
| | | | | | Applicable tax (%) | |
| | | | | | TOTAL | |

| Optional Quantity – Can be exercised within twenty-four (24) months after contract award | | | | | | |
|---|--|-----------------|---|----------------------------------|----------------------------|-----------------------|
| Item No. | Description | Quantity | Delivery Address | Delivery Lead Time | Firm Unit Price | Extended Price |
| 08 | Class 5 Diesel Truck with Boat Hauler Body Configuration | 2 | Ashton, Ontario <i>(complete address to be provided at contract award)</i> | _____ Days | | |
| 09 | Class 5 Diesel Truck with MRT Body Configuration | 10 | Ashton, Ontario <i>(complete address to be provided at contract award)</i> | _____ Days | | |
| 10 | Training in accordance with Annex A, paragraph 2.30 | 1 | Ashton, Ontario | Within one (1) month of delivery | | |
| | | | | | Sub-total | |
| | | | | | Applicable tax (%) | |
| | | | | | TOTAL | |

Extended Warranty Period

If the warranty period is extended for an additional period of _____ months/calendar days *(to be provided by Bidder)*, the Contractor will be paid a firm unit price of \$ _____ *(to be provided by Bidder)* per vehicle/equipment, applicable taxes are extra.

ANNEX E
TECHNICAL INFORMATION QUESTIONNAIRES

Purpose

This Annex covers technical information to be supplied by each Bidder. This information is required by the Technical Authority for technical assessment of equipment offered.

Instructions

Bidders will be assessed in accordance with the criteria detailed in this Annex. In the Compliance Matrices (Tables 1, 2 and 3), the Bidder must indicate compliance (Yes/No) for each item and provide a reference (e.g., page number, section, etc.) in the bid where information pertaining to compliance can be found. Note that by circling "No" to any one compliance item will result in the bid being deemed non-compliant and given no further consideration.

PURCHASE DESCRIPTION PARAGRAPHS

The paragraph numbers referenced refer to the paragraphs in the Purchase Description (Annexes A, B and C) and not to those within this Annex.

Table 1: Compliance Matrix for Class 5 Diesel Truck

| Annex A Para | Description | Compliant Circle One | Bid Reference |
|---------------------|---|-----------------------------|----------------------|
| 2.1 | Standard Design: Make/Model: Model Year: | Yes / No | |
| 2.2 | Operating Conditions | Yes / No | |
| 2.3.1 | Vehicle Safety Regulations Origin of Manufacture: (Canada or foreign) | Yes / No | |
| 2.3.2 | Hazardous Materials | Yes / No | |
| 2.3.3 | Human Engineering and Safety | Yes / No | |
| 2.4 | Maintainability | Yes / No | |
| 2.5 | Ratings: Gross Vehicle Weight Rating: Payload: Conventional Towed Load Capacity: | Yes / No | |

| | | | |
|-------|--|----------|--|
| | <p>Front Drive Axle Capacity:</p> <p>Rear Drive Axle Capacity:</p> | | |
| 2.6 | <p>Performance:</p> <p>Top Gear Road Speed:</p> <p>Vehicle Gradeability:</p> <p>Gross Engine Horsepower:</p> | Yes / No | |
| 2.7 | <p>Dimensions:</p> <p>Overall Width:</p> <p>Overall Length:</p> <p>Wheelbase:</p> <p>Cab to Rear Axle Centreline:</p> <p>Axle Clearance:</p> | Yes / No | |
| 2.8 | Engine | Yes / No | |
| 2.8.1 | Engine Components | Yes / No | |
| 2.9 | <p>Fuel System</p> <p>Total Capacity:</p> | Yes / No | |
| 2.10 | <p>Cold Weather Starting Aids</p> <p>Starting fluid injection system or an air intake heater system provided:</p> | Yes / No | |
| 2.11 | <p>Transmission</p> <p>Forward Speeds:</p> <p>Reverse Speeds:</p> | Yes / No | |

