



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 His Majesty the King 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 le Roi 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 :

By e-mail to: - Par courriel au :
DLP53BidsReceiving.DAAT53Receptiondessoumissions@forces.gc.ca

Attention: - Attention :
Lidija Al Brich DLP 5-3-4-4

Title - Subject Truck, Aircraft Cargo Loading-Unloading, 6804 Kg (15,000 Lbs) Capacity Electric Motor Driven	
Solicitation No. N° de l'invitation W8476-246823/A	Date of Solicitation Date de l'invitation 2024-01-22
Address enquiries to: - Adresser toute demande de renseignements à : Lidija Al Brich E-Mail Address - Courriel Lidija.AlBrich@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 :
2024-02-21

Time Zone - Fuseau Horaire :

Eastern Standard Time (EST)
Heure normale de l'Est (HNE)

TABLE OF CONTENTS

PART 1 - GENERAL INFORMATION	4
1.1 REQUIREMENT	4
1.2 SECURITY REQUIREMENTS	4
1.5 DEBRIEFINGS	4
PART 2 - BIDDER INSTRUCTIONS	5
2.1 STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS	5
2.2 SUBMISSION OF BIDS	6
2.3 ENQUIRIES - BID SOLICITATION	6
2.4 APPLICABLE LAWS	7
2.5 IMPROVEMENT OF REQUIREMENT DURING SOLICITATION PERIOD	7
3.1 BID PREPARATION INSTRUCTIONS	8
3.2 SECTION I: TECHNICAL BID	8
3.3 SECTION II: FINANCIAL BID	9
3.4 SECTION III: CERTIFICATIONS	9
3.5 SECTION IV: ADDITIONAL INFORMATION	9
ATTACHMENT 1 TO PART 3 - ELECTRONIC PAYMENT INSTRUMENTS	11
PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION	12
4.1 EVALUATION PROCEDURES	12
4.2 BASIS OF SELECTION - LOWEST EVALUATED PRICE, MANDATORY TECHNICAL CRITERIA	12
ATTACHMENT 1 TO PART 4 - EVALUATION CRITERIA	13
ATTACHMENT 2 TO PART 4 - PRICING SCHEDULE	14
1. GENERAL	14
2. FIRM GOODS AND/OR SERVICES	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
ART 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	22
6.9 APPLICABLE LAWS	22
6.10 PRIORITY OF DOCUMENTS	22
6.11 DEFENCE CONTRACT	22
6.12 FOREIGN NATIONALS (FOREIGN CONTRACTOR)	23
6.13 INSURANCE - NO SPECIFIC REQUIREMENT	23
6.14 INSPECTION AND ACCEPTANCE	23
6.15 POST-CONTRACT AWARD MEETING	23
6.16 ISO 9001:2015 QUALITY MANAGEMENT SYSTEMS - REQUIREMENTS (QUALITY ASSURANCE CODE Q)	23
6.17 QUALITY ASSURANCE AUTHORITY (DEPARTMENT OF NATIONAL DEFENCE): CANADIAN-BASED CONTRACTOR	24

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

PART 1 - GENERAL INFORMATION

1.1 Requirement

- A. The Department of National Defence (DND) has a requirement to procure (1) Truck, Aircraft Cargo Loading-Unloading, 6804 Kg (15,000 Lbs) Capacity Electric Motor Driven for delivery to CFB Winnipeg. The requested delivery date is 120 days after receipt of order.
- 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.

1.5 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](#) (2023-06-08), 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 3, is deleted in its entirety;
- (iii) 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.
- (iv) Section 05, Submission of bids, subsection 4, is amended as follows:
 - Delete: 60 days
 - Insert: 120 days
- (v) Section 06, Late bids, is deleted in its entirety;
- (vi) Section 07, Delayed bids, is deleted in its entirety.
- (vii) Section 08, Transmission by facsimile or by Canada Post Corporation's (CPC) Connect service, is deleted in its entirety.
- (viii) Section 20, Further information, subsection 2, is deleted in its entirety.

2.1.1 Technical Difficulties of Bid Transmission

Despite anything to the contrary in (05), (06) or (08) of the Standard Instructions, where a Bidder has commenced transmission of its bid through an electronic submission method (such as facsimile or Canada Post Corporation's (CPC) Connect service, or other online service) in advance of the bid solicitation closing date and time, but due to technical difficulties, Canada was unable to receive or decode the entirety of the Bid by the deadline, Canada may nonetheless accept the entirety of the Bid received after the bid solicitation closing date and time, provided that the Bidder can demonstrate the following:

- (i) The bidder contacted Canada in advance of the bid solicitation closing date and time to attempt to resolve its technical difficulties; or

(ii) The electronic properties of the Bid documentation clearly indicate that all components of the Bid were prepared in advance of the bid solicitation closing date and time.

2.1.2 Completeness of the Bid

After the closing date and time of this bid solicitation, Canada will examine the Bid to determine completeness. The review for completeness will be limited to identifying whether any information submitted as part of the bid can be accessed, opened, and/or decoded. This review does not constitute an evaluation of the content, will not assess whether the Bid meets any standard or is responsive to all solicitation requirements, but will be solely limited to assessing completeness. Canada will provide the Bidder with the opportunity to submit information found to be missing or incomplete in this review within two business days of notice.

