



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

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).

Comments - Commentaires

RETURN BIDS TO: RETOURNER LES SOUMISSIONS À :

[DLP53BidsReceiving.DAAT53Recepti
ondessoumissions@forces.gc.ca](mailto:DLP53BidsReceiving.DAAT53Recepti
ondessoumissions@forces.gc.ca)

Attention: - Attention : Antony Laakso

Title - Sujet 50 Ton Payload Low Bed Trailer System Système de remorque surbaissé - 50 tonnes de charge utile	
Solicitation No. N° de l'invitation W8476-216451/A	Date of Solicitation Date de l'invitation June 23, 2021 – le 23 juin 2021
Address enquiries to: - Adresser toute demande de renseignements à :	
E-Mail Address - Courriel antony.laakso@forces.gc.ca	
Destination See herein - Voir aux présentes	

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.

Delivery required Livraison exigée See herein - Voir aux présentes	Delivery offered Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Person authorized to sign on behalf of Vendor/Firm (type or print): La personne autorisée à signer au nom du fournisseur/de l'entrepreneur (taper ou écrire en caractères d'imprimerie) :	
Name - Nom	Title - Titre
Signature	Date

Solicitation Closes - L'invitation prend fin
At - à : 2:00 PM - 14:00
On - le : August 3, 2021 – 3 août 2021
Time Zone - Fuseau Horaire : Eastern Daylight Time (EDT) Heure avancée de l'Est (HAE)

TABLE OF CONTENTS

PART 1 - GENERAL INFORMATION	4
1.1 REQUIREMENT	4
1.2 SECURITY REQUIREMENTS	4
1.3 DEBRIEFINGS	4
PART 2 - BIDDER INSTRUCTIONS	5
2.1 STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS	5
2.2 SUBMISSION OF BIDS	5
2.3 ENQUIRIES - BID SOLICITATION	6
2.4 APPLICABLE LAWS	6
2.5 IMPROVEMENT OF REQUIREMENT DURING SOLICITATION PERIOD	6
PART 3 - BID PREPARATION INSTRUCTIONS	7
3.1 BID PREPARATION INSTRUCTIONS	7
3.2 SECTION I: TECHNICAL BID	7
3.3 SECTION II: FINANCIAL BID	8
3.4 SECTION III: CERTIFICATIONS	8
3.5 SECTION IV: ADDITIONAL INFORMATION	8
ATTACHMENT 1 TO PART 3 - ELECTRONIC PAYMENT INSTRUMENTS	10
PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION	11
4.1 EVALUATION PROCEDURES	11
ATTACHMENT 1 TO PART 4 - EVALUATION CRITERIA	12
ATTACHMENT 2 TO PART 4 - PRICING SCHEDULE	13
1. GENERAL	13
2. FIRM GOODS AND SERVICES	13
3. OPTIONAL GOODS AND SERVICES	13
4. PRICE OF THE BID	14
PART 5 - CERTIFICATIONS AND ADDITIONAL INFORMATION	15
5.1 GENERAL	15
5.2 CERTIFICATIONS REQUIRED WITH THE BID	15
5.3 CERTIFICATIONS PRECEDENT TO CONTRACT AWARD AND ADDITIONAL INFORMATION	15
PART 6 - RESULTING CONTRACT CLAUSES	17
6.1 SECURITY REQUIREMENTS	17
6.2 REQUIREMENT	17
6.3 STANDARD CLAUSES AND CONDITIONS	17
6.4 TERM OF CONTRACT	18
6.5 AUTHORITIES	19
6.6 PAYMENT	20
6.7 INVOICING	21
6.8 CERTIFICATIONS AND ADDITIONAL INFORMATION	21
6.9 APPLICABLE LAWS	22
6.10 PRIORITY OF DOCUMENTS	22
6.11 DEFENCE CONTRACT	22
6.12 INSURANCE - NO SPECIFIC REQUIREMENT	22
6.13 INSPECTION AND ACCEPTANCE	22
6.14 POST-CONTRACT AWARD MEETING	22
6.15 ISO 9001:2015 QUALITY MANAGEMENT SYSTEMS - REQUIREMENTS (QUALITY ASSURANCE CODE Q)	22
6.16 QUALITY ASSURANCE AUTHORITY (DEPARTMENT OF NATIONAL DEFENCE): CANADIAN-BASED CONTRACTOR	23

6.17	QUALITY ASSURANCE AUTHORITY (DEPARTMENT OF NATIONAL DEFENCE): FOREIGN-BASED AND UNITED STATES CONTRACTOR	24
6.18	QUALITY ASSURANCE DOCUMENT	24
6.19	RELEASE DOCUMENTS (DEPARTMENT OF NATIONAL DEFENCE): CANADIAN-BASED CONTRACTOR	25
6.20	RELEASE DOCUMENTS (DEPARTMENT OF NATIONAL DEFENCE): UNITED STATES-BASED CONTRACTOR	25
6.21	RELEASE DOCUMENTS (DEPARTMENT OF NATIONAL DEFENCE): FOREIGN-BASED CONTRACTOR	25
6.22	RELEASE DOCUMENTS - DISTRIBUTION	25
6.23	MATERIAL	26
6.24	INTERCHANGEABILITY	26
6.25	VEHICLE SAFETY	26
6.26	RECALL NOTICES	26
6.27	PACKAGING	26
6.28	WOOD PACKAGING MATERIALS	26
6.29	PREPARATION FOR DELIVERY	26
6.30	DELIVERY OF DANGEROUS GOODS/HAZARDOUS PRODUCTS	26
6.31	TOOLS AND LOOSE EQUIPMENT	27
6.32	DELIVERY AND UNLOADING	27
6.33	INCOMPLETE ASSEMBLIES	27
6.34	ASSEMBLY/PREPARATION AT DELIVERY	27
6.35	WORK SITE ACCESS	27
6.36	CANADIAN FORCES SITE REGULATIONS	28
6.37	MARKING	28
6.38	LABELLING	28
6.39	DISPUTE RESOLUTION SERVICES	28
	ANNEX A - REQUIREMENT	29
	ANNEX B - BASIS OF PAYMENT	30
1.	GENERAL	30
2.	FIRM GOODS AND/OR SERVICES	30
3.	OPTIONAL GOODS AND/OR SERVICES	30

PART 1 - GENERAL INFORMATION

1.1 Requirement

- A. The Department of National Defence (DND) has a requirement to procure quantity two (2) 50 TON PAYLOAD LOW BED TRAILER SYSTEM for delivery to Canadian Forces Base Edmonton. The requested delivery date **is within 120 days following contract award**. An option for quantity two (2) additional trailer systems of the same type is included for delivery within Canada.
- B. The requirement is detailed under the article entitled Requirement of the resulting contract clauses in Part 6.

1.2 Security Requirements

- A. There is no security requirement associated with this bid solicitation.

1.3 Debriefings

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

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

A. All instructions, clauses and conditions identified in this document and any of its attachments by number, date, and title are either:

- (i) Set out in the [Standard Acquisition Clauses and Conditions \(SACC\) 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; or
- (ii) Included as attachments.

These documents are incorporated by reference and they form part of this document as though they were expressly set out here in full.

B. 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.

C. The [2003](#) (2020-05-28), Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation, with the following modification(s):

- (i) Section 02, Procurement Business Number, is deleted in its entirety;
- (ii) Section 05, Submission of bids, subsection 2, paragraph d., is deleted in its entirety and replaced with the following:
 - d. send its bid only to the location specified on page 1 of the bid solicitation or to the address specified in the bid solicitation.
- (iii) Section 05, Submission of bids, subsection 4, is amended as follows:
 - Delete: 60 days
 - Insert: 120 days
- (iv) Section 06, Late bids, is deleted in its entirety;
- (v) Section 07, Delayed bids, is deleted in its entirety and replaced with the following:
 - 07 Delayed bids
 - 1. 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.
- (vi) Section 08, Transmission by facsimile or by epost Connect, is deleted in its entirety.
- (vii) Section 20, Further information, subsection 2, is deleted in its entirety.

2.2 Submission of Bids

A. Bids must be submitted only to the Department of National Defence (DND) by the date, time, and place indicated on page 1 of the bid solicitation.

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

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

2.2.1 Electronic Submissions

- A. Individual e-mails that may include certain scripts, formats, embedded macros and/or links, or those that exceed 5 megabytes may be rejected by Canada's 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. Canada will confirm receipt of documents. It is the Bidder's responsibility to ensure that their entire submission has been received. Bidders should not assume that all documents have been received unless Canada confirms receipt of each document. In order to minimize the potential for technical issues, bidders are requested to allow sufficient time before the closing date and time to confirm receipt. Bid documents submitted after the closing time and date will not be accepted.

2.3 Enquiries - Bid Solicitation

- A. All enquiries must be submitted in writing to the Contracting Authority no later than 10 calendar days before the bid closing date. Enquiries received after that time may not be answered.
- B. 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

- A. Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario OR **[insert the name of the province or territory]**.
- B. Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the Bidders.

2.5 Improvement of Requirement during Solicitation Period

- A. Should bidders consider that the specifications or Requirement contained in the bid solicitation could be improved technically or technologically, bidders are invited to make suggestions, in writing, to the Contracting Authority named in the bid solicitation. Bidders must clearly outline the suggested improvement as well as the reason for the suggestion. Suggestions that do not restrict the level of competition nor favour a particular bidder will be given consideration provided they are submitted to the Contracting Authority at least 10 days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

- A. Canada requests that Bidders provide their bid in separate sections as follows:
- Section I: Technical Bid: 1 soft copy in PDF format by e-mail;
- Section II: Financial Bid: 1 soft copy in PDF format by e-mail;
- Section III: Certifications: 1 soft copy in PDF format by e-mail; and
- Section IV: Additional Information: 1 soft copy in PDF format by e-mail.
- B. Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.
- C. Canada requests that Bidders follow the format instructions described below in the preparation of their bid:
- (i) Use 8.5 x 11 inch (216 mm x 279 mm) format; and
 - (ii) Use a numbering system that corresponds to the bid solicitation.

3.2 Section I: Technical Bid

- A. In their technical bid, Bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.
- B. Bidders must demonstrate their compliance with Attachment 1 to Part 4 entitled "TECHNICAL EVALUATION MATRIX 50T PAYLOAD LOW BED TRAILER SYSTEM dated 2021-06-14" of the bid solicitation by providing substantial information describing completely and in detail how the requirement is met or addressed. Bidders must provide with their technical bid, a document indicating clearly where the substantial information for each of the sections identified below can be found.

