



National Defence

National Defence Headquarters
Ottawa, Ontario
K1A 0K2

Défense nationale

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

REQUEST FOR PROPOSAL DEMANDE DE PROPOSITION

Proposal To: National Defence Canada

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

Proposition à : Défense nationale Canada

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

Comments - Commentaires

RETURN BIDS TO: RETOURNER LES SOUMISSIONS À :

Bid Receiving - PWGSC - Réception des soumissions - TPSGC
11 Laurier St. - 11 rue Laurier
Place du Portage, Phase III
Core 0B2 - Noyau 0B2
Gatineau, Québec K1A 0S5

Title - Sujet ALL WHEEL DRIVE MOTOR GRADER NIVELEUSE À TRACTION INTÉGRALE	
Solicitation No. N° de l'invitation W8476-206267/A	Date of Solicitation Date de l'invitation 17.03.2020
Address enquiries to: - Adresser toute demande de renseignements à : Bobby Collison Telephone No. - N° de telephone E-Mail Address - Courriel 819-939-6506 bobby.collison@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 :
28.04.2020

Time Zone - Fuseau Horaire :

Eastern Daylight Time (EDT)
Heure avancée de l'Est (HAE)

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PART 1 - GENERAL INFORMATION

1.1 Requirement

- A. The Department of National Defence (DND) has a requirement to procure quantity six (6) x All Wheel Drive Motor Graders for delivery to Canadian Forces Bases in Canada. The requested delivery date **is within 120 days following contract award**. An option for quantity 4 x additional Motor Graders of the same type is included for delivery within Canada to Canadian Forces Bases.
- B. The requirement is detailed under the article entitled Requirement of the resulting contract clauses in Part 6.

1.2 Security Requirements

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

1.3 Debriefings

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

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

- A. All instructions, clauses and conditions identified in this document and any of its attachments by number, date, and title are either:
- (i) Set out in the [Standard Acquisition Clauses and Conditions \(SACC\) Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada; or
 - (ii) Included as attachments.

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

- B. Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.
- C. The [2003](#) (2019-03-04), 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 4, is amended as follows:

Delete: 60 days
Insert: 120 days
 - (iv) Section 20, Further information, subsection 2, is deleted in its entirety.

2.2 Submission of Bids

- A. Bids must be submitted only to Public Works and Government Services Canada (PWGSC) by the date, time, and place indicated on page 1 of the bid solicitation.
- B. Due to the nature of the bid solicitation, bids transmitted by facsimile will not be accepted.
- C. Due to the nature of the bid solicitation, bids transmitted by epost Connect will not be accepted.

2.3 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

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

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

- A. Canada requests that Bidders provide their bid in separate sections as follows:
- Section I: **Technical Bid: 2 hard copy**;
- Section II: Financial Bid: 1 hard copy;
- Section III: Certifications: 1 hard copy; and
- Section IV: Additional Information: 1 hard copy.
- B. Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.
- C. Canada requests that Bidders follow the format instructions described below in the preparation of their bid:
- (i) Use 8.5 x 11 inch (216 mm x 279 mm) paper; and
 - (ii) Use a numbering system that corresponds to the bid solicitation.
- D. In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573) (<https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573>). To assist Canada in reaching its objectives, bidders should:
- (i) Use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
 - (ii) Use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.
- E. 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. Bidders must demonstrate their compliance.

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 Risk Mitigation - Items 6 to 9

- A. The Bidder may request Canada to assume the risks and benefits of **exchange rate fluctuations in regards to Optional Goods - Items 6 to 9**. If the Bidder claims for an exchange rate adjustment, this request must be clearly indicated in the bid at time of bidding. The Bidder must submit form [PWGSC-TPSGC 450 \(http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/formulaires-forms-eng.html#f2\)](http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/formulaires-forms-eng.html#f2), Claim for Exchange Rate Adjustments with its bid, indicating the Foreign Currency Component (FCC) in Canadian dollars for each line item for which an exchange rate adjustment is required.
- B. The FCC is defined as the portion of the price or rate that will be directly affected by exchange rate fluctuations. The FCC should include all related taxes, duties and other costs paid by the Bidder and which are to be included in the adjustment amount.
- C. The total price paid by Canada on each invoice will be adjusted at the time of payment, based on the FCC and the exchange rate fluctuation provision in the contract. The exchange rate adjustment will only be applied where the exchange rate fluctuation is greater than 2% (increase or decrease).
- D. At time of bidding, the Bidder must complete columns (1) to (4) on form [PWGSC-TPSGC 450](http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/formulaires-forms-eng.html#f2), for each line item where they want to invoke the exchange rate fluctuation provision. Where bids are evaluated in Canadian dollars, the dollar values provided in column (3) should also be in Canadian dollars, so that the adjustment amount is in the same currency as the payment.
- E. Alternate rates or calculations proposed by the Bidder will not be accepted for the purposes of this exchange rate fluctuation provision.