Specifically, the bid will be reviewed and deemed to be complete when the following elements have been submitted by the bidder:

1. That certifications and securities required at bid closing are included.
2. That bids are properly signed, that the bidder is properly identified.
3. Acceptance of the terms and conditions of the bid solicitation and resulting contract.
4. That all documents created prior to bid closing but due to technical difficulties Canada was unable to receive them, have been properly submitted and received by Canada.
5. All certifications, declarations and proofs created prior to bid closing but due to technical difficulties Canada was unable to receive them, have been properly submitted and received by Canada.

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 Canada Post Corporation's (CPC) Connect service 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.
- B. Bidders are requested that the solicitation number (W8476-246823/A) be included in the subject line of any email

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.
- 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

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 14 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. Bidders must demonstrate their compliance with the attachment to Part 4 entitled Evaluation Criteria. 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 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.

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 the attachment 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 the attachment to Part 3 entitled Electronic Payment Instruments, to identify which ones are accepted.

B. If the attachment 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

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 contact person (provide also this person's 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 on or before 120 days. 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.

3.5.2 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 OR 2000 hours of usage, whichever comes first. 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) (International Only); 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 will evaluate the bids.

4.1.1 Technical Evaluation

- A. Mandatory technical evaluation criteria are included in the attachment to Part 4 entitled Evaluation Criteria.

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.

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

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

ATTACHMENT 1 TO PART 4 - EVALUATION CRITERIA

See attached document entitled:

“Technical Evaluation Matrix, dated 2023-05-05”

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/or Services

2.1 TRUCK, AIRCRAFT CARGO LOADING-UNLOADING, 6804 KG (15,000 LBS) CAPACITY ELECTRIC MOTOR DRIVEN

- 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)
1	17 Wing Winnipeg Major Equipment Section Building 129 Logistics Building, Door 13 Winnipeg, MB R3J 3Y5	1	\$	\$

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.

5.1.2 Certifications- Contract

- A. Compliance with the certifications provided by the Contractor in its bid is a condition of the Contract and subject to verification by Canada during the term of the Contract. If the Contractor does not comply with any certification or it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

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 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

5.3.3 Contact information for Contractor's representative and After Sale Service

- A. The Bidder is requested to provide the information in Part 6 at 6.5.4 Contractor's Representative and at 6.5.5 After Sales Service.

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

ART 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.

6.3 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 (2022-12-01), 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", "His Majesty" or "the Government", is deleted in its entirety and replaced with the following:
- "Canada", "Crown", "His Majesty" or "the Government" means His Majesty the King 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 and 2 are deleted in their 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 12 months, or 2000 hours 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.

6.3.2 Existing Technical Publications – Translation

- A. The Contractor grants to Canada a non-exclusive, perpetual, irrevocable and royalty-free license to translate and reproduce for government use all or any part of the technical publications supplied with the equipment delivered under the Contract. Copyright in the translation made by Canada or by independent contractors engaged by Canada will belong to Canada.

6.3.3 Suspension of the work

- A. 1. The Contracting Authority may at any time, by written notice, order the Contractor to suspend or stop the Work or part of the Work under the Contract for a period of up to 180 days. The Contractor must immediately comply with any such order in a way that minimizes the cost of doing so. While such an order is in effect, the Contractor must not remove any part of the Work from any premises without first obtaining the written consent of the Contracting Authority. Within these 180 days, the Contracting Authority must either cancel the order or terminate the Contract, in whole or in part, under section(s) 23 or 24 of general conditions 2010A.

2. When an order is made under subsection 1, unless the Contracting Authority terminates the Contract by reason of default by the Contractor or the Contractor abandons the Contract, the Contractor will be entitled to be paid its additional costs incurred as a result of the suspension plus a fair and reasonable profit.

3. When an order made under subsection 1 is cancelled, the Contractor must resume work in accordance with the Contract as soon as practicable. If the suspension has affected the Contractor's ability to meet any delivery date under the Contract, the date for performing the part of the Work affected by the suspension will be extended for a period equal to the period of suspension plus a period, if any, that in the opinion of the Contracting Authority, following consultation with the Contractor, is necessary for the Contractor to resume the Work. Any equitable adjustments will be made as necessary to any affected conditions of the Contract.

6.4 Term of Contract

6.4.1 Delivery Dates

- A. All the deliverables must be received on or before the date(s) specified in Annex B of the Contract.

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: Lidija Al Brich
Position: DLP 5-3-4-4
Address: Department of National Defence Headquarters
101 Colonel By Drive
Ottawa, Ontario K1A 0K2
E-mail: Lidija.albrich@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:

[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 Single Payment

- A. Canada will pay the Contractor upon completion and delivery of the Work 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.

6.6.6 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) (International only); and
- (iii) Wire Transfer (International Only).

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 the applicable documents:

- (i) The serial number(s), or a copy of the New Vehicle Information Statement (NVIS) containing the Vehicle Identification Number(s) (VIN);
- (ii) A copy of proof(s) of training
- (iii) A copy of the release document and any other documents as specified in the Contract;
- (iv) A description of the Work delivered;
- (v) A breakdown of the cost elements.