3.2.1 Substitutes and Alternatives

- A. Bidders may propose substitutes and alternatives where equivalent is indicated in the Annex entitled Requirement.
- B. Substitutes and alternatives that are equivalent in form, fit, function, quality and performance as detailed in the Annex entitled Requirement, will be considered for acceptance where the Bidder:
- (i) Clearly identifies a substitute and/or an alternative;
 - (ii) Designates the brand name, model and/or part number of the substitute and/or of the product, where applicable;
 - (iii) States that the substitute product is fully interchangeable with the item specified in the technical requirement description;
 - (iv) Provides complete specifications and brochures, where applicable;
 - (v) Provides compliance statements that include technical details showing the substitute and/or the alternative meet all technical requirements specified in the Annex entitled Requirement; and
 - (vi) Clearly identifies those areas in the technical requirement description and in the brochures that support the substitute and/or the alternative compliance with the technical requirements.

- C. Substitutes and alternatives offered as equivalent in form, fit, function quality and performance will not be considered for acceptance by the Technical Authority if:
- (i) The bid fails to provide all of the information requested to allow the Technical Authority to fully evaluate the equivalency; or
 - (ii) The substitute and/or the alternative fail to meet or fail to exceed the technical requirements specified in the technical requirement description.
- D. Bidders are encouraged to offer or suggest green products whenever possible.

3.3 Section II: Financial Bid

- A. Bidders must submit their financial bid in accordance with Attachment 2 to Part 4 entitled Pricing Schedule.

3.3.1 Electronic Payment of Invoices - Bid

- A. If you are willing to accept payment of invoices by Electronic Payment Instruments, complete Attachment 1 to Part 3 entitled Electronic Payment Instruments to identify which ones are accepted.
- B. If Attachment 1 to Part 3 entitled Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.
- C. Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

3.3.2 Exchange Rate Fluctuation Risk Mitigation

- A. The requirement does not offer exchange rate fluctuation risk mitigation. Requests for exchange rate fluctuation risk mitigation will not be considered. All bids including such provision will render the bid non-responsive

3.4 Section III: Certifications

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

3.5 Section IV: Additional Information

- A. In Section IV of their bid, bidders should provide:
- (i) A completed, signed, and dated Page 1 of this solicitation, or final amendment, as applicable;
 - (ii) The name of the person(s) and associated contact information (title, mailing address, phone number, and e-mail address) authorized by the Bidder to:
 - (a) Enter into communications with Canada with regards to their bid, and any contract that may result from their bid;
 - (b) Coordinate delivery and follow-up; and
 - (c) Provide after sales service, maintenance, warranty repairs, and a full range of repair parts for the vehicle/equipment offered.
 - (iii) Any other information submitted in the bid not already detailed.

3.5.1 Delivery Date(s)

- A. Any delivery date(s) offered will not be included in the evaluation.

3.5.1.1 Firm Goods and/or Services

- A. Delivery of the Firm Goods and/or Services is requested **within 120 days after contract award**. If a longer delivery period is required, the Bidder must submit the best delivery that could be offered, in the form of either a fixed date or a period of time from contract award. Failure to submit a date or time period will be taken as acceptance of delivery within the requested timeframe.

3.5.1.2 Optional Goods and/or Services

- A. Should an option be exercised for optional quantities, delivery of the Optional Goods and/or Services is requested by **within 120 days from amendment date**. If a longer delivery period is required, the Bidder must submit the best delivery that could be offered, in the form of a period of time from date of amendment. Failure to submit a time period will be taken as acceptance of delivery within the requested timeframe.

3.5.2 Warranty Period

3.5.2.1 Manufacturer's Standard Warranty Period

- A. 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 component/subassemblies will form part of the proposed contract.

3.5.2.2 Extended Warranty Period

- A. Canada requests that the Bidder indicate if an extended warranty period is being offered that exceeds the Manufacturer's Standard Warranty Period.
- B. 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.
- C. Any extended warranty period offered will not be included in the financial evaluation.

ATTACHMENT 1 TO PART 3 - ELECTRONIC PAYMENT INSTRUMENTS

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

- () Direct Deposit (Domestic and International);
- () Electronic Data Interchange (EDI); and
- () Wire Transfer (International Only).

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 and Valcom Consulting Group Inc. will evaluate the bids.

4.1.1 Technical Evaluation

- A. Mandatory technical evaluation criteria are included in Attachment 1 to Part 4 entitled "TECHNICAL EVALUATION MATRIX 50T PAYLOAD LOW BED TRAILER SYSTEM dated 2021-06-14".

4.1.2 Financial Evaluation

4.1.2.1 Firm Goods and/or Services

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

4.1.2.2 Optional Goods and/or Services

- A. The price of the bid will be evaluated in Canadian dollars, Delivered Duty Paid (DDP) destination (Shipping Costs and Operator Instruction and Training Costs excluded), Incoterms 2010, Canadian customs duties and excise taxes included, Applicable Taxes excluded.

4.2 Basis of Selection-Lowest Evaluated Price, Mandatory Technical Compliance

- A. 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 aggregate price will be recommended for award of a contract.

ATTACHMENT 1 TO PART 4 - EVALUATION CRITERIA

See attached document entitled:

“TECHNICAL EVALUATION MATRIX 50T PAYLOAD LOW BED TRAILER SYSTEM dated 2021-06-14”.

ATTACHMENT 2 TO PART 4 - PRICING SCHEDULE

1. General

- A. Bidders must submit a Firm Unit Price for each Item.
- B. Bidders are requested to complete the following Pricing Schedule and include it in the bid.
- C. All prices and costs must be submitted in Canadian Dollars, Canadian customs duties and excise taxes included, Applicable Taxes excluded.

2. Firm Goods and Services

2.1 50 TON PAYLOAD LOW BED TRAILER SYSTEM

- A. The Firm Unit Price(s) include(s) associated specifications, training and deliverables as per Annex A, Requirement, Delivered Duty Paid (DDP) specified Delivery Point, Incoterms 2010:

Item	Delivery Point	Quantity Required (A)	Firm Unit Price (B)	Total (C = A x B)
001	CFB ASU Sup Edmonton Major Equipment Section Replenishment Company (CMTT) 107 Street and 137 Avenue Bldg C8 Edmonton, AB T5J 4J5	2	\$	\$
Total (D = sum C)				\$

3. Optional Goods and Services

3.1 50 TON PAYLOAD LOW BED TRAILER SYSTEM

- A. The Firm Unit Price(s) include(s) associated specifications and deliverables as per Annex A, Requirement, Delivered Duty Paid (DDP) (Shipping Costs excluded in accordance with Annex B) specified Delivery Point, Incoterms 2010:

Item	Quantity of Optional Items (E)	Firm Unit Price (F)	Total (G = E x F)
002	2	\$	\$
Total (H = sum G)			\$

3.2 Operator Instruction and Training

A. The Firm Unit Price(s) include(s) associated services and deliverables as per Annex A, Requirement. Travel and living expenses excluded:

Item	Language	Quantity of Optional Items (I)	Firm Unit Price (J)	Sub-Total (K = I x J)
003	English	1	\$	\$

Total (L = sum K)	\$
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4. Price of the Bid

Grand Total (Q = D + H + L)	\$
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PART 5 - CERTIFICATIONS AND ADDITIONAL INFORMATION

5.1 General

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

5.2 Certifications Required with the Bid

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

5.2.1 Integrity Provisions - Declaration of Convicted Offences

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

5.3 Certifications Precedent to Contract Award and Additional Information

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

5.3.1 Integrity Provisions - Required Documentation

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

5.3.2 Federal Contractors Program for Employment Equity - Bid Certification

- A. By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "[FCP Limited Eligibility to Bid](#)" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#>).
- B. Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list at the time of contract award.

5.3.3 Product Conformance

- A. The Bidder certifies that all vehicles/equipment proposed conform, and will continue to conform throughout the duration of the contract, to all technical specifications of Annex A, Requirement. This certification does not relieve the bid from meeting all mandatory technical evaluation criteria detailed in Part 4.

Signature of Bidder's Authorized Representative

Date

5.3.4 ISO 9001:2015 Quality Management Systems (Quality Assurance Code Q)

- A. The Bidder certifies that it complies, and will continue to comply throughout the duration of the contract, with all of the requirements of the article in Part 6 entitled ISO 9001:2015 Quality Management Systems (Quality Assurance Code Q).

Signature of Bidder's Authorized Representative

Date

PART 6 - RESULTING CONTRACT CLAUSES

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

6.1 Security Requirements

- A. There is no security requirement applicable to the Contract.

6.2 Requirement

- A. The Contractor must provide the item(s) detailed under the Requirement at Annex A and the Basis of Payment at Annex B.

6.2.1 Technical Changes, Substitutes, and Alternatives

- A. Any technical changes, substitutes and alternatives proposed by the Contractor must be evaluated for acceptance by the Technical Authority. Any substitutes and alternatives must be equivalent in form, fit, function, quality and performance to what is being replaced and must be at no additional cost to Canada. Substitutes and alternatives that are offered as equivalent will only be acceptable once they are approved by the Technical Authority as an equivalent. A contract amendment will be issued.
- B. Should the Technical Authority not accept the substitute or the alternative and the Contractor is unable to meet the technical requirement, Canada may terminate the contract for default in accordance with the general conditions stated in the contract.

6.2.2 Optional Goods and/or Services

- A. The Contractor grants to Canada the irrevocable option to acquire the goods, services, or both described at Annex A, Requirement and Annex B, Basis of Payment, of the Contract under the same conditions and at the prices and/or rates 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.
- B. Upon request, the Contractor must submit a quote for the Shipping Costs of Optional Goods, in the quantity and to the destination(s) specified by the Contracting Authority. Canada reserves the right to negotiate this price.
- C. The Contracting Authority may exercise the option within 12 months after contract award by sending a written notice to the Contractor.
- D. The option may be exercised in whole or in part or in more than one occasion, up to the maximum quantity identified in Annex B, Basis of Payment.
- E. The Contractor must advise the Technical Authority and Contracting Authority of any design updates that could affect the procurement of additional vehicles/equipment.

6.3 Standard Clauses and Conditions

- A. All clauses and conditions identified in the Contract by number, date and title are set out in the *Standard Acquisition Clauses and Conditions (SACC) 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

A. **2010A** (2020-05-28), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract, with the following modification:

(i) Article 01, Interpretation, definition of "Canada", "Crown", "Her Majesty" or "the Government", is deleted in its entirety and replaced with the following:

"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.