| | | | |
|--------|--|----------|--|
| | High Idle Control: | | |
| 2.12 | Steering | Yes / No | |
| 2.13 | Brakes | Yes / No | |
| 2.14 | Wheels and Tires Tire Size and Load Rating: Spare Wheel and Tire provided: Wheels changing tools and hydraulic jack provided: | Yes / No | |
| 2.15 | Suspension | Yes / No | |
| 2.16 | Axles Four-Wheel Drive configurations: | Yes / No | |
| 2.17 | Frame Front/Rear reinforcement certificates to be provided upon delivery: Winch Make/Model: Box Length (MRT only): | Yes / No | |
| 2.18 | Cab | Yes / No | |
| 2.19 | Controls and Instruments | Yes / No | |
| 2.20 | Electrical System Alternator(s) Combined Output: Inverter Wattage: | Yes / No | |
| 2.20.1 | Batteries Combined Cold Cranking Capacity: | Yes / No | |
| 2.20.2 | Lights | Yes / No | |
| 2.21 | Miscellaneous Equipment | Yes / No | |

| | | | |
|------|---|----------|--|
| 2.22 | Trailer Towing Package Front Towed Load Capacity: Rear Towed Load Capacity: | Yes / No | |
| 2.23 | Paint | Yes / No | |
| 2.24 | Corrosion Protection System | Yes / No | |
| 2.25 | Corrosion Resistant Materials | Yes / No | |
| 2.26 | Lubricants and Hydraulic Fluids | Yes / No | |
| 2.27 | Warning and Instruction Plates | Yes / No | |
| 2.28 | Identification | Yes / No | |

Table 2: Compliance Matrix for Boat Hauler Body

| Annex B Para | Description | Compliant Circle One | Bid Reference |
|--------------|---|----------------------|---------------|
| 2.2 | <u>Boat Hauler Body Features</u> The Boat Hauler Body must include the following features: | | |
| | a) A utility box of a low profile modular design that extends the length of the body as follows: i. Constructed from minimum 0.3175 cm (0.125 in) thick aluminum attached to the vehicle frame as follows: ii. Nominal 228.6 (94 in) wide by 274.3 (108 in) long; iii. Height of no more than nominal 54.6 cm (21.5 in) above the frame so as to not obstruct the rear view of the driver through the back window of the cab; iv. Include an aluminum checker plate rock guard on the front face of the body; and v. Sides and rear painted to match the color of the vehicle; | Yes / No | |
| | b) Storage compartments as follows: i. Front compartment located forward of the rear wheels that extends the width of the body; ii. Horizontal side compartments on each side of the body, located above the rear wheels, that extend from the front compartment to the rear of the body; and iii. Vertical side compartments on each side of the body, located behind the rear wheels below the horizontal side compartments; | Yes / No | |

| | | | |
|-----|---|----------|--|
| | <p>c) Top deck constructed from minimum 0.476 cm (0.1875 in) thick aluminum as follows:</p> <ul style="list-style-type: none"> i. Carrying capacity of minimum 454 kg (1000 lbs) spread evenly over the surface; ii. Three (3) recessed tie-down points on each side (driver and passenger) with a minimum capacity of 250 kg (550 lbs) each including one (1) on front and rear corners and one (1) centered on the side; and iii. Top sprayed with a non-slip coating; | Yes / No | |
| | <p>d) Cargo box located between the horizontal side compartments to the rear of the front compartment, between the top deck and above the vehicle frame, with access through the rear tailgate;</p> | Yes / No | |
| | <p>e) A locking/unlocking system that gangs the storage compartment locks on each side of the vehicle to a central location at the rear of the vehicle that includes provision to lock in the closed position with a padlock;</p> | Yes / No | |
| | <p>f) Flip-down steps to facilitate loading and tie-down of equipment on the top deck as follows:</p> <ul style="list-style-type: none"> i. Constructed from aluminum with a non-slip coating on the top surface, or from an aluminum grate to provide an inherent non-slip top surface; ii. Located as follows: <ul style="list-style-type: none"> a. Left and right rear sides of the utility box below the tailgate; and b. Left and front forward sides of the utility box; iii. Have a minimum load capacity of 250 kg (550 lbs) each; and iv. Permits folding upwards against the side of the utility box during transit, with a locking mechanism in the folded (upwards) position; | Yes / No | |
| | <p>g) Fuel and diesel exhaust fluid filling ports on the left (driver's side) wheel well cover that are attached to the respective tanks with the proper slope and ventilation to prevent filling problems (e.g., backflow, slow filling, etc.);</p> | Yes / No | |
| | <p>h) Two (2) 110 VAC GFI 400 Watt outlets as follows:</p> <ul style="list-style-type: none"> i. Located within the cargo box at the rear of the vehicle for access when the tail gate is down; and ii. Connected to the vehicle inverter. | Yes / No | |
| | <p>i) Install a back-up camera on to the rear of the body including all wiring required to make it function with the OEM back-up camera system.</p> | Yes / No | |
| 2.3 | <p><u>Boat Hauler Body Storage Compartments</u> The Boat Hauler Body must have storage compartments as follows:</p> | | |
| | <p>a) Constructed from aluminum plate with minimum thicknesses as follows:</p> <ul style="list-style-type: none"> i. Walls: 0.3175 cm (0.125 in); and | Yes / No | |