C. Invoices must be distributed as follows:

- (i) The invoice along with any required supporting documentation must be forwarded to the Contracting Authority for certification and payment at:

Email: [email to be detailed 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. Invoices claiming Travel and Living costs must be submitted in hard copy in order to provide original receipts, as per Treasury Board regulations.

6.7.2 Holdback

A. A 10% holdback will apply on any due payment of the following:

- (i) Items 001 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 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. If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list:

- (i) The Articles of Agreement;
- (ii) The General Conditions 2010A (2022-12-01), 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.

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

6.12 Foreign Nationals (Canadian Contractor)

A. The Contractor must comply with Canadian immigration requirements applicable to foreign nationals entering Canada to work temporarily in fulfillment of the Contract. If the Contractor wishes to hire a foreign national to work in Canada to fulfill the Contract, the Contractor should immediately contact the nearest Service Canada regional office to enquire about Citizenship and Immigration Canada's requirements to issue a temporary work permit to a foreign national. The Contractor is responsible for all costs incurred as a result of non-compliance with immigration requirements.

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

6.12 Foreign Nationals (Foreign Contractor)

- A. The Contractor must comply with Canadian immigration legislation applicable to foreign nationals entering Canada to work temporarily in fulfillment of the Contract. If the Contractor wishes to hire a foreign national to work in Canada to fulfill the Contract, the Contractor should immediately contact the nearest Canadian Embassy, Consulate or High Commission in the Contractor's country to obtain instructions, information on Citizenship and Immigration Canada's requirements and any required documents. The Contractor is responsible to ensure that foreign nationals have the required information, documents and authorizations before performing any work under the Contract in Canada. The Contractor is responsible for all costs incurred as a result of non-compliance with immigration requirements.

6.13 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.

6.14 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.

6.15 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.

6.16 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.

6.16.1 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.
- E. For the design, development or maintenance of software, the Contractor must interpret the requirements of *ISO 9001:2015 "Quality management systems - Requirements"*, according to the guidelines of the latest issue (at contract date) of *ISO/IEC 90003:2014 "Software engineering - Guidelines for the application of ISO 9001:2008 to computer software"*.

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

6.17 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.

6.18 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

6.19 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.

6.19 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.

6.20 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

6.21 Material

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

6.22 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.

6.23 Vehicle Safety

- A. Each vehicle supplied pursuant to the Contract must meet the applicable provisions of the [Motor Vehicle Safety Act](http://laws-lois.justice.gc.ca/eng/acts/M-10.01/page-1.html), 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.

6.24 Recall Notices

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

6.25 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.

6.26 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/) (<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) (<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) (<http://www.inspection.gc.ca/plants/forestry/exports/ht-program/eng/1319462565070/1319462677967>)

6.27 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.

6.28 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.

6.29 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.

6.30 Incomplete Assemblies

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

6.31 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.

6.32 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.

6.33 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.

6.34 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.

6.35 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:

“ Purchase Description(S), Truck, Aircraft Cargo Loading-Unloading, 6804 Kg (15,000 Lbs) Capacity Electric Motor Driven, Dated 2023-05-05”.

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 Truck, aircraft cargo loading-unloading, 6804 kg (15,000 lbs) capacity electric motor driven

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	Delivery Date	Quantity Required	Make/Model	Firm Unit Price
1	17 Wing Winnipeg Major Equipment Section Building 129 Logistics Building, Door 13 Winnipeg, MB R3J 3Y5	[Date to be detailed in the resulting contract]	1	To be added in the resulting contract	[\$Cost to be detailed in the resulting contract]

3.1 Extended Warranty Period

A. If the warranty period is extended for an additional period of [To be added in the resulting contract] months/calendar days, the Contractor will be paid a firm unit price of [\$Cost to be detailed in the resulting contract] per vehicle/equipment, Applicable Taxes are extra.



PURCHASE DESCRIPTION
FOR
TRUCK, AIRCRAFT CARGO LOADING-UNLOADING, 6804 KG
(15,000 LBS) CAPACITY ELECTRIC MOTOR DRIVEN
ECC 104606



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.

OPI DSVPM 5 – DAVPS 5

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

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Table of Contents

1.	SCOPE	7	
1.1	Scope		7
1.2	Instructions		7
1.3	Definitions		7
2.	APPLICABLE DOCUMENTS	7	
2.1	Applicable Documents		7
3.	REQUIREMENTS	8	
3.1	Standard Design		8
3.2	Operating Conditions		8
3.2.1	Weather		8
3.2.2	Terrain		9
3.3	Safety Standards		9
3.3.1	Human Factors Engineering		9
3.4	Operability		9
3.4.1	Aircraft.		9
3.4.2	Cargo.		9
3.5	Requirements		9
3.5.2	Speed		10
3.5.3	Braking.		10
3.5.4	Front Platform		10
3.5.5	Main Platform		10
3.6	Equipment		10
3.6.1	Front Platform		10
3.6.2	Main Platform.		11
3.6.3	Stabilizers.		12
3.7	Operator Station		12
3.8	Electric Engine		13
3.8.1	Batteries		13
3.8.2	Cold Weather Operating Aids		13
3.9	Vehicle Drive		13
3.10	Steering		13
3.11	Wheels, Rims and Tires		13
3.12	Accessories		14
3.13	Collision Avoidance System		14