(ii) Article 09, Warranty, subsections 1 is deleted in its entirety and replaced with the following:

1. Despite inspection and acceptance of the Work by or on behalf of Canada and without restricting any provisions of the Contract or any condition, warranty or provision imposed by law, the Contractor, if requested by Canada to do so, must replace, repair or correct, at its own option and expense any work that becomes defective or fails to conform to the requirements of the Contract, where applicable. The warranty period will be [time period to be detailed in the resulting contract], or [operation period to be detailed in the resulting contract] of usage, whichever comes first, after delivery and acceptance of the Work or the length of the Contractor's or manufacturer's standard warranty period, whichever is longer.
2. The Contractor must pay the transportation cost associated with returning the Work or any part of the Work to the Contractor's plant for replacement, repair or making good. The Contractor must also pay the transportation cost associated with forwarding the replacement or returning the Work or part of the Work when rectified to the delivery point specified in the Contract or to another location as directed by Canada. If, in the opinion of Canada, it is not expedient to remove the Work from its location, the Contractor must carry out any necessary repair or making good of the Work at that location. In such cases, the Contractor will be responsible for all Costs (including travel and living expenses) incurred in so doing, Canada will not reimburse these Costs.

All other provisions of the warranty section remain in effect.

6.4 Term of Contract

6.4.1 Delivery Dates

- A. The firm goods must be received on or before 120 days from date of Contract [or as specified by the bidder in its bid, if applicable].
- B. The optional goods must be received on or before 120 days [or as specified by the bidder in its bid, if applicable] from exercise of the option(s).

6.4.2 Delivery Points

- A. Delivery of the requirement must be made to delivery point(s) specified at Annex B of the Contract.
- B. The Contractor must deliver the goods by appointment only. The Contractor is responsible for contacting the Contracting Authority in advance of shipping to obtain the contact information for the delivery point(s). The Contractor or its carrier must arrange delivery appointments by contacting the delivery point(s). The consignee(s) may refuse shipments when prior arrangements have not been made. When the carrier is required to return due to its failure to make an appointment for delivery, Canada will not be liable to pay for additional costs.

6.5 Authorities

6.5.1 Contracting Authority

A. The Contracting Authority for the Contract is:

Name: Antony Laakso
Title: Procurement Officer
Position: DLP 5-3-4-4
Address: Department of National Defence Headquarters
101 Colonel By Drive
Ottawa, Ontario K1A 0K2
E-mail: antony.laakso@forces.gc.ca

B. 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

A. The Technical Authority for the Contract is:

[Contact information to be detailed in the resulting contract]

Name: _____
Title: _____
Position: _____
Address: Department of National Defence Headquarters
101 Colonel By Drive
Ottawa, Ontario K1A 0K2
Telephone: _____
E-mail: _____

B. 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 Quality Assurance Authority

A. The Quality Assurance Authority for the Contract is:

[Contact information to be detailed in the resulting contract]

Name: _____
Title: _____
Position: _____
Address: Department of National Defence Headquarters
101 Colonel By Drive
Ottawa, Ontario K1A 0K2
Telephone: _____
E-mail: _____

B. Director Quality Assurance (DQA) is the Quality Assurance Authority of the Department of National Defence. DQA is responsible to monitor the Contractor Quality Management System to provide assurance that the Contractor has the ability to fulfill the quality requirements in the Contract.

6.5.4 Contractor's Representative

[Contact information to be detailed in the resulting contract]

Name: _____
Title: _____
Address: _____
Telephone: _____
E-mail: _____

6.5.5 After Sales Service

- A. 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 in Edmonton, AB:

[Contact information to be detailed in the resulting contract]

Name: _____
Title: _____
Address: _____
Telephone: _____
E-mail: _____

6.6 Payment

6.6.1 Basis of Payment

6.6.1.1 Firm Unit Price(s)

- A. In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s), as specified in Annex B for a cost of \$ [amount to be detailed in the resulting contract]. Customs duties are included and Applicable Taxes are extra.

6.6.2 Limitation of Price

- A. 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.

6.6.3 Method of Payment

6.6.3.1 Multiple Payments

- A. Canada will pay the Contractor upon completion and delivery of units in accordance with the payment provisions of the Contract if:
- (i) an accurate and complete invoice and any other documents required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
 - (ii) all such documents have been verified by Canada; and
 - (iii) the Work delivered has been accepted by Canada.

6.6.4 Electronic Payment of Invoices

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

[List to be updated in the resulting contract]

- (i) Direct Deposit (Domestic and International);
- (ii) Electronic Data Interchange (EDI);
- (iii) Wire Transfer (International Only); and

6.7 Invoicing

6.7.1 Invoicing Instructions

- A. 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.
- B. Each invoice must contain or be supported by:
 - (i) The serial number(s);
 - (ii) A copy of proof(s) of training; and
 - (iii) A copy of the quarterly progress report.
- C. Invoices must be distributed as follows:
 - (i) For invoices not claiming any Travel and Living costs, the Contractor may provide, in lieu of a hard copy, a .pdf copy of the original invoice along with any required supporting documentation to the Contracting Authority at:
[Invoice e-mail destination address to be specified in the resulting contract]
 - (ii) By submitting a .pdf copy, the Contractor certifies that the .pdf copy of each invoice will be considered as the original invoice. In addition, the Contractor must indicate the contract number and name of the Contracting Authority in its covering e-mail.

6.7.2 Holdback

- A. A 10% holdback will apply on any due payment of the following:
 - (i) Items 001 and 002 as per Annex B.
- B. Applicable Taxes must be calculated on the total amount of the claim before the holdback is applied. At the time the holdback is claimed, there will be no Applicable Taxes payable as it was claimed and payable under the previous invoice.
- C. Release of the 10% holdback is conditional upon receipt and certified acceptance of all Work under this Contract.
- D. Invoicing instructions for the holdback are as detailed in the clause entitled "Invoicing Instructions".

6.8 Certifications and Additional Information

6.8.1 Compliance

- A. 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.

6.9 Applicable Laws

- A. The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario **or as specified by the bidder in its bid, if applicable**.

6.10 Priority of Documents

- A. (i) The Articles of Agreement;
- (ii) The General Conditions 2010A (2020-05-28), General Conditions - Goods (Medium Complexity);
- (iii) Annex A, Requirement;
- (iv) Annex B, Basis of Payment;
- (v) the Contractor's bid dated **[date to be specified in the resulting contract]**, as clarified on **[date to be specified in the resulting contract, if required]**, and as amended on **[date to be specified in the resulting contract, if required]**.

6.11 Defence Contract

- A. The Contract is a defence contract within the meaning of the Defence Production Act, R.S.C. 1985, c. D-1 (<http://laws-lois.justice.gc.ca/eng/acts/d-1/>), and must be governed accordingly.
- B. Title to the Work or to any materials, parts, work-in-process or finished work must belong to Canada free and clear of all claims, liens, attachments, charges or encumbrances. Canada is entitled, at any time, to remove, sell or dispose of the Work or any part of the Work in accordance with section 20 of the Defence Production Act.

6.12 Insurance - No Specific Requirement

- A. The Contractor is responsible for deciding if insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any insurance acquired or maintained by the Contractor is at its own expense and for its own benefit and protection. It does not release the Contractor from or reduce its liability under the Contract.

6.13 Inspection and Acceptance

- A. 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 Requirement and to the satisfaction of the Inspection Authority, as submitted, the Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

6.14 Post-Contract Award Meeting

- A. Within 10 days of the date of 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 Contracting Authority to review technical and contractual requirements. The Contractor must prepare and distribute the minutes of the meeting within 5 calendar days after the completion of the meeting. The meeting will be held at the Contractor's facility or via teleconference at Canada's discretion at no additional cost to Canada, with representatives of the Contractor and the Department of National Defence.

6.15 ISO 9001:2015 Quality Management Systems - Requirements (Quality Assurance Code Q)

- A. In the performance of the Work described in the Contract, the Contractor must comply with the requirements of *ISO 9001:2015 - Quality management systems - Requirements*, published by the

International Organization for Standardization (ISO), current edition at date of submission of Contractor's bid.

- B. It is not intended that the Contractor be registered to ISO 9001; however, the Contractor's quality management system must address all requirements appropriate to the scope of the Work. Only exclusions in accordance with clause 1.2 of ISO 9001 are acceptable.

6.15.1 Assistance for Government Quality Assurance (GQA)

- A. The Contractor must provide the Quality Assurance Representative (QAR) with the accommodation and facilities required for the proper accomplishment of GQA and must provide any assistance required by the QAR for evaluation, verification, validation, documentation or release of product.
- B. The QAR must have the right of access to any area of the Contractor's or subcontractor's facilities where any part of the Work is being performed. The QAR must be afforded unrestricted opportunity to evaluate and verify Contractor conformity with quality system procedures and to validate product conformity with the requirements of the Contract. The Contractor must make available for reasonable use by the QAR the equipment necessary for all validation purposes. Contractor personnel must be made available for operation of such equipment as required.
- C. When the QAR determines that GQA is required at a subcontractor's facilities, the Contractor must provide for this in the purchasing document and forward copies to the QAR, together with relevant technical data as the QAR may request.
- D. The Contractor must notify the QAR of non-conforming product received from a subcontractor when the product has been subject to GQA.

One of the following options will be inserted in the resulting contract, as applicable:

Option 1: When the contract is to be with a Canadian-based supplier, or

6.16 Quality assurance authority (Department of National Defence): Canadian-based contractor

- A. All work is subject to Government Quality Assurance performed at the Contractor's or subcontractor's facility, and at the installation site, by the Director of Quality Assurance, or it's designated Quality Assurance Representative (QAR):

Director of Quality Assurance (DQA)
National Defence Headquarters
MGen George R. Pearkes Building
101 Colonel By Drive
Ottawa, Ontario K1A 0K2
E-mail: ContractAdmin.DQA@forces.gc.ca

- B. Within 48 hours of contract award, the Contractor must contact the QAR. The name, location and phone number of the QAR can be obtained from the nearest National Defence Quality Assurance Region (NDQAR) listed below:

Atlantic - Halifax: 902-427-7224 or 902-427-7150
Quebec - Montreal: 514-732-4401 or 514-732-4477
Quebec - Quebec City: 418-694-5996
National Capital Region - Ottawa: 819-939-8605 or 819-939-8608
Ontario - Toronto: 416-635-4404, ext. 6081 or 2754
Ontario - London: 519-964-5757
Manitoba/Saskatchewan - Winnipeg: 204-833-2500, ext. 6574
Alberta - Calgary: 403-410-2320, ext. 3830
Alberta - Edmonton: 780-973-4011, ext. 2276
British Columbia - Vancouver: 604-225-2520, ext. 2460
British Columbia - Victoria: 250-363-5662

- C. The Contractor is responsible for performing, or having performed, all inspections and tests necessary to substantiate that the material or services provided conform to the requirements of the Contract.
- D. The Contractor must provide, at no additional cost, all applicable test data, all technical data, test pieces and samples as may reasonably be required by the QAR to verify conformity to the requirements of the Contract. The Contractor must forward at its expense such technical data, test data, test pieces and samples to such location as the QAR may direct.
- E. Quality control, inspection and test records that substantiate conformity to the specified requirements, including records of corrective actions, must be retained by the Contractor for three years from the date of completion or termination of the Contract and must be made available to the QAR upon request.