| | | | |
|-------|---|----------|--|
| | ii. Floors: 0.476 cm (0.1875 in); | | |
| | b) Have compartment doors as follows: i. Equipped with flush-mounted, lockable slam-action latches with a minimum of two (2) latch points per door; ii. Stainless steel or cadmium plated hinges, pins and hardware; iii. Include bulb type perimeter door seals installed on the door or doorframe ("Peel and stick" style door seals are not acceptable); and iv. Have maximum load for drawers and shelves clearly marked on the inside of the compartment door; | Yes / No | |
| | c) Include LED lighting to illuminate the interior of the compartment; | Yes / No | |
| | d) Have interior walls and floors sprayed with an impact and noise protective coating such as Rhino liner, Armorthane or LineX; | Yes / No | |
| | e) Include a removable tough perforated vinyl matting on all compartment floors such as Levitt-Safety or Dri-Dek anti-slip matting; | Yes / No | |
| | f) Include drain holes to exterior fitted with one-way evacuation valves; | Yes / No | |
| | g) Include shelves, where practical; in each compartment as follows: i. Adjustable height and removable; ii. Include a removable tough perforated vinyl matting on the top surface such as Levitt-Safety or Dri-Dek anti-slip; and iii. Include a drain hole with the shelf sloped towards the hole. | Yes / No | |
| 2.3.1 | <u>Front Compartment</u> The Boat Hauler Body front storage compartments must: | | |
| | a) Have nominal dimensions as follows: i. Height: 105.4 cm (41.5 in); ii. Width; 86.36 cm (34 in); and iii. Length: 228.6 cm (94 in); | Yes / No | |
| | b) Include doors as follows: i. Double doors on both the drivers side and passenger side of the compartment; and ii. Open towards the front and rear of the vehicle; | Yes / No | |
| | c) Include a roll-out cargo bed on each side of the compartment as follows: i. Minimum capacity of 68 kg (150 lbs) each; ii. Include latches to lock the bed in the fully retracted and fully extended positions; and iii. Include mounting points on the passenger side for the spare tire and tire-changing tools; | Yes / No | |
| | d) Include a small bin mounted on the upper front corner of the driver's side | Yes / No | |