3.14	Hydraulic System	14
3.15	Electrical System	14
3.16	Lights	14
3.17	Controls	14
3.18	Instruments	15
3.19	Paint	15
3.20	Retroreflective Tape	15
3.21	Corrosion Protection	15
3.22	Warning, Markings and Instruction Plates	15
3.22.1	Vehicle identification	15
4.	INTEGRATED LOGISTIC SUPPORT (ILS)	16
4.1	ILS Deliverables	16
4.2	Vehicle Manuals	16
4.2.1	Operator's Manuals	16
4.2.2	Parts Manual(s)	16
4.2.3	Maintenance Manuals	17
4.2.4	Manual Delivery to Technical Authority	17
4.2.5	Manual Delivery with Vehicle	18
4.2.6	Electronic Format	18
4.2.7	Provisional Manuals	18
4.2.8	Manual Supplements	18
4.2.9	Changes to Manuals	18
4.3	Warranty Letter	18
4.3.1	Warranty Letter Delivery	19
4.4	Other ILS Deliverables to Technical Authority	19
4.4.1	Data Summary	19
4.4.2	Photographs	19
4.4.3	Dimensioned Drawing	19
4.4.4	Special Tools List	19
4.4.5	Preventive Maintenance Replacement Parts Kit List (PMRPKL)	20
4.4.6	Recommended Spare Parts List (RSPL)	20
4.5	Safety Recalls and Servicing Data	20
4.6	Initial Parts Kit	21
4.7	Training	21
4.7.1	Training Deliverables	21
4.7.2	Maintenance Training	21



4.7.3	Maintenance Training Curriculum	21
4.7.4	Operator Training	21
4.7.5	Operator Training Curriculum	22
4.7.6	Training Materials	22



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1. SCOPE

1.1 Scope

- a) This Purchase Description describes the requirement for a self-propelled, 6804 kg (15,000 lbs) capacity, aircraft cargo loading and unloading platform truck, electric motor driven. This vehicle is intended to load and unload aircraft at bases across Canada and internationally in support of deployed operations.

1.2 Instructions

- a) Requirements, which are identified by the word “**must**”, are mandatory. Deviations will not be permitted.
- b) Requirements identified with a “will” define actions to be performed by Canada and require no action or obligation on the Contractor’s part.
- c) Where “**must**” or “will” are not used, the information supplied is for guidance only.
- d) In this document “provided” **must** mean “provided and installed”.
- e) Where a technical certification is referred to in this specification, a copy of the certification or an acceptable Proof of Compliance **must** be supplied for the vehicle when requested by the Technical Authority.
- f) Metric measurements are used to define the requirement. Other measurements are for reference only and may not be exact conversions.
- g) Nominal dimensions reflect a method by which materials or products are generally identified, but which differ from the actual measured dimensions.

1.3 Definitions

- a) “**Equivalent**” - Substitutes and alternatives that are **equivalent** in product, performance or a standard will be considered for acceptance by the Technical Authority where Proof of Compliance for **equivalency** for the respective requirement is provided for evaluation.
- b) “**Vehicle**” – The entire vehicle including all systems and subsystems, in a complete manufactured state in accordance with the requirements in this Purchase Description.
- c) “**Payload**” - The maximum cargo load carrying capacity of the trailer. The payload is the calculated difference between the Curb Weight and the Gross Vehicle Weight Rating.

2. APPLICABLE DOCUMENTS

2.1 Applicable Documents

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

Yearbook - Tire and Rim Association Inc.

IATA AHM 907 - Basic Requirements for Electrically Powered GSE (e-GSE)

IATA AHM 930 - Functional Specification for an Upper Deck Container/Pallet Loader

IATA AHM 931 - Functional Specification for Lower Deck Container/Pallet Loader

ISO 6966-1 Aircraft ground equipment – Basic Requirements – Part 1: General design requirements

ISO 6966-2 Aircraft ground equipment – Basic Requirements – Part 2: Safety requirements

ISO 6967 Aircraft ground equipment – Main deck vehicle – Functional requirements

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

3. REQUIREMENTS

3.1 Standard Design

- a) **Latest Model** - The vehicle design **must** be the manufacturer's latest model.
- b) **Industry Acceptability** - The vehicle design **must** have demonstrated industry acceptability by having been manufactured and sold commercially for at least 2 years or be manufactured by a company that has at least 5 years' experience in design and manufacturing of a comparable type of equipment of **equivalent** or greater complexity.
- c) **Engineering Certification** - Original manufacturers engineering certification **must** be provided upon request for major drive train components, and major equipment systems and assemblies, to demonstrate that assemblies are used within their design limitations.
- d) **Regulations** – The vehicle **must** conform to all applicable laws, regulations and industrial standards governing manufacture, safety, noise levels and pollution in effect in Canada at the time of manufacture. International equivalent laws, regulations, and industrial standards will be accepted only if certified for equivalency by a professional engineer.
- e) **Foreign Object Debris (FOD)** - To prevent FOD, all loose metal parts **must** be securely attached to the vehicle with wire lanyards. If removable panels are provided, they **must** be attached with captive fasteners.
- f) **Measurements** – Values for labels and indicators provided with equipment **must** be presented in metric units or **must** have both imperial and metric units with metric dominant.