Option 2: When the contract is to be with a foreign-based supplier.

6.17 Quality Assurance Authority (Department of National Defence): Foreign-based and United States Contractor

- A. All work is subject to Government Quality Assurance performed at the Contractor's or subcontractor's facility, and at the installation site, by the Director of Quality Assurance, or it's designated Quality Assurance Representative (QAR).

Director of Quality Assurance
National Defence Headquarters
Major-General George R. Pearkes Building
101 Colonel By Drive
Ottawa, Ontario K1A 0K2
E-mail: ContractAdmin.DQA@forces.gc.ca
- B. If the Contractor has not been contacted by the QAR performing GQA in the Contractor's facility or area within 45 working days of award of the Contract, the Contractor must notify the Contracting Authority.
- C. Where no official arrangements for mutual GQA have been concluded, the Department of National Defence will arrange for the GQA services to be conducted by a National Quality Assurance Authority acceptable to the Director of Quality Assurance. If the GQA services must be provided on a cost-recovery basis, the costs for the services must be accrued against the Contract and be discharged through separate invoicing.
- D. The Contractor is responsible for performing, or having performed, all inspections and tests necessary to substantiate that the materiel or services provided conform to the requirements of the Contract.
- E. The Contractor must provide, at no additional cost, all applicable test data, all technical data, test pieces and samples as may reasonably be required by the QAR to verify conformity to the requirements of the Contract. The Contractor must forward at its expense such technical data, test data, test pieces and samples to such location as the QAR may direct.
- F. Quality control, inspection and test records that substantiate conformity to the specified requirements, including records of corrective actions, must be retained by the Contractor for 3 years from the date of completion or termination of the Contract and must be made available to the QAR upon request.

6.18 Quality Assurance Document

- A. The Contractor must ensure that a packing note and copies of the quality assurance document accompany each shipment. They must be enclosed in a waterproof envelope fastened to the last package of the shipment or inside the last package, which is to be marked to indicate the enclosures. In the case of a carload shipment, they must be fastened to the inside door frame of the railway car.

One of the following options will be inserted in the resulting contract, as applicable:

Option 1: When the contract is to be with a Canadian-based supplier; or

6.19 Release documents (Department of National Defence): Canadian-based contractor

- A. Unless otherwise directed by the Department of National Defence (DND) Quality Assurance Authority, the signature of the DND Quality Assurance Representative on the release document is not required.
- B. Material must be released for shipment using either DND form CF 1280, Certificate of Release, Inspection and Acceptance, or a release document containing the same information. The Contractor must prepare the release document(s).
- C. For return of repair and overhaul material to the Defence Supply Chain, use forms DND 2227/DND 2228 in lieu of DND form CF 1280.

Option 2: When the contract is to be with a United States-based supplier; or

6.20 Release Documents (Department of National Defence): United States-based Contractor

- A. Material must be released for shipment using a DD Form 250, Material Inspection and Receiving Report, or a release document containing the same information and acceptable to the Quality Assurance Representative. The Contractor must prepare the release document(s).

Option 3: When the contract is to be with a foreign-based supplier.

6.21 Release Documents (Department of National Defence): Foreign-based Contractor

- A. Material must be released for shipment using a Certificate of Conformity in accordance with NATO STANAG 4107 which must be prepared by the Contractor.

6.22 Release Documents - Distribution

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

- (i) 1 copy mailed to consignee marked: "Attention: Receipts Officer";
- (ii) 2 copies with shipment (in a waterproof envelope) to the consignee;
- (iii) 1 copy to the Contracting Authority;
- (iv) 1 copy to:

National Defence Headquarters
Mgen George R. Pearkes Building
101 Colonel By Drive
Ottawa, Ontario K1A OK2

Attention: **Contact information to be detailed in the resulting contract**

- (v) 1 copy to the Quality Assurance Representative;
- (vi) 1 copy to the Contractor; and
- (vii) For all non-Canadian contractors, 1 copy to:

DQA/Contract Administration
National Defence Headquarters
Mgen George R. Pearkes Building
101 Colonel By Drive
Ottawa, Ontario K1A OK2

E-mail: ContractAdmin.DQA@forces.gc.ca

6.23 Material

- A. Material supplied must be new unused and of current production by manufacturer.

6.24 Interchangeability

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

6.25 Vehicle Safety

- A. Each vehicle supplied pursuant to the Contract must meet the applicable provisions of the [Motor Vehicle Safety Act](#), S.C. 1993, c. 16 (<http://laws-lois.justice.gc.ca/eng/acts/M-10.01/page-1.html>), and the applicable regulations that are in force on the date of its manufacture.

6.26 Recall Notices

- A. All recall notices must be forwarded to the Technical Authority identified in this Contract.

6.27 Packaging

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

6.28 Wood packaging materials

- A. All wood packaging materials used in shipping must conform to the [International Standards for Phytosanitary Measures No. 15: Regulation of Wood Packaging Material in International Trade \(ISPM 15\)](#) (<https://www.ippc.int/en/core-activities/standards-setting/ispms/>).
- B. Pertinent additional information on Canada's import and export programs is provided in the following Canadian Food Inspection Agency policy directives:
- (i) D-98-08 - [Entry Requirements for Wood Packaging Materials Produced in All Areas Other Than the Continental United States](#) (<http://www.inspection.gc.ca/plants/plant-protection/directives/forestry/d-98-08/eng/1323963831423/1323964135993>); and
 - (ii) D-13-01 - [Canadian Heat Treated Wood Products Certification Program \(HT Program\)](#) (<http://www.inspection.gc.ca/plants/forestry/exports/ht-program/eng/1319462565070/1319462677967>).

6.29 Preparation for Delivery

- A. The equipment must be serviced, adjusted and delivered in condition for immediate use. The equipment must be cleaned before leaving the factory and being released to Inspection Authority or consignee personnel at the final delivery point.

6.30 Delivery of Dangerous Goods/Hazardous Products

- A. The Contractor must mark dangerous goods/hazardous products which are classed as dangerous/hazardous as follows:
- (i) shipping container - in accordance with the [Transportation of Dangerous Goods Act](#), 1992, c. 34 (<http://laws-lois.justice.gc.ca/eng/acts/T-19.01/>); and

- (ii) immediate product container - in accordance with the *Hazardous Products Act*, R.S., 1985, c. H-3 (<http://laws-lois.justice.gc.ca/eng/acts/H-3/>).

B. The Contractor must provide bilingual Safety Data Sheets, indicating the NATO Stock Number as follows:

- (i) 2 hard copies:
 - (a) 1 copy to be enclosed with the shipment, and
 - (b) 1 copy to be mailed to:

National Defence Headquarters
MGen George R. Pearkes Building
101 Colonel By Drive
Ottawa, Ontario K1A 0K2
Attention: DSCO 5-4-2

- (ii) 1 copy sent in any electronic format to the following address: MSDS-FS@FORCES.GC.CA.

- C. The Contractor will be responsible for any damages caused by improper packaging, labelling or carriage of dangerous goods/hazardous products.
- D. The Contractor must ensure they adhere to all levels of regulations regarding dangerous goods/hazardous products as set forth by federal, provincial, and municipal laws and by-laws.
- E. The Contractor must contact the consignee (i.e. Supply Depot Traffic Section) at least 48 hours before shipping dangerous goods/hazardous products in order to schedule a receiving time.

6.31 Tools and Loose Equipment

- A. For shipment verification, all items and tools, which are shipped loose with the vehicle/equipment must be listed on the Inspection Certificate (CF1280) or on an attached packing note.

6.32 Delivery and Unloading

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

6.33 Incomplete Assemblies

- A. The Contractor must not ship incomplete assemblies unless the authorization for such shipment has been obtained from the Contracting Authority.

6.34 Assembly/Preparation at Delivery

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

6.35 Work Site Access

- A. Authorized representatives of Canada must have access to any site where any part of the Work is being carried out at any time during working hours to make examinations and such tests of the Work as they may think fit.

6.36 Canadian Forces Site Regulations

- A. The Contractor must comply with all standing orders or other regulations, instructions, and directives in force on the site where the Work is performed.

6.37 Marking

- A. The Contractor must ensure that the manufacturer's name and part number are clearly stamped or etched on each item for positive identification purposes.

6.38 Labelling

- A. The Contractor must ensure that the manufacturer's and specification numbers appear on each item, either printed on the container or on an adhesive label of highest commercial standard affixed to the container.

6.39 Dispute Resolution Services

- A. The parties understand that the Procurement Ombudsman appointed pursuant to subsection 22.1 (1) of the Department of Public Works and Government Services Act will, on request of a party, provide a proposal for an alternative dispute resolution process to resolve any dispute arising between the parties respecting the interpretation or application of a term or condition of this contract. The parties may consent to participate in the proposed alternative dispute resolution process and to bear the cost of such process. The Office of the Procurement Ombudsman may be contacted by telephone at 1-866-734-5169 or by e-mail at boa.opo@boa.opo.gc.ca.

ANNEX A - REQUIREMENT

See attached document(s) entitled:

“Annex A Purchase Description for 50T PAYLOAD LOW BED TRAILER SYSTEM dated 2021-06-14”.

ANNEX B - BASIS OF PAYMENT

1. General

A. All prices and costs are in Canadian Dollars, Canadian customs duties and excise taxes included, Applicable Taxes excluded.