| | | | |
|-------|--|----------|--|
| | with a coded (keypad) locking system for storage of small items (e.g., keys, wallets, identification, etc.). | | |
| 2.3.2 | <u>Horizontal Side Compartment</u> The Boat Hauler Body horizontal side storage compartments must: | | |
| | a) Have nominal dimensions as follows: i. Height: 54.6 cm (21.5 in); ii. Width; 60.96 cm (24 in); and iii. Length: 187.96 cm (74 in); | Yes / No | |
| | b) Include doors as follows: i. Single door the length of the compartment; ii. Opens upward with a swing of no less that 160 degrees; and iii. Include gas struts to maintain the door in the up (open) position. | Yes / No | |
| 2.3.3 | <u>Vertical Side Compartment</u> The Boat Hauler Body vertical side storage compartments must: | | |
| | a) Have nominal dimensions as follows: i. Height: 50.8 cm (20 in); ii. Width; 60.96 cm (24 in); and iii. Length: 68.58 cm (27 in); | Yes / No | |
| | b) Include doors as follows: i. Single door the length of the compartment; and ii. Opens towards the front of the vehicle; | Yes / No | |

Table 3: Compliance Matrix for MRT Workshop

| Annex C Para | Description | Compliant Circle One | Bid Reference |
|---------------------|--|-----------------------------|----------------------|
| 2.2 | <u>MRT Workshop</u> The MRT Workshop must include the following as a minimum: | | |
| | a) Utilize the SPACEKAP DIABLO® (or equivalent) 244 cm (8 ft) length canopy compatible with the Class 5 Diesel Truck with 244 cm (8 ft) length bed as follows: i. Fiberglass construction with an exterior white gel-coat finish; ii. 40/60 rear split doors as follows: a. Stainless steel hardware (hinges, etc.); b. Latches on each door that are lockable from both the inside and outside; and c. 70% Visible Light Transmission (VLT) black tinted windows in each door; | Yes / No | |

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| | <ul style="list-style-type: none"> iii. Does not require vehicle modification (drilling, etc.) for installation; iv. Includes LED 3rd brake light; and v. Includes LED interior lighting; | | |
| | <ul style="list-style-type: none"> b) Include an inverter/generator as follows: <ul style="list-style-type: none"> i. Electric start gas motor, 4 stroke, air cooled with a low oil level warning (audible and visible) and a minimum 13 liters (3 Imperial Gallons) fuel tank; ii. Minimum 3 kW with outputs as follows: <ul style="list-style-type: none"> a. 120 Volts AC at 60 Hz; and b. 12 VDC; iii. Installed in a compartment on the right (curb) forward side of the canopy that permits operation of the generator while working safely within the canopy as follows: <ul style="list-style-type: none"> a. Heavy gauge aluminum construction with heat resistant and sound proofing insulation lining on all sides; b. A vented access door that opens upward with a means to hold the door in the up (open) position without operator intervention; and c. Mounted on a heavy-duty slide-out tray that permits the generator to be fully drawn out of the compartment for servicing, with slides rated to hold the weight of the generator in the fully extended position; | Yes / No | |
| | <ul style="list-style-type: none"> c) General features as follows: <ul style="list-style-type: none"> i. Cabinets, shelving and doors constructed from heavy duty welded aluminum; ii. Doors and drawers securely self-latch when closing; and iii. Shelving to have adjustable dividers and rubber lining; | Yes / No | |
| | <ul style="list-style-type: none"> d) Interior left (road) side fixtures as follows: <ul style="list-style-type: none"> i. Heavy Duty Workbench with a heavy gauge aluminum top as follows: <ul style="list-style-type: none"> a. Length: 240 cm (96 in); b. Depth: 50 cm (20 in) with a 8 cm (3 in) backsplash; and c. Height from floor: 97 cm (38 in); ii. Under-mounted cabinets as follows: <ul style="list-style-type: none"> a. Two (2) cabinets, mounted at either end, as follows: <ul style="list-style-type: none"> 1. Upper three (3) drawer cabinet with dimensions as follows: <ul style="list-style-type: none"> a. Length: 60 cm (24 in); | Yes / No | |