3.2 Operating Conditions

3.2.1 Weather

- a) The vehicle **must** operate under the extremes of weather conditions found in Canada in temperatures ranging from -40 to 37° C (-40 to 99° F).

3.2.2 **Terrain**

- a) The vehicle **must** operate on concrete and asphalt surfaces that include year-round operations on rain, snow, hard-packed snow, and ice with up to 2.0% (percent) slope in all weather conditions.

3.3 **Safety Standards**

3.3.1 **Human Factors Engineering**

- a) The vehicle **must** be equipped, with warning and instruction plates, non-slip walking surfaces and heat shields, for operator safety.

3.3.3 **Aerial device safety**

- a) The stability ratio of the vehicle **must** be in accordance with 3.13.1.9 – 3.13.1.9.1 of SAE ARP 1247C at wind speeds up to 70 km/h (43.5 mph).
- b) The fully loaded vehicle **must** be able to safely operate in wind speeds of up to 70 km/h (43.5 mph).

3.4 **Operability**

3.4.1 **Aircraft**

- a) The vehicle **must** be able to load and unload cargo from the following aircraft:
 - i. Canadian Forces CC150 (in Freighter, Combi and Passenger configurations, upper and lower decks) aircraft.
 - ii. Upper and lower decks of commercial wide-body cargo aircraft including Airbus A300 series, B-737, B-747, B-757, B-767, MD-11, L-188, L-1011 and DC-10 as well as all narrow-body commercial cargo aircraft.

3.4.2 **Cargo**

- a) The vehicle **must** be able to accept, load and unload the following types of cargo:
 - i. 463 L (2743 x 2235 mm (108 x 88 in)) military aircraft pallets.
 - ii. 2235 x 3175 mm (88 x 125 in) commercial aircraft pallets.
 - iii. LD-3, LD-9, and LD-11 Unit Load Devices (ULDs).

3.5 **Requirements**

3.5.1 **Weight Ratings**

- a) The vehicle **must** be rated for a payload of at least 6804 kg (15,000 lb) up to maximum elevation on the front and main platforms.

3.5.2 **Speed**

- a) The vehicle **must** have a maximum speed of at least 11.3 km/h (7 miles/hour) unloaded on dry pavement.
- b) The vehicle **must** be able to move forward or reverse in increments of one inch or less.

3.5.3 **Braking**

- a) The vehicle **must** be equipped with service brakes and a parking brake.
- b) The parking brake **must** hold the fully laden vehicle on a 5 percent grade.

3.5.4 **Front Platform**

- a) The front platform **must** be able to load one LD-9 ULD in either orientation.
- b) The front platform **must** be able to raise of at least 5.59 m (220 inches).
- c) The front platform **must** be able to lift and descent cycle (loaded or empty) from fully lowered to fully raised and vice versa of less than 90 seconds.
- d) This motion **must** be able to be controlled smoothly by the operator and allow movement in increments of 25 mm (1 inch) or less.
- e) The mechanism **must** be able to maintain the selected platform height fully loaded for at least 30 minutes with or without the engine running.

3.5.5 **Main Platform**

- a) The main platform **must** be able to load two LD-9 ULDs in either orientation.
- b) The main platform **must** be able to accept loads from either side or the rear.
- c) The main platform **must** have a loading height (lowered) of no more than 508 mm (20 inches).
- d) The main platform **must** be able to lift and descent cycle (loaded or empty) from fully lowered to fully raised and vice versa of less than 60 seconds.

3.6 **Equipment**

3.6.1 **Front Platform**

- a) The front platform **must** meet the requirements of SAE ARP 1334.
- b) The front platform **must** be provided with guide rails and stops meeting the requirements of ISO 6967 or IATA AHM 931.

- c) The front platform **must** be equipped with catwalks and removable handrails along the length of the platform on both sides.
- d) The catwalks **must** have a non-slip walking surface.
- e) The walking surfaces of the platform **must** have a non-slip finish.
- f) The front platform **must** be equipped with a ladder to access the operator station at any platform elevation.
- g) The front platform **must** be equipped with a powered conveying system able to move any load in either direction across or along the platform.
- h) The powered system **must** be controlled from the operator section and be capable of speeds up to at least 18 m/min (60 fpm).
- i) A means to move the cargo manually in the event of drive element failure **must** be provided.
- j) Power operated folding wing(s) at the front end for access to the aircraft listed in this Purchase Description.
- k) A means to prevent the platform from collapsing in the event of loss of hydraulic pressure **must** be provided.
- l) The front platform **must** be provided with rubber or elastomeric bumpers to minimize the possibility of damage to aircraft.

3.6.2 **Main Platform**

- a) The main platform **must** meet the requirements of SAE ARP 1334.
- b) The main platform **must** be equipped with a powered conveying system able to move any load in either direction across, along, and rotate on the platform.
- c) The powered rollers on the sides and rear of the main platform **must** be able to move any load on and off the platform.
- d) The powered conveying system **must** be divided into front and rear sections, each controlled from the operator's station and be capable of speeds up to at least 18 m/min (60 fpm).

- e) A means to move the cargo manually in the event of drive element failure **must** be provided.
- f) The main platform **must** be equipped with guide rails and stops meeting the requirements of ISO 6967 or IATA AHM 931.
- g) The main platform **must** be equipped with catwalks and removable wind guards along the length of the platform on both sides.
- h) The catwalks **must** have a non-slip walking surface.
- i) The walking surfaces of the platform **must** have a non-slip finish.
- j) Means to prevent collapse in the event of loss of hydraulic pressure **must** be provided.