2. Firm Goods and/or Services

2.1 50 TON PAYLOAD LOW BED TRAILER SYSTEM

A. The Firm Unit Price(s) include(s) associated specification, training and deliverables as per Annex A, Requirement, Delivered Duty Paid (DDP) specified Delivery Point, Incoterms 2010:

Item	Delivery Point	Delivery Date	Quantity Required	Firm Unit Price	Make and model
001	CFB ASU Sup Edmonton Major Equipment Section Replenishment Company (CMTT) 107 Street and 137 Avenue Bldg C8 Edmonton, AB T5J 4J5	[Date to be detailed in the resulting contract]	2	[\$Cost to be detailed in the resulting contract]	

3. Optional Goods and/or Services

3.1 50 TON PAYLOAD LOW BED TRAILER SYSTEM

A. The Firm Unit Price(s) include(s) associated specifications and deliverables as per Annex A, Requirement, Delivered Duty Paid (DDP) specified Delivery Point (Shipping Costs excluded), Incoterms 2010:

Item	Delivery Point	Delivery Date	Quantity of Optional Items	Firm Unit Price	Make and model
002	[Delivery points to be detailed in the resulting contract]	[Date to be detailed in the resulting contract]	2	[\$Cost to be detailed in the resulting contract]	

3.2 Operator Instruction and Training

A. The Firm Unit Price(s) include(s) associated services, deliverables, and travel and living expenses as per Annex A, Requirement:

Item	Delivery Point	Language	Delivery Date	Quantity of Optional Items	Firm Unit Price
003	[Delivery points to be detailed in the resulting contract amendment]	English	[Date to be detailed in the resulting contract amendment]	1	[\$Cost to be detailed in the resulting contract amendment]

3.3 Shipping Costs for optional goods

A. The Contractor will be reimbursed for the actual shipping costs of the following Item(s) from the Contractor's Canadian facility or Contractor's Canadian distribution point to the specified Delivery Point(s) without any allowance for profit and/or administrative overhead:

Item	Delivery Point	Quantity and Type of Optional Items	Firm Unit Price
004	[Canadian location to be specified at the time of amendment]	2 [number of items to be inserted at the time of amendment] of Item(s) [reference number(s) to be inserted at the time of amendment]	[\$Cost to be detailed at the time of amendment]

3.4 Travel and Living Expenses - National Joint Council Travel Directive - Instructions and Training

- A. The Contractor will be reimbursed its authorized travel and living expenses reasonably and properly incurred in the performance of the Work, at cost, without any allowance for profit and/or administrative overhead, in accordance with the meal, and private vehicle allowances specified in Appendices B, C and D of the National Joint Council Travel Directive (<http://www.njc-cnm.gc.ca/directive/d10/en>), and with the other provisions of the directive referring to "travellers", rather than those referring to "employees". Canada will not pay the Contractor any incidental expense allowance for authorized travel.
- B. All travel must have the prior authorization of the Contracting Authority.
- C. All payments are subject to government audit.
- D. Estimated Cost: **[\$cost to be detailed at the time of amendment]**



NOTICE

This documentation has been reviewed by the Technical Authority and does not contain controlled goods.

AVIS

Cette documentation a été révisée par l'Autorité technique et ne contient pas de marchandises contrôlées.

ANNEX A
PURCHASE DESCRIPTION
50T PAYLOAD LOW BED TRAILER SYSTEM

1. SCOPE

1.1 Scope

This Purchase Description defines the requirements for a double drop, low bed, trailer system with a jeep, a booster and accessories. The trailer system will be used to transport heavy equipment, vehicles and ISO containers. The system may be used in three different configurations: semi-trailer only; semi-trailer with jeep; semi-trailer with jeep and booster.

1.2 Instructions

- (a) Requirements that are identified by the word “**must**”, **must** be treated as 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) Where a standard is specified and the Contractor has offered an **Equivalent**, that **Equivalent** standard **must** be supplied by the Contractor.
- (e) Where a technical certification is referred to in this Purchase Description, a copy of the certification or **Equivalent must** be supplied, when requested by the **Technical Authority**.
- (f) While the International System of Units (SI) **must** be used as the primary system of measurement to define requirements of this Purchase Description, both the SI system and the standard system for this product may be indicated. Conversion from one system of measurement to the other may not be exact.
- (g) Dimensions stated as nominal **must** be treated as approximate dimensions. Nominal dimensions reflect a method by which materials or products are generally identified for sale commercially, but that differ from the actual dimensions.

1.3 Definitions

- (a) “**Provided**” means “provided and installed”.
- (b) “**Equivalent**” means a standard, means, or component type that the **Technical Authority** has approved for this requirement as meeting the specified requirements for fit, form, function and performance.
- (c) “**Bilingual**” means both official languages; English and French.

OPI: DSVPM 4 – BPR: DAPVS 4

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

- (d) **“Road Legal”** means the semi-trailer can be legally operated on all Canadian highways and secondary roads, without restrictions or special permits.
- (e) **“Curb Weight”** (CW) means the weight of the fully equipped semi-trailer. The curb weight includes all attached accessories and equipment. The Curb Weight does not include the Payload.
- (f) **“Payload”** means the maximum cargo load carrying capacity of the semi-trailer. The payload is the calculated difference between the Gross Vehicle Weight Rating and the Curb Weight.
- (g) **“Gross Axle Weight Rating”** (GAWR) means the gross axle weight rating, which is the maximum axle load allowed by the manufacturer for this application.
- (h) **“Gross Vehicle Weight Rating”** (GVWR) means the maximum operating weight of the semi-trailer as stated by manufacturer.
- (i) **“Trailer System”** - The semi-trailer coupled to the jeep and booster is referred to as the “trailer system” in this purchase description.
- (j) **“5th percentile adult female”** - as defined in the Motor Vehicle Safety Regulations (C.R.C., c. 1038).
- (k) **“95th percentile adult male”** - as defined in the Motor Vehicle Safety Regulations (C.R.C., c. 1038).

2. APPLICABLE DOCUMENTS

2.1 Government Furnished Documents NOT APPLICABLE

2.2 Other Publications

Canada will not supply reference documents. Effective documents are those in effect on the date of the manufacture of trailer. Information on the organization is supplied below.

- (a) Hazardous Products Act
Government of Canada / Department of Justice
<http://laws-lois.justice.gc.ca/eng/acts/H-3/>
- (b) SAE Standards
SAE World Headquarters
400 Commonwealth Dr.,
Warrendale, PA, 15096-0001
<http://www.sae.org>
- (c) Canada Motor Vehicle Safety Act (CMVSA)
Government of Canada / Transport Canada
<http://www.tc.gc.ca/eng/acts-regulations/acts-1993c16.htm>

3. REQUIREMENTS

3.1 Contractor certification

- (a) The contractor **must** be the trailer system OEM or an OEM officially recognized distributor/re-seller for the trailer system.

3.2 Standard Design

- (a) The trailer system **must** be the latest model from a manufacturer who has demonstrated acceptability by selling, in North America, this type and size class of equipment for at least three (3) years.

- (b) The trailer system **must** include all components, equipment and accessories normally supplied for this application, although they may not be specifically described in this Purchase Description.
- (c) The trailer system **must** have engineering certification available, upon request, for this application, from the original manufacturers of the major equipment, systems and assemblies.
- (d) The trailer system **must** 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 welding, manufacturing, health and safety, noise levels, environment and emissions.
- (e) The trailer system and accessories **must** operate in accordance with all original equipment manufacturers' (OEM) rated capacities and performance specifications.

3.3 **Operating Conditions**

3.3.1 **Weather.** The trailer system **must** operate under the extremes of weather conditions found in Canada in temperatures ranging from -35° to 37°C.

3.3.2 **Terrain.** The trailer system **must** operate on paved roads, gravel roads and dirt roads with severe washboard and pot holes, in all-weather conditions and with the stated payload, without degradation in performance, reliability and maintainability.

3.4 **Safety Standards**

3.4.1 **Vehicle Safety Regulations.** The trailer system **must** meet the provisions of the Canada Motor Vehicle Safety Act (CMVSA).

3.4.2 **Safety Features.** The trailer system **must** be provided with the safety features such as warning and instruction plates, non-slip walking surfaces and heat shields where required for operator safety.

3.4.3 **Hazardous Materials.** The contractor **must** comply with the Hazardous Products Act of Canada with regards to the use of hazardous materials, ozone depleting substances, polychlorinated biphenyls, asbestos and heavy metals used in the manufacture and assembly of the product supplied.

3.5 **Performance**

3.5.1 **General.** The trailer system **must** consist of a double drop low bed semi-trailer with detachable goose neck, with a jeep, a booster and accessories.

3.5.2 **Payload.** The trailer system **must** carry a uniformly distributed load of at least 50,000 kg.

3.5.3 **Towing Speed.** The trailer system **must** be towed safely at a continuous speed of at least 105 km/h with the stated payload.

3.5.4 **Operating Modes**

- (a) The semi-trailer **must** operate as part of a complete trailer system with the jeep and the booster and carry the stated payload.
- (b) The semi-trailer **must** operate independently (without the jeep and booster) when required.
- (c) The semi-trailer and the jeep **must** operate as a system (without the booster) when required.

3.6 **Trailer System Construction**

3.6.1 **Dimensions**

- (a) The trailer system **must** have a nominal overall width of 2,590 mm

- (b) The semi-trailer **must** have a nominal overall length of 16,150 mm.
 - (c) The semi-trailer **must** have swing clearances suitable for the jeep and dual-axle tractors.
 - (d) The semi-trailer **must** operate with the kingpin at a standard commercial nominal height of 1,270 mm, measured from the ground to the kingpin upper plate.
 - (e) The jeep **must** have swing clearance suitable for dual-axle tractors.
 - (f) The main deck **must** have a minimum length of 7,315 mm.
 - (g) The main deck, when laden, **must** have a maximum deck height of 660 mm.
 - (h) The main deck, when laden, **must** have a minimum deck ground clearance of 254 mm.
- 3.6.2 **Kingpin.** The trailer system **must** be provided with 51 mm (2 in) kingpins.
- 3.6.3 **Frame.** The trailer system **must** be provided with a frame that is reinforced for towing points
- 3.6.4 **Towing Points.** The semi-trailer and the booster **must** be provided with two (2) rear-mounted towing points each, positioned and of sufficient strength to permit recovery of the loaded trailer system.
- 3.6.5 **Decking Floor**
- (a) The semi-trailer **must** be provided with a full and continuous main deck, with no openings; frame flanges are permitted to be part of the deck surface. It is acceptable for the central longitudinal portion of the deck to be opened, when the side extensions are used, if the wood planks for the side extensions are stored in the center of the deck in normal configuration.
 - (b) The main deck floor **must** consist of replaceable dimensionally stable wood planks of sufficient thickness to accommodate the load.
 - (c) The wood planks **must** be treated with Linseed oil or **Equivalent** weather proofing treatment.
 - (d) The rear deck area **must** be steel checker plate.
- 3.6.6 **Deck-mounted D-Rings**
- (a) The semi-trailer **must** be provided with deck-mounted D-rings mounted on top of the main deck, with a minimum rated capacity of 8,700 kg each.
 - (b) The D-rings **must** be evenly spaced, with nine (9) D-rings located on each side of the main deck.
 - (c) The deck-mounted D-ring points **must** be recessed and flush-mounted to the deck, with drain holes.
 - (d) The deck-mounted tie-down points **must** be as close as possible to the edge, with a maximum of 203 mm from the side of the semi-trailer.
- 3.6.7 **Side-mounted tie-down points**
- (a) The semi-trailer **must** be provided with tie-down points mounted to the side of the decks, with a minimum rated capacity of 8,700 kg each.
 - (b) The tie-down points **must** be evenly spaced, with ten (10) tie-down points located on each side of the main deck, and two (2) tie-down points located on each side of the rear deck.
 - (c) The semi-trailer **must** be provided with two (2) tie-down points on the exterior rear frame, with one (1) tie-down point located near each corner, with a rating of at least 8,700 kg each.
- 3.6.8 **Gooseneck w/Jeep Adaptor**