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| | <ul style="list-style-type: none"> b. Height: 48 cm (19 in); and c. Depth: 50 cm (20 in); 2. Lower single door cabinet with dimensions as follows: <ul style="list-style-type: none"> a. Length: 60 cm (24 in); b. Height: 30 cm (12 in); and c. Depth: 20 cm (8 in); b. One (1) double door cabinet, mounted in the center of the workbench between the three (3) drawer cabinets with dimensions as follows: <ul style="list-style-type: none"> 1. Length: 120 cm (48 in); 2. Height: 48 cm (19 in); and 3. Depth: 50 cm (20 in); iii. Overhead cabinet as follows: <ul style="list-style-type: none"> a. Dimensions as follows: <ul style="list-style-type: none"> 1. Length: 240 cm (96 in); 2. Height: 30 cm (12 in); and 3. Depth: 35 cm (14 in); b. Include minimum one (1) support on the face side of the cabinet to prevent the shelf from sagging when loaded with equipment; | | |
| | <ul style="list-style-type: none"> e) Interior right (curb) side fixtures as follows: <ul style="list-style-type: none"> i. Rear cabinets as follows: <ul style="list-style-type: none"> a. Lower four (4) drawer cabinet with dimensions as follows: <ul style="list-style-type: none"> 1. Length: 60 cm (24 in); 2. Height: 60 cm (24 in); and 3. Depth: 50 cm (20 in); b. Upper double door cabinet with dimensions as follows: <ul style="list-style-type: none"> 1. Length: 60 cm (24 in); 2. Height: 60 cm (24 in); and 3. Depth: 50 cm (20 in); ii. Center cabinet as follows: <ul style="list-style-type: none"> a. Mounted above the generator cabinet, forward of the rear cabinets, as follows: b. Dimensions as follows: <ul style="list-style-type: none"> 1. Length: 91 cm (36 in); 2. Height: 60 cm (24 in); and 3. Depth: 50 cm (20 in) c. Include five (5) slide-out parts trays; | <p>Yes / No</p> | |

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| | <p>iii. Shelving unit mounted forward/above the rear cabinets and generator compartment as follows:</p> <p>a. Two (2) lower shelves above the generator compartment forward of the center compartment as follows:</p> <ol style="list-style-type: none"> 1. Dimensions as follows: <ol style="list-style-type: none"> a. Length: 91 cm (36 in); b. Height: 30 cm (12 in); and c. Depth: 50 cm (20 in); 2. Include removable poly parts bins on each shelf; <p>b. Two (2) upper shelves with access doors as follows:</p> <ol style="list-style-type: none"> 1. Dimensions as follows: <ol style="list-style-type: none"> a. Length: 231 cm (91 in); b. Height: 30 cm (12 in); and c. Depth: 51 cm (20 in); 2. Include removable poly parts bins on each shelf; | | |
| | <p>f) Cab overhang as follows:</p> <ol style="list-style-type: none"> i. Reinforced floor with minimum 1.3 cm (0.5 in) plywood covered by a non-slip rubber mat; ii. Maximum 5 cm (2 in) high cargo stop (lip) built into the rear edge of the overhang; and iii. Include a cargo tie-down system as follows: <ol style="list-style-type: none"> a. Two (2) tracks recessed into the right and left side floor of the overhang; and b. Minimum four (4) D-ring tie downs (two each side) on slides that are movable along the length of the track and can be locked into position; | <p>Yes / No</p> | |
| | <p>g) Floor to be covered as follows:</p> <ol style="list-style-type: none"> i. Non-slip material that provides cushioning relief for extended periods of standing; and ii. Removable to permit cleaning; | <p>Yes / No</p> | |
| | <p>h) Electrical system as follows:</p> <ol style="list-style-type: none"> i. Include a 120 Volt AC shore power connection as follows: <ol style="list-style-type: none"> a. Connection plug located at the rear of the body on the right (curb) side; and b. A manual cross-connection to select shore power or generator; ii. 120 Volt AC power panel with circuit breakers rated for the Ground-Fault Circuit Interrupter (GFCI) plugs and lighting; iii. Include five (5) 120 Volt AC GFCI plugs installed in the following | <p>Yes / No</p> | |