3.6.3 **Stabilizers**

- a) A power operated stabilizer system **must** be provided.
- b) The stabilizer system **must** meet the stability requirements of paragraph 3.3.3.
- c) The stabilizer system **must** prevent the movement of the vehicle while the stabilizers are extended.
- d) The stabilizer system **must** prevent operation of the conveying system or platform movement if the stabilizers are not extended.
- e) The stabilizer system **must** have a mean to retract the stabilizers in the event of power failure.

3.7 **Operator Station**

- a) The operator station **must** be equipped with all controls necessary to operate the vehicle including positioning and loading/unloading.
- b) The operator station **must** include powered movement if necessary to allow the bridge to mate with fuselage lower doors while maintaining adequate clearance to the aircraft.
- c) The operator station **must** be able to see the leading edge of the front platform with a full load of pallets on the platform.
- d) The operator station **must** be equipped with illumination of the controls and instruments for night operation.
- e) The operator station **must** be equipped with at least one work light illuminating the front and main platforms and surroundings.
- f) The operator station **must** be equipped with hand holds to safely access the operator station from the ladder or bridge.
- g) The operator station **must** be equipped with rotating or stroboscopic amber warning beacons.

3.8 **Electric Engine**

- a) The vehicle **must** be electric motor driven.
- b) The vehicle **must** be provided with an onboard charger.
- c) The vehicle **must** be equipped with a state-of-charge indicator.

3.8.1 **Batteries**

- a) The batteries **must** be lithium ion.
- b) The batteries **must** have at least 1,000 Ah of capacity.
- c) The batteries **must** be maintenance free and secured in an accessible well-protected location.
- d) The batteries **must** have a minimum energy storage capacity sufficient to provide 6 hours of operation without requiring a recharge.
- e) The batteries **must** fully recharge in a maximum of 4 hours.
- f) A master disconnect switch, accessible from the ground, **must** be provided.

3.8.2 **Cold Weather Operating Aids**

- a) A battery heating system **must** be provided.
- b) The battery heating system **must** turn on/off automatically.
- c) A warning indicator **must** be provided to indicate when the battery is at -25 degree C or below.

3.9 **Vehicle Drive**

- a) The vehicle drive shift control must clearly indicate the position of the control under all lighting conditions.
- b) An audible back-up alarm **must** be installed to alert personnel that the vehicle drive is in reverse.

3.10 **Steering**

- a) The steering system **must** include a means to steer the vehicle in the event of loss of power assistance.

3.11 **Wheels, Rims and Tires**

- a) The vehicle **must** be provided with solid drive tires or pneumatic tires.
- b) For each tire size provided, one full-size spare tire assembly **must** be delivered with each vehicle.

3.12 Accessories

- a) Front licence plate holder **must** be provided.
- b) Rear licence plate holder with LED light **must** be provided.
- c) One 5 kg (10 lb) ABC minimum dry chemical fire extinguisher **must** be provided and easily accessible by the operator.
- d) Tow points on the front and rear of the chassis of sufficient rating to recover a loaded vehicle **must** be provided.

3.13 Collision Avoidance System

- a) The vehicle **must** be equipped with active collision avoidance system.
- b) Indicators for the collision avoidance system **must** be visible from the driving position.

3.14 Hydraulic System

- a) The vehicle **must** be equipped with a hydraulic system.
- b) Hydraulic hoses **must** be grouped together and clearly identified.
- c) Hydraulic pressure test gauge with applicable fittings and hoses **must** be provided.

3.15 Electrical System

- a) The vehicle **must** be equipped with a 12-volt or 24-volt electrical system designed to meet all the electrical requirements of the vehicle's components when the vehicle is being operated under the most electrically demanding conditions.

3.16 Lights

- a) The vehicle **must** be equipped with LED lights.
- b) Headlights, clearance lights, turn signals, four-way emergency flashers, tail/stop lights, reflective devices, and associated equipment **must** be provided in accordance with best commercial practice.
- c) Lights **must** be protected from damage with protective cages or recessed mounting.

3.17 Controls

- a) Each control **must** be permanently marked to identify the function, in both English and French or international symbols.
- b) Controls **must** not restrict the operator's field of view.
- c) Control panel lights **must** be provided for adequate lighting for nighttime operations.

3.18 **Instruments**

- a) The OEM standard instrument cluster **must** be provided.
- b) Instruments **must** be metric and visible to the seated operator in all lighting conditions.
- c) An hour-meter with numeric display, which accurately records both battery on time and driver time independently. Battery on time includes idle time when the vehicle is not actively driving. Drive time excludes idle time.
- d) A speedometer **must** be provided.

3.19 **Paint**

- a) The prime coating **must** be a high durability, corrosion resistant type, such as an epoxy.
- b) The vehicle shall be painted using manufacturer's standard commercial paint and procedures.
- c) All metal surfaces **must** be protected.
- d) The colour **must** be high visibility yellow, AMS-STD-595A, number 13507.

3.20 **Retroreflective Tape**

- a) Retroreflective tape **must** be placed on the vehicle to increase visibility on the airfield.