- (a) The semi-trailer **must** be provided with a hydraulically operated, removable gooseneck.
- (b) The gooseneck **must** be provided with a cam and lever locking mechanism to lock the gooseneck at various heights, without pins.
- (c) The gooseneck main vertical locking pin and pin lock **must** be air operated, with the controls on the exterior left side of the gooseneck.
- (d) The gooseneck kingpin plate **must** have full surface contact on the towing tractor/jeep kingpin plate in all loading conditions.
- (e) The gooseneck **must** be provided with a hydraulic jeep adaptor.
- (f) **Support Arm (Stinger)**
 - i The gooseneck **must** be provided with a hydraulic support arm to support the gooseneck during loading/unloading procedures.
 - ii The hydraulic support arm **must** eliminate gooseneck movement while the gooseneck is attached to the towing tractor only, and the tractor is in motion.

3.6.9 **Gooseneck-Mounted Tie-down points.** The semi-trailer **must** be provided with four (4) gooseneck-mounted tie-down points, two (2) on each side, with a minimum rated capacity of 8,700 kg each.

3.6.10 **Front Loading Ramps**

- (a) The semi-trailer **must** be provided with two (2) tapered front loading ramps, one (1) on each side of the front end of the main deck, to facilitate the loading/unloading of heavy equipment.
- (b) The front loading ramps **must** be as wide as physically permissible.
- (c) The front loading ramps angle to the ground **must** be less than or equal to 30 degrees.
- (d) The front loading ramps **must** be the flip-down type or **Equivalent**.
- (e) If the front loading ramp are the flip down type, they **must** be hinged to the main deck and be securely stowed when not in use.

3.6.11 **Side Extensions**

- (a) The semi-trailer **must** be provided with side extensions on both sides of the main deck.
- (b) The side extensions **must** cover the whole length of the main deck.
- (c) The side extensions **must** add a minimum width of 254 mm to each side of the main deck.
- (d) The side extensions **must** be covered with removable wood planks that are similar to the main deck.
- (e) The wood planking **must** be equal in length to the main deck.
- (f) The side extensions **must** have a total load capacity equivalent to the main deck area.
- (g) The side extensions **must** be provided with a device to secure them in place while being used.
- (h) The side extension **must** be stowed away to a secured position and be flush or below the top surface of the main deck when not in use.

3.6.12 **Bushings/Pins**

- (a) The trailer system **must** be provided with replaceable and grease-able bushings at all pin and pivot holes.

- (b) All pins **must** have grooved/spiraled surfaces to allow grease to encircle the pin and reach the end plate.

3.7 **Chassis and Auxiliary Systems**

3.7.1 **Axles**

- (a) The semi-trailer **must** be provided with a tri-axle configuration.
- (b) The jeep **must** be provided with a dual-axle configuration.
- (c) The booster **must** be provided with a dual-axle configuration.
- (d) The axles **must** be of appropriate capacity to carry the maximum payload specified in this document.

3.7.2 **Suspension**

- (a) The trailer system **must** be provided with air bag suspension systems.
- (b) Each suspension system **must** include an automatic height control valve.
- (c) Each suspension system **must** include a manual suspension air dump valve.
- (d) The suspension systems **must** include shock absorbers acting on all wheel stations.
- (e) Each suspension system **must** include an air gauge to assist the operator in determining system pressure.
- (f) Each suspension system **must** have suspension travel limiters, such as cables or chains fastened to the suspension beam or axle and the under frame, at a length equal to or less than the shock absorber extended stroke; the use of the shock absorbers as travel limiters is not acceptable.

3.7.3 **Wheels and Tires**

- (a) The trailer system **must** be provided with dual wheels and tires certified by the manufacturer to be suitably sized and rated for the application and load.
- (b) The dual-wheel assemblies **must** be identical across the trailer system.
- (c) The trailer system **must** be provided with written indications of the operating tire pressure at each wheel station.
- (d) The wheels **must** be provided with loose wheel nut indicators at each wheel station.
- (e) The semi-trailer, the jeep and the booster **must** each be provided with an independent hub-odometer reading in kilometers.
- (f) The tires installed at delivery **must** not be older than 24 months.

3.7.4 **Brake System**

- (a) The trailer system **must** be provided with an anti-lock, air disc brake system.
- (b) The brake system **must** be provided with remote, cable operated drain valves on the air reservoirs, with heated moisture expelling valve(s).
- (c) The trailer system **must** be provided with colour coded glad hand couplers and hoses for interconnection between the booster, the semi-trailer, the jeep and the tractor.
- (d) The trailer system **must** be provided with dummy glad hand coupler covers, including a safety chain/cable for each glad hand, to block and protect the air-lines when they are not in use.

3.7.5 **Landing Gear**

- (a) The jeep **must** be provided with a landing gear system.

- (b) The landing gear system **must** withstand the weight of the fully loaded trailer system when not connected to the tractor.

3.7.6 **Booster air bag shim system**

- (a) The booster **must** be equipped with a mechanical and air bag shim system that works together to achieve the appropriate pre-load conditions in the rear of the trailer system.
- (b) The gauges and controls for the air bag shim system **must** be located in an illuminated weatherproof compartment on the road side of the booster.
- (c) The light of the weatherproof compartment **must** shut off automatically when the compartment door is closed.
- (d) The compartment **must** be made of durable corrosion resistant material such as aluminum checkered plate or equivalent.

3.8 **Hydraulic System**

- (a) The trailer system **must** be provided with a hydraulic system that supplies hydraulic power for all the hydraulic functions on the trailer system.
- (b) The hydraulic lines **must** be protected by design to prevent damage due to harsh environment and vibration, especially when passing through metal.
- (c) The hydraulic system controls **must** be located in an illuminated weatherproof compartment on the roadside of the gooseneck.
- (d) The light of the weatherproof compartment **must** shut off automatically when the compartment door is closed.
- (e) The compartment **must** be made of durable corrosion resistant material such as aluminum checkered plate or equivalent.
- (f) The hydraulic system reservoir tank **must** be provided with an intake filter screen, an external fluid level indicator, and an inspection plate located on top of the tank.
- (g) The hydraulic system **must** be provided with two hydraulic filters, one for the pressure line and the other for the return line.
- (h) The hydraulic system **must** be provided with wet kit connectors (supply and return lines) located at the front of the gooseneck to operate all hydraulic components of the semi-trailer.
- (i) All hydraulic connectors **must** be provided with a protective cap to protect from dirt and dust when the connector is not in use.
- (j) The protective caps **must** be provided with an attachment system such as a chain, or equivalent to remain captive from the hydraulic connector when not in use.

3.9 **Auxiliary Engine System**

- (a) The semi-trailer **must** be provided with one (1) auxiliary engine system to power the hydraulic system.
- (b) The engine **must** operate on gasoline fuel and equipped with a keyless electrical starter and a rope starter.
- (c) The engine **must** be mounted on appropriate mounts to reduce vibration.
- (d) The engine **must** be enclosed in a compartment.
- (e) Engine controls and instrument gauges **must** be enclosed in an illuminated weatherproof compartment on the roadside of the gooseneck.
- (f) The engine oil pan **must** be provided with a magnetic drain plug and fitted with tubing to allow oil drain as required.

- (g) The engine exhaust **must** be shielded to prevent inadvertent contact with heated surfaces and directed away from the semi-trailer.
- (h) The engine **must** be provided with a manual fuel shut-off valve.
- (i) **Shut-Down Protection**
 - i The engine system **must** be provided with an automatic low oil pressure shutdown device.
 - ii The engine system **must** be provided with an automatic high temperature shutdown device.
- (j) **Battery**
 - i The engine system **must** be provided with a maintenance-free heavy duty battery.
 - ii The battery **must** be enclosed in a weatherproof compartment and accessible for jump start.
 - iii The battery system **must** include a master cut off switch.
- (k) **Electrical System**
 - i The engine system **must** have a keyless “stop/start” switch.
 - ii The engine system **must** be provided with an alternator that supports all operating loads and maintains the battery fully charged.
- (l) **Fuel Tank**
 - i The engine system **must** be provided with a fuel tank.
 - ii The fuel tank **must** be provided with a fuel gauge.
- (m) **Instruments**
 - i The engine system **must** be provided with an hour meter with integral back lighting.
 - ii The engine system **must** be provided with a temperature gauge with integral back lighting.
 - iii The engine system **must** be provided with an oil pressure gauge with integral back lighting.
 - iv The engine system **must** be provided with a voltmeter or ammeter with integral back lighting.
- (n) **Filtration Systems**
 - i The engine system **must** be provided with dry type air filter with replaceable element(s).
 - ii The engine system **must** be provided with spin-off replaceable oil filter.
- (o) **Engine Compartment**
 - i The engine compartment **must** be accessible while the semi-trailer is loaded.
 - ii The engine compartment access door(s) **must** be mounted on hinges to allow the doors(s) to be swung open sideways or upwards.
 - iii The door(s) **must** be provided with a positive means to remain open while the operator is working on the engine.
 - iv The door(s) **must** be lockable.