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| | <p>locations:</p> <ul style="list-style-type: none"> a. One (1) plug on either end of the workbench (total two (2) plugs); b. One (1) plug at the rear of the cargo area, accessible from the door when standing outside the canopy; c. One (1) plug at the front of the cargo area; d. One (1) plug on the exterior of the canopy on the right (curb) side and e. Each plug to be wired independently to the power panel; <p>iv. Include lighting as follows:</p> <ul style="list-style-type: none"> a. Overhead strip LED lighting to provide general illumination of the canopy interior; b. Workbench LED strip task lighting sufficient to permit reading technical manuals; c. Exterior LED flood lighting to provide illumination to the rear, left, and right of the vehicle; and d. LED strip lighting under the awning; <p>v. Installed using protected (insulated) wiring as follows:</p> <ul style="list-style-type: none"> a. Wiring to be permanently installed and routed out of sight; b. Wiring to be of consistent type throughout the installation; and c. Wiring to be sized appropriately for the current, voltage and cable length; | | |
| | <p>i) Rear hitch mounted folding double access step as follows:</p> <ul style="list-style-type: none"> i. Constructed from heavy gauge aluminum; ii. 25 cm wide x 50 cm long (10 in x 24 in); and iii. Serrated aluminum step top to provided traction; | <p>Yes / No</p> | |
| | <p>j) Exterior canopy mounted awning as follows:</p> <ul style="list-style-type: none"> i. Minimum 210 cm (84 in) in length; ii. Mounted on the right (curb) side of the canopy; iii. Self-supporting when extended (no ground support poles required); and iv. Constructed with a heavy gauge frame and a weather resistant/waterproof awning cover; | <p>Yes / No</p> | |
| | <p>k) Include a heavy duty jacking system as follows:</p> <ul style="list-style-type: none"> i. Four (4) jacks, one (1) on each corner of the box area; ii. Forward jacks located such that the Class 5 Diesel Truck with dual rear wheels can pass through the opening to mount/dismount the workshop; | <p>Yes / No</p> | |

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| | <ul style="list-style-type: none"> iii. Minimum capacity of 1000 kg (2200 lbs) each; and iv. Permits lifting the entire MRT Workshop and contents off the vehicle bed for transfer to another vehicle without emptying or disturbing the contents of the workshop; | | |
| | <ul style="list-style-type: none"> l) Include safety equipment as follows: <ul style="list-style-type: none"> i. First aid kit; ii. Fire extinguisher (class A,B,C); and iii. Safety triangle kit. | Yes / No | |
| | <ul style="list-style-type: none"> m) Install a back-up camera on to the rear of the body including all wiring required to make it function with the OEM back-up camera system. | Yes / No | |
| 2.3 | <p><u>Vehicle Mounting</u> The MRT Workshop must be mounted on the Class 5 Diesel Truck as follows:</p> <ul style="list-style-type: none"> a) Mount the MRT Workshop to the Class 5 Diesel Truck utilizing the manufacturer's recommended instructions; b) Complete all connections from the MRT Workshop to the Class 5 Diesel Truck electrical system as required (lights, signals, etc.); and c) Not, in the performance of the work, render the vehicle illegal to operate on Canadian roadways in accordance with the CMVSS. | Yes / No | |

Conformance Certificate - If the vehicle and equipment offered do not conform exactly to the requirements of the purchase description, any deviation must be listed below.

If there are no deviations, the Bidder must indicate below by checking the box:

NO DEVIATIONS

Firm Name:

Address:

Bidder Representative:

Title:

Telephone Number:

Signature and Date:

**ANNEX F 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);
- Wire Transfer (International Only);

ANNEX G 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 employees (combined work force includes: permanent full-time, permanent part-time and temporary employees [temporary employees only includes those who have worked 12 weeks or more during a calendar year and who are not full-time students]).
- A5. The Bidder has a combined workforce in Canada of 100 or more employees; and
 - A5.1. The Bidder certifies already having a valid and current [Agreement to Implement Employment Equity](#) (AIEE) in place with ESDC-Labour.

OR

- A5.2. The Bidder certifies having submitted the [Agreement to Implement Employment Equity](#) (LAB1168) to ESDC-Labour. 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)