3.21 **Corrosion Protection**

- a) The vehicle **must** be designed and manufactured to prevent galvanic corrosion.
- b) The materials used in the vehicle manufacturing **must** resist damage or deterioration as a result of cleaning with hot or cold water, steam, or detergents.

3.22 **Warning, Markings and Instruction Plates**

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

3.22.1 **Vehicle identification**

- a) The vehicle identification information **must** be permanently affixed in a conspicuous and protected location.
- b) Identification information **must** include manufacturer's name, model number, serial number, and model year.

4. INTEGRATED LOGISTIC SUPPORT (ILS)

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

Element	Format/Medium	Delivered to TA	Supplied with each vehicle/equipment	Reference Paragraph
Set of Manuals	Digital	X	X	4.2
	Paper		X	
Warranty Letter	Digital	X	X	4.3
Data Summary	Digital	X		4.4.1
Photographs	Digital	X		4.4.2
Dimensioned Drawing	Digital	X	X	4.4.3
Special Tool List	Digital	X		4.4.4
Preventive Maintenance Replacement Parts Kit List (PMRPKL)	Digital	X		4.4.5
Recommended Spare parts List (RSPL)	Digital	X		4.4.6
Initial Parts Kit List	Digital	X		4.6

4.2 **Vehicle Manuals**– All manuals required for the description, operation, maintenance and repair of the complete equipment, including subsystems, **must** be provided.

4.2.1 **Operator's Manuals**

- a) The operator's manuals **must** be in both English and French.
- b) The operator's manuals **must** include instructions for the safe operation of the vehicle.
- c) The operator's manuals **must** include daily operator maintenance instructions/checks (including lubrication).
- d) The operator's manuals **must** include safety warnings.
- e) The operator's manuals **must** include hand signals.

4.2.2 **Parts Manual(s)**

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

- b) The parts manual **must** have illustrations showing all components of the vehicle including equipment and accessories from other manufacturers that are supplied to meet the requirements of the contract, with numbers for the itemization of the parts.
- c) The parts manual **must** have a listing for all itemized parts showing the Original Equipment Manufacturers (OEM) part number, the part name and a brief description of the item.
- d) The parts manual **must** cross reference the OEM part number to the correct illustration and item number.
- e) The parts manual **must** have a representation of bilingual warning signs and identification labels delivered on the equipment.

4.2.3 **Maintenance Manuals**

- a) The maintenance manual **must** be both in English and French.
- b) The maintenance manual **must** include the cab and chassis and equipment.
- c) The maintenance manual **must** include a troubleshooting guide, showing the steps and tests required to determine the exact cause of a problem and an explanation of the steps required to correct a problem.
- d) The maintenance manual **must** include a listing of the necessary tolerances, torque levels, fluid volume, and special tools (including item part numbers).
- e) The maintenance manual **must** include information on the order of disassembly and assembly of the systems and components of the vehicle.
- f) The maintenance manual **must** include special tools list as per 4.4.4.

4.2.4 **Manual Delivery to Technical Authority**

- a) Sample manuals **must** be submitted to the Technical Authority (TA) prior to the delivery of the vehicle for each model and or subsystem for approval. Sample manuals will not be returned. TA will provide approval or comments on the manuals within 30 calendar days.
- b) The contractor **must** provide responses to the TA comments.
- c) One (1) complete set of approved manuals (Operator's, Maintenance, and Parts) in electronic format **must** be delivered to the Technical Authority.

4.2.5 **Manual Delivery with Vehicle**

- a) One (1) complete set of manuals (Operator's, Maintenance, and Parts) **must** accompany each vehicle, shipped to each location.
- b) The manuals **must** be in paper and electronic format.

4.2.6 **Electronic Format**

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

4.2.7 **Provisional Manuals**

- a) In the event that approved manuals are not available at the time of delivery of the equipment, manuals marked "Provisional" **must** be supplied with the equipment.
- b) The contractor **must** deliver replacement approved manuals to all destinations where Provisional manuals were delivered.

4.2.8 **Manual Supplements**

- a) The contractor **must** supply manual supplements (Operator's, Maintenance and Parts) to support dealer-installed equipment not covered in the Vehicle Manuals.
- b) Manual supplements **must** be delivered in accordance with 4.2.4 and 4.2.5.

4.2.9 **Changes to Manuals**

- a) During the period of the contract, changes to equipment, which affects the contents of manuals, **must** be reflected in the revision of the electronic and paper version of the manuals.
- b) Changes to the manuals **must** conform to the same format and presentation requirements as the original manuals.
- c) The revised electronic version of the manual **must** be sent to the Technical Authority by the Contractor.
- d) The TA will provide approval or comments on the manuals within 30 calendar days.

4.3 **Warranty Letter**

- a) The warranty letter **must** include a list of all Canadian designated warranty service providers that will honour the warranty for the equipment and attachments (if applicable) procured under this contract, including the contact person and phone number at each warranty service provider.
- b) The warranty letter **must** include additional warranty coverage of subsystems and a copy of the warranty letter from each subsystem's Original Equipment Manufacturer (OEM).
- c) The warranty letter **must** include warranty period as negotiated in the contract.

- d) The warranty letter **must** include Contractor contact information, name and phone number, for warranty support.