- v The compartment **must** have louvers to allow air flow into the engine compartment.
- vi The engine compartment **must** be provided with working lights.
- vii The engine compartment working lights **must** shut off automatically when the engine compartment door is closed.
- viii The compartment **must** be made of durable corrosion resistant material such as aluminum checkered plate or equivalent.

3.10 **Electrical System**

- (a) The trailer system **must** be provided with a 12-volt negative ground electrical system.
- (b) The electrical system **must** provide all power and control for the trailer system lighting and anti-lock brake system, while the trailer system is connected to the prime mover.
- (c) The electrical system **must** include a SAE J560 7-pin 12 volt semi-trailer receptacle, located in accordance with SAE J702.
- (d) The electrical system **must** include, as a minimum, electrical wiring used for the connection to the tractor vehicle intended for heavy-duty use, with positive engaging connectors, which are mounted securely to the system components.
- (e) Wiring **must** be protected by grommets when passing through metal.
- (f) The wiring **must** be protected by design and positioning to prevent damage and contact with spilled hydrocarbon fuels.
- (g) The harnesses **must** be sealed harnesses and all connections treated with dielectric grease.
- (h) All electrical components **must** be accessible for servicing.

3.11 **Lighting**

- (a) The trailer system **must** be provided with a lighting system conforming to Canadian Motor Vehicle Safety Standards (CMVSS) requirements, including the lighting required for transportation of wide loads with and without the booster and jeep.
- (b) The trailer system **must** be provided with LED body lighting.
- (c) Lights and reflectors **must** be recessed or otherwise protected from damage.
- (d) The trailer system **must** be provided with two (2) detachable amber strobe lights, one (1) at each rear corner, which activate when the trailer running lights are activated.
- (e) The trailer system **must** be provided with one strobe light(s) for the wide load sign, which activates when the trailer running lights are activated.
- (f) The trailer system **must** be provided with wide load pull-out lights located at the front and rear corners.

3.12 **Miscellaneous Equipment**

3.12.1 **Rear Bumper.** The trailer system **must** be provided with rear bumpers.

3.12.2 **Storage Compartments**

- (a) The semi-trailer **must** be provided with two (2) lockable storage weatherproof compartments.
- (b) The compartments **must** be of sufficient size to accommodate spare straps, chains, shims and fluids.
- (c) The compartments **must** be made of durable corrosion resistant material such as aluminum checkered plate or equivalent.

- (d) The compartment floors **must** be covered with a durable surface, such as Dri-Dek® decking, to help keep contents dry.
- (e) The compartment floors **must** be equipped with drain holes.
- (f) The compartments **must** be located on the gooseneck.

3.12.3 **Spare Wheel Assemblies with Storage**

- (a) The semi-trailer **must** be provided with two (2) spare tire/wheel assemblies.
- (b) The spare tire/wheel assemblies **must** be mounted on the gooseneck.

3.12.4 **Mud Flaps**

- (a) The trailer system **must** be provided with mud flaps located behind the rear axles of the semi-trailer, the jeep and the booster.
- (b) The mud flaps **must** be made of plain black rubber with no logos displayed.

3.12.5 **License Plate Holders**. The trailer system **must** be provided with illuminated license plate holders located at the rear of the semi-trailer, the jeep and the booster.

3.12.6 **Conspicuity Tape**. The trailer system **must** be provided with conspicuity tape conforming to CMVSS requirements.

3.12.7 **Document Holder**. The semi-trailer, jeep and booster **must** each be provided with weatherproof document holders, located on the road side towards the front.

3.12.8 **Identification Plate**.

- (a) The trailer system **must** be provided with identification plates containing the following information as a minimum:
 - i Manufacturer, model, model year and serial number of the trailer component; and
 - ii GAWR and GVWR ratings.
- (b) The maximum payload capacity **must** be permanently and clearly marked in a location near the identification plate.

3.12.9 **Wide Load Sign**. The semi-trailer **must** be provided with wide load sign and placard holders, located at the rear of the trailer system to meet the regulatory requirements for transportation of wide loads.

3.12.10 **Flags and Flag Holders**. The trailer system **must** be provided with flags and flag holders located at the front and rear corners of the trailer system to meet the regulatory requirements for transportation of wide loads.

3.12.11 **Container Locks**

- (a) The semi-trailer **must** be provided with four (4) retractable ISO locks, able to accommodate one (1) 6.1m ISO containers (Class/Designation "1C" IAW ISO 668).
- (b) The ISO locks **must** be flush with the deck surface when not in use.

3.12.12 **Hydraulic Winch**

- (a) The semi-trailer **must** be provided with a hydraulic winch to load vehicles onto the main deck.
- (b) The winch first layer capacity **must** be a minimum of 13,608 kg.
- (c) The winch cable/rope **must** have a minimum length of 35 m.
- (d) The winch **must** be provided with an air-operated cable/rope tensioner.
- (e) The winch **must** be provided with an air-operated winch free-wheel.

- (f) The winch **must** be provided with a wired remote control to operate the winch from a distance of no less than 5m.
- (g) The winch **must** be provided with a four (4) roller fairlead.
- (h) The winch **must** be provided with wet kit connectors nearby to operate the winch from an external source while the main deck is disconnected from the gooseneck.
- (i) The hydraulic connections **must** allow operation of the winch when the tractor, with the goose neck, attached is moved to the rear of the semi-trailer.
- (j) The winch and the cable/rope **must** be protected from the elements, including road splashes, when not in use.

3.13 **Paint and Corrosion Protection System**

3.13.1 **Paint**

- (a) The paint finish **must** be ID #34094 – Green 383 Camo, in accordance with SAE AMS-STD-595.
- (b) Additional lettering and symbols on the outside of the trailer system **must** be flat black.

3.13.2 **Corrosion Protection System**

- (a) Galvanic Corrosion
 - i The trailer system **must** be protected against galvanic corrosion where dissimilar metals are used.
- (b) Rust Prevention Coating
 - i The trailer system **must** be provided with a non dripping rust prevention system to the underbody, in addition to the standard factory rustproofing.
 - ii The rust prevention system must be applied in accordance with the rust prevention system OEM recommendations and industry best practices.
 - iii A decal **must** be affixed to the trailer system displaying the type/brand name of rust prevention system used.
 - iv Warranty papers covering the rust prevention coating **must** accompany each trailer system.

3.14 **Warning and Instruction Plates/Labels**

- (a) The warning and instruction plates/labels **must** be within easy view of the user and in accordance with standard commercial practice.
- (b) The warning and instruction plates/labels **must**, by design, withstand degradation in the environment in which they are installed, for the projected life of the trailer system.
- (c) The warning and instruction plates/labels **must** be international symbols and/or bilingual (English and French) markings.
- (d) Instruction plates **must** include engine operating instructions and any other special procedures for operating the trailer system.

3.15 **Lubricants and Hydraulic Fluids**

- (a) The trailer system **must** be provided with original equipment manufacturer recommended synthetic non-proprietary lubricants and hydraulic fluids.
- (b) A service label, affixed to the trailer inside the auxiliary engine door, indicating the types of fluid and viscosity delivered trailer system **must** be provided.

3.16 **Operability and Maintainability**

- (a) The trailer system **must** be designed to be serviced and operated safely, year round, by a person with physical characteristics ranging from the *5th percentile adult female* to the *95th percentile adult male* as defined in the Motor Vehicle Safety Regulations.
- (b) **Lubrication points and fittings.**
 - i Lubrication fittings **must** conform to SAE J534 or an **Equivalent** North American Standard.
 - ii Lubrication points **must** be easily accessible.
 - iii When lubrication points are difficult to access, extender tubes **must** be installed to ease regular lubrication.

3.17 **Trailer System Delivery Condition**

- (a) The trailer system **must** be delivered to destination in a fully operational condition (serviced and adjusted). It is acceptable for the Jeep and Booster to be attached on the semi-trailer main deck for delivery.
- (b) If the trailer system requires assembly at destination, the contractor **must** be responsible for all manpower and equipment to perform assembly.
- (c) The space for assembly at destination will be provided, if required.
- (d) Fuel tank(s) **must** be half to three quarters full on delivery.
- (e) The trailer system **must** be completely cleaned before leaving the contractor location.
- (f) The trailer system **must** be delivered with lubricants and fluids that are compatible with the delivery location and season.

4. INTEGRATED LOGISTICS SUPPORT (ILS)

4.1 Deliverables

4.1.1 General Requirements

- (a) Sample ILS documents **must** be submitted to the **Technical Authority** prior to the delivery of the trailer system, for approval. Sample ILS documents will not be returned.
- (b) **Technical Authority** approval, request for additional documentation or request for amendments will be supplied within 15 working days of receipt.
- (c) The Contractor **must** supply the additional documentation or implement the changes as requested by the **Technical Authority**.
- (d) Digital Documents
 - i All digital copies **must** be supplied in searchable PDF format unless stated otherwise.
 - ii Digital copies **must** be functional without the requirement for a password, an auto-run installation procedure or an Internet connection.
 - iii Digital copies of manuals **must** be supplied on a CD or DVD (**USB sticks will not be accepted**).
 - iv Digital copies of other ILS documents **must** be provided by email to the TA or on CD or DVD.
 - v CD/DVD **must** be permanently and legibly marked with the equipment description and a list of contents.
- (e) Paper Documents. All paper copies of ILS documents delivered **must** have the same content as the digital copy approved by the **Technical Authority**.

4.1.2 ILS Deliverables

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

Element	Format/ Medium	Delivered to TA by E- mail for approval	Delivered to TA by mail/courier for approval	Supplied with each Trailer system	Remarks	Reference Paragraph
Photograph and Line Drawing Package	Digital	X 30 days before delivery of equipment	-	-	JPEG	4.2.1
Load Analysis Drawing	Digital	X 30 days before delivery of equipment	-	-	PDF	4.2.2
Data Summary	Digital	X 30 days before delivery of equipment	-	-	Microsoft Word	4.2.3
Initial Parts Kit List	Digital	X 30 days before delivery of equipment	-	-	PDF	4.2.4
Initial Parts Kit	-	-	-	X	1 kit	4.2.4
Warranty Letter	Digital	X 30 days before delivery of equipment	-	-	PDF	4.2.5
	Paper	-	-	X	-	
Safety Data Sheets Package	Digital	X 30 days before delivery of equipment	-	-	PDF	4.2.6
	Paper	-	-	X	-	
Set of Manuals	Digital	-	X 30 days before delivery of equipment	X	PDF - on CD/DVD*	4.2.7
	Paper	-	-	X	-	
Line Setting Ticket	Digital	X 30 days before delivery of equipment	-	-	PDF	4.2.8

Note: * One CD/DVD should be used for all e-manuals covering a configuration/model and its accessories.