4.3.1 **Warranty Letter Delivery**

- a) The Contractor **must** provide a warranty letter in both English and French to the Technical Authority and with each vehicle. If the Technical Authority requires the letter to be in DND format, then they will provide the Contractor a template for the DND acceptable format of the warranty letter.

4.4 **Other ILS Deliverables to Technical Authority**

4.4.1 **Data Summary**

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

4.4.2 **Photographs**

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

4.4.3 **Dimensioned Drawing**

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

4.4.4 **Special Tools List** - The Contractor **must** provide an itemized list of specific special tools required for the servicing and repair of the vehicle and include:

- a) Item name.
- b) Contractor's part number.
- c) Manufacturer's part number (OEM).
- d) Quantity recommended per delivery location.
- e) Unit price.
- f) Unit of issue.

4.4.5 **Preventive Maintenance Replacement Parts Kit List (PMRPKL)** - The contractor **must** provide a list detailing the parts that are required to perform preventive maintenance to the system for a period of 12 months, and include:

- a) Item name.
- b) Contractor's part number.
- c) Manufacturer's part number (OEM).
- d) Manufacturer's NATO Supply code (NCAGE) or name and address.
- e) NSN (NATO Stock Number) (if known).
- f) Quantity per equipment.
- g) Quantity recommended.
- h) Unit price.
- i) Unit of issue.

4.4.6 **Recommended Spare Parts List (RSPL)** - The Contractor **must** provide a list detailing the spare parts deemed necessary to maintain the vehicle for a period of 12 months exclusive of any warranty period, and include:

- a) Item name.
- b) Contractor's part number.
- c) Manufacturer's part number (OEM).
- d) Manufacturer's NATO Supply code (NCAGE) or name and address.
- e) NSN (NATO Stock Number) (if known).
- f) Quantity per equipment.
- g) Quantity recommended.
- h) Unit price.
- i) Unit of issue.

4.5 **Safety Recalls and Servicing Data**

- a) Safety recalls, and manufacturer's technical service bulletins, or **equivalent must** be provided to the technical authority and the final delivery locations on a continuing basis, throughout the life expectancy of the vehicle or for no less than 10 years.

4.6 **Initial Parts Kit**

- a) One initial parts kit **must** be delivered with each vehicle.
- b) Each kit **must** include a complete set of filters and filter elements from the Original Equipment Manufacturer (OEM) required in the first 12 months of service.
- c) One kit per location **must** include the special tools listed in Paragraph 4.3.4.

4.7 **Training**

4.7.1 **Training Deliverables**

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

4.7.2 **Maintenance Training**

- a) The Contractor **must** provide a maintenance training course.
- b) The course **must** be given at the delivery destination and be available in both English and French.
- c) The course **must** have a minimum duration of 8 hours or one (1) day to provide training of up to eight (8) maintenance personnel and have the final dates arranged with the Technical Authority.
- d) The course **must** have a syllabus or course outline and schedule available for review seven (7) days prior to the course commencement date.
- e) After completion of the course, the Contractor **must** have a “*PROOF OF MAINTENANCE TRAINING*” certificate signed by a Canada Representative for the destination. The Technical Authority will supply this document in an electronic format.

4.7.3 **Maintenance Training Curriculum**

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

4.7.4 **Operator Training**

- a) The Contractor **must** provide an operator training course.
- b) The course **must** be given at the delivery destination and be available in both English and French.

- c) The course **must** have minimum duration of 8 hours or one (1) day to provide training for up to eight (8) operators and have the final dates arranged with the Technical Authority.
- d) The course **must** have a syllabus or course outline and schedule available for review seven (7) days prior to the course commencement date.
- e) After completion of the course the Contractor **must** have a “*PROOF OF OPERATOR TRAINING*” certificate signed by a Crown Representative for the destination. The Technical Authority will supply this document in an electronic format.

4.7.5 **Operator Training Curriculum**

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

4.7.6 **Training Materials**

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

Technical Evaluation Matrix (2023-05-05)

TRUCK, AIRCRAFT CARGO LOADING-UNLOADING, 6804 KG (15,000 LBS) CAPACITY ELECTRIC MOTOR DRIVEN

Bidder Information

Bidder Name: _____

Proposal Date: _____

Proposed Make and Model: _____

Technical Mandatory Criteria			
PD Reference	PD Requirement	Bid Evaluation Requirement	Location in Bid Proposal
3.1 b)	Industry Acceptability - The vehicle design must have demonstrated industry acceptability by having been manufactured and sold commercially for at least 2 year, or be manufactured by a company that has at least 5 years' experience in design and manufacturing of a comparable type of equipment of equivalent or greater complexity.	The Bidder must provide client information for industry acceptability and/or experience as specified in the purchase description. Client information must include: - Client name and location - Year completed - List of make(s)/model(s).	
3.8 a)	The vehicle must be electric motor driven.	Substantive Information	
3.8 b)	The vehicle must be provided with an onboard charger.	Substantive Information	

3.8.1 a)	The batteries must be lithium ion.	Substantive Information	
3.13 a)	The vehicle must be equipped with an active collision avoidance system.	Substantive Information	
Proposed Equivalents			
PD Reference	PD Requirement	Bid Evaluation Requirement	Location in Bid Proposal