4.1.3 **Training deliverables**

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

Element	Format/ Medium	Delivered to TA by E- mail for approval	Remarks	Reference Paragraph
Course Syllabus	Digital	X 30 days before delivery of equipment	-	4.3.1
Familiarization Training	-	-	Delivery in person, at the location specified in the contract. Approximately 30 days after delivery of equipment, to be coordinated with the TA .	4.3.1
Proof of Training Certificate	Digital	X After training delivery is complete	TA will provide template	4.3.1

4.2 **ILS Elements Description**

4.2.1 **Photograph and Line Drawing Package**

- (a) DND requires photographs and line drawings for documentation and cataloguing purposes. The Photograph and Line Drawing Package **must** include:
- i Two (2) digital colour photographs, one (1) left-front three-quarter view, and one (1) right-rear three-quarter view of each configuration/model;
 - ii One (1) digital colour photograph of each attachment and component taken at the three-quarter view that best illustrates the attachment/component;
 - iii One (1) front-view and one (1) side-view line drawing showing dimensions of the trailer system. Brochure line drawings are acceptable; and
 - iv One (1) front-view and one (1) side-view line drawing showing dimensions of each of the 3 main components of the trailer system (Jeep, Semi-Trailer and Booster) as well as the 3 components together as a system. Brochure line drawings are acceptable.
- (b) Photographs **must** have a plain background and be in a JPEG (Joint Photographic Experts Group) format with a resolution of at least eight (8) Mega pixels.

4.2.2 **Data Summary**

- (a) The **Technical Authority** will supply a bilingual Data Summary Template (in Microsoft Word format) to the Contractor.
- (b) The data summary **must**:
- i Use the **Technical Authority** provided bilingual template;
 - ii Be a separate document for each configuration/model;

- iii Include accessories (such as auxiliary engine and winch) and features; and
- iv Be delivered in Microsoft Word format.

4.2.3 **Load Analysis Drawing**

- (a) The Contractor **must** provide a load analysis drawing showing principle trailer system dimensions for the analysis and the axle and kingpin loads when subjected to the payload.
- (b) The load analysis drawing **must** be in PDF format.

4.2.4 **Initial Parts Kit**

- (a) An Initial Parts Kit List **must** be provided to the **Technical Authority** for approval.
- (b) The Initial Parts Kit List **must** include:
 - i A complete list of parts needed to perform preventive maintenance on one (1) trailer system and its accessories (auxiliary engine and winch included) for a period of one (1) year, in accordance with the maintenance manual, for each configuration/model;
 - ii A complete list of parts needed to perform a complete change of all filters and filter elements; and
 - iii The following elements for each part listed: part description; Original Equipment Manufacturer (OEM) Part number; suggested quantity; and, unit cost.
- (c) The Contractor **must** supply one (1) complete set of parts contained in the approved Initial Parts Kit List with each trailer system.

4.2.5 **Warranty Letter**

- (a) The **Technical Authority** will supply a bilingual Warranty Letter Template (in PDF format) to the Contractor.
- (b) The Warranty Letter **must**:
 - i Use the **Technical Authority** provided bilingual template;
 - ii Contain a complete description of the warranty requested with the warranty terms and conditions;
 - iii Contain the complete warranty details on any system or sub system warranty that exceeds the minimum requested; and
 - iv Contain the name and contact information of the closest designated warranty provider and other designated warranty providers across Canada.

4.2.6 **Safety Data Sheets Package**

- (a) The Safety Data Sheets Package **must** include:
 - i A bilingual (or a separate French and an English) list of all hazardous materials used on the trailer system and its accessories; and
 - ii A complete bilingual set (or a set in French and a set in English), off all the safety data sheets for all hazardous materials in the list.
- (b) If there are no hazardous materials used, this **must** be stated on the list.

4.2.7 **Set of Manuals**

- (a) The set of manuals for each configuration/model **must** include:
 - i The French and English (or bilingual) operator manual(s);
 - ii The French and English (or bilingual) maintenance (shop repair) manual(s); and

- iii The English or bilingual parts manual(s).
- (b) The set of manuals **must** include manuals (operator, maintenance (shop repair) and parts) for all major components, all attachments, accessories and features for the configuration/model supplied. Accessory manuals such as the auxiliary engine and winch manuals may be included as supplements to the trailer system manuals

4.2.8 **Line Setting Ticket**

- (a) The Contractor **must** produce a Line Setting Ticket, or **Equivalent**, describing the components provided on the trailer system.
- (b) The Contractor **must** supply the Technical Authority a Line Setting Ticket in searchable PDF digital format with each trailer system delivered.

4.3 **Training**

4.3.1 **Familiarization Training**

- (a) The Contractor **must** deliver one familiarization course optimized for trained operators and technicians per delivery destination.
- (b) The course **must** be delivered at the delivery destination, unless stated otherwise in the contract.
- (c) The course **must** be delivered in English.
- (d) The instructor **must** be an OEM Factory Certified Training Provider.
- (e) **Course Syllabus**
 - i The Contractor **must** provide the familiarization training course syllabus, in the same language as the course delivery, for review and approval by the **Technical Authority**.
 - ii The operator familiarization portion of the course **must** include, but is not limited to, safety precautions to be observed while operating and servicing, operating characteristics, calibration, pre-operating and pre-shutdown procedures, shimming and pre-loading of the trailer system when used with the booster and daily/weekly operator servicing procedures for the trailer system and accessories.
 - iii The technician familiarization portion of the course **must** include, but is not limited to, operation and maintenance safety precautions, overview of air, hydraulic and electrical systems (as applicable), preventive maintenance including servicing schedules, inspection and maintenance requirements, special tools and test equipment (as applicable), diagnostics, troubleshooting, testing and adjustments for the trailer system and accessories.
- (f) The familiarization course **must** have a minimum duration of four (4) hours for operators and four (4) hours for technicians.
- (g) The familiarization course **must** accommodate up to eight (8) people (4 operators and 4 technicians).
- (h) The date for the familiarization course **must** be coordinated with the **Technical Authority**.
- (i) After completion of the familiarization course, the Contractor **must** have the “**Proof of Training**” certificate signed by the senior course attendee.
- (j) The **Technical Authority** will supply the “**Proof of Training**” certificate template in a digital format.



NOTICE

This documentation has been reviewed by the Technical Authority and does not contain controlled goods.

AVIS

Cette documentation a été révisée par l'Autorité technique et ne contient pas de marchandises contrôlées.

TECHNICAL EVALUATION MATRIX
50T PAYLOAD LOW BED TRAILER SYSTEM

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

Where the specification paragraphs below indicate “**Substantial Information**”, the “**Substantial Information**” describing completely and in detail how the requirement is met or addressed **must** be supplied for each performance requirement/specification.

Bidder is required to indicate the document name/title and page number where the **Substantial Information** can be found.

Definitions for **Equivalent** is found in the DEFINITION section at the end of this document.

BIDDER INFORMATION

Bidder Name: _____

Address: _____

Proposal Date: _____

Substitutes/Alternatives

Are any equipment substitutes/alternatives offered as **Equivalent**? YES NO

If yes, please identify all equipment substitutes/alternatives offered as **Equivalents** below:

OPI: DSVPM 4 – BPR: DAPVS 4

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

50T PAYLOAD LOW BED TRAILER SYSTEM				
PD Reference	Requirement	Substantial Information required	Value	Location of Substantial Information in Bid Proposal
3.1	<p><u>Contractor certification</u> (a) The contractor <i>must</i> be the trailer system OEM or an OEM officially recognized distributor/re-seller for the trailer system.</p>	Proof of compliance.		
3.5.1	<p><u>General.</u> The trailer system must consist of a double drop low bed semi-trailer with detachable goose neck, with a jeep, a booster and accessories.</p>	A system drawing, picture, or brochure showing semi-trailer, jeep and booster must be provided.	Make:	
			Model:	
3.5.2	<p><u>Payload.</u> The trailer system must carry a uniformly distributed load of at least 50,000 kg.</p>	A detailed load analysis and dimensional drawing must be provided showing all components of the trailer system including sub component Curb Weight, rated payload, GVWR and GAWR of axle groups. It must also show axle and kingpin loads as well as Gross Combined Weight when carrying the stated payload.		

50T PAYLOAD LOW BED TRAILER SYSTEM				
3.6.1	<p><u>Dimensions</u></p> <p>(a) The trailer system must have a nominal overall width of 2,590 mm</p> <p>(b) The semi-trailer must have a nominal overall length of 16,150 mm.</p> <p>(c) The semi-trailer must have swing clearances suitable for the jeep and dual-axle tractors.</p> <p>(d) The semi-trailer must operate with the kingpin at a standard commercial nominal height of 1,270 mm, measured from the ground to the kingpin upper plate.</p> <p>(e) The jeep must have swing clearance suitable for dual-axle tractors.</p> <p>(f) The main deck must have a minimum length of 7,315 mm.</p> <p>(g) The main deck, when laden, must have a maximum deck height of 660 mm.</p> <p>(h) The main deck, when laden, must have a minimum deck ground clearance of 254 mm.</p>	<p>A system drawing showing semi-trailer, jeep and booster with dimensions must be provided. Dimensions demonstrating compliance to item 3.6.1 beside must be provided as a minimum.</p>		
3.7.1	<p><u>Axles</u></p> <p>(a) The semi-trailer must be provided with a tri-axle configuration.</p> <p>(b) The jeep must be provided with a dual-axle configuration.</p> <p>(c) The booster must be provided with a dual-axle configuration.</p> <p>(d) The axles must be of appropriate capacity to carry the maximum payload specified in this document.</p>	<p>Provide Axle Make, Model and GAWR with documented proof</p>	<p>Axle Make:</p> <hr/> <p>Model:</p> <hr/> <p>GAWR:</p>	
3.9	<p><u>Auxiliary Engine System</u></p> <p>(a) The semi-trailer must be provided with one (1) auxiliary engine system to power the hydraulic system.</p> <p>(b) The engine must operate on gasoline fuel.</p>	<p>Provide document detailing auxiliary engine make model and fuel type.</p>	<p>Make:</p> <hr/> <p>Model:</p> <hr/> <p>Fuel Type:</p>	

DEFINITION

The following definition apply to the interpretation of this Technical Information Questionnaire:

- a) ***“Equivalent”*** - A standard, means, or component type, which has been accepted by the Technical Authority as meeting the specified requirements for form, fit, function and performance.