3.4 Section III: Certifications

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

3.5 Section IV: Additional Information

A. In Section IV of their bid, bidders should provide:

- (i) A completed, signed, and dated Page 1 of this solicitation, or final amendment, as applicable;
- (ii) The name of the person(s) and associated contact information (title, mailing address, phone number, and e-mail address) authorized by the Bidder to:
 - (a) Enter into communications with Canada with regards to their bid, and any contract that may result from their bid;
 - (b) Coordinate delivery and follow-up; and
 - (c) Provide after sales service, maintenance, warranty repairs, and a full range of repair parts for the vehicle/equipment offered. The Bidder should show the distance between the delivery point and the authorized dealer and/or agent and the delivery point, which should not be more than 150 kilometres;
- (iii) Any other information submitted in the bid not already detailed.

3.5.1 Delivery Date(s)

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

3.5.1.1 Firm Goods and/or Services

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

3.5.1.2 Optional Goods and/or Services

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

3.5.2 Warranty Period

3.5.2.1 Manufacturer's Standard Warranty Period

A. Canada requests that the Bidder provide details of the manufacturer's standard warranty period for the equipment and components that exceeds the minimum warranty period of **24 months or 2000 hours, 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);
- () Wire Transfer (International Only); and

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

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

4.1.1 Technical Evaluation

- A. Mandatory technical evaluation criteria are included in attachment 1 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.

4.1.2.2 Optional Goods and/or Services

- A. The price of the bid will be evaluated in Canadian dollars, Delivered Duty Paid (DDP) Destination (Shipping Costs excluded), Incoterms 2010, Canadian customs duties and excise taxes included, Applicable Taxes excluded.
- B. Extended Warranty Period will not be included in the financial bid evaluation

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

- A. A bid must comply with the requirements of the bid solicitation and meet all mandatory technical evaluation criteria to be declared responsive. The responsive bid with the lowest evaluated price on an aggregated basis will be recommended for award of a contract.

ATTACHMENT 1 TO PART 4 - EVALUATION CRITERIA

See attached document entitled:

“ANNEX C TECHNICAL INFORMATION QUESTIONNAIRE ALL WHEEL DRIVE MOTOR GRADER”.

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 ALL WHEEL DRIVE MOTOR GRADER

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

Annex A – Requirement				Section B – Bidder's Bid		Total
Item	Quantity (A)	Config	Destination	Manufacturer Model	Firm Unit price * (B)	C = A x B
1	1	G1	CFB Trenton 8 WG Trenton Major Equipment Section / 8 Wing Supply 46 Portage Drive, Bldg 162 Trenton, Ontario K0K 3W0			
2	2	G2	CFB Trenton 8 WG Trenton Major Equipment Section / 8 Wing Supply 46 Portage Drive, Bldg 162 Trenton, Ontario K0K 3W0			
3	1	G3	CFB Petawawa Major Equipment Section Petawawa, Ontario K8H 2X3			
4	1	G4	CFB Kingston Major Equipment Section 54 Somme Avenue Bldg C36 Kingston, Ontario K7K 5L0			
5	1	G5	CFB Wainwright 3 CDSB Det Wainwright Building 593, Denwood, AB T0B 1B0			

Total (D = sum C)	\$
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3. Optional Goods and/or Services

3.1 ALL WHEEL DRIVE MOTOR GRADER

A. The Firm Unit Price(s) include(s) associated specifications and deliverables as per Annex A Requirement, Delivered Duty Paid (DDP) Destination (excluding shipping costs from Contractor's Canadian Facility or Contractor's Canadian distribution point to Destination), Incoterms 2010:

Annex A – Requirement				Section B – Bidder's Bid		Total
Item	Quantity (A)	Configuration	Destination	Manufacturer Model	Firm Unit price * (B)	K = A x B
6	1	G1	(to be specified at the time of amendment)			
7	1	G4	(to be specified at the time of amendment)			
8	1	G5	(to be specified at the time of amendment)			
9	1	G5	(to be specified at the time of amendment)			
Total (M = sum K)						\$

3.2 Operator Instruction and Training

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

Item	Language	Quantity of Optional Items (P)	Firm Unit Price (R)	Sub-Total (S = P x R)
10	English	4	\$	\$
Total (T = sum S)				\$

4. Price of the Bid

Grand Total (V = D + M + T)	\$
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5. Extended Warranty Period

If the warranty period is extended for an additional period of _____ months/calendar days, the Contractor will be paid a firm unit price of \$_____ per vehicle/equipment. Applicable Taxes extra.

(Extended Warranty Period will not be included in the financial bid evaluation)

PART 5 - CERTIFICATIONS AND ADDITIONAL INFORMATION

5.1 General

- A. Bidders must provide the required certifications and additional information to be awarded a contract.
- B. The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare a bid non-responsive, or will declare a contractor in default if any certification made by the Bidder is found to be untrue, whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.
- C. The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority will render the bid non-responsive or constitute a default under the Contract.

5.2 Certifications Required with the Bid

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

5.2.1 Integrity Provisions - Declaration of Convicted Offences

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

5.3 Certifications Precedent to Contract Award and Additional Information

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

5.3.1 Integrity Provisions - Required Documentation

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

5.3.2 Federal Contractors Program for Employment Equity - Bid Certification

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

C. FEDERAL CONTRACTORS PROGRAM FOR EMPLOYMENT EQUITY - CERTIFICATION

I, the Bidder, by submitting the present information to the Contracting Authority, certify that the information provided is true as of the date indicated below. The certifications provided to Canada are subject to verification at all times. I understand that Canada will declare a bid non-responsive, or will declare a contractor in default, if a certification is found to be untrue, whether during the bid evaluation period or during the contract period. Canada will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply with any request or requirement imposed by Canada may render the bid non-responsive or constitute a default under the Contract.

For further information on the Federal Contractors Program for Employment Equity visit [Employment and Social Development Canada \(ESDC\)-Labour's](#) website.

Date: _____ (YYYY/MM/DD) (If left blank, the date will be deemed to be the bid solicitation closing date.)

Complete both A and B.

A. Check only one of the following:

- A1. The Bidder certifies having no work force in Canada.
- A2. The Bidder certifies being a public sector employer.
- A3. The Bidder certifies being a federally regulated employer being subject to the Employment Equity Act.
- A4. The Bidder certifies having a combined work force in Canada of less than 100 employees (combined work force includes: permanent full-time, permanent part-time and temporary employees [temporary employees only includes those who have worked 12 weeks or more during a calendar year and who are not full-time students]).

A5. The Bidder has a combined workforce in Canada of 100 or more employees; and

- A5.1. The Bidder certifies already having a valid and current Agreement to Implement Employment Equity (AIEE) in place with ESDC-Labour.

OR

- A5.2. The Bidder certifies having submitted the Agreement to Implement Employment Equity (LAB1168) to ESDC-Labour. As this is a condition to contract award, proceed to completing the form Agreement to Implement Employment Equity (LAB1168), duly signing it, and transmit it to ESDC-Labour.

B. Check only one of the following:

- B1. The Bidder is not a Joint Venture.

OR

- B2. The Bidder is a Joint Venture and each member of the Joint Venture must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification. (Refer to the Joint Venture section of the Standard Instructions)

5.3.4 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

PART 6 - RESULTING CONTRACT CLAUSES

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

6.1 Security Requirements

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

6.2 Requirement

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

6.2.1 Technical Changes, Substitutes, and Alternatives

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

6.2.2 Optional Goods and/or Services

- A. The Contractor grants to Canada the irrevocable option to acquire the goods, services, or both described at Annex A, Requirement and Annex B, Basis of Payment, of the Contract under the same conditions and at the prices and/or rates stated in the Contract. The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.
- B. Upon request, the Contractor must submit a quote for the Shipping Costs of Optional Goods, in the quantity and to the destination(s) specified by the Contracting Authority. Canada reserves the right to negotiate this price.
- C. The Contracting Authority may exercise the option within **16 months** after contract award by sending a written notice to the Contractor.
- D. The option may be exercised in whole or in part or in more than one occasion, up to the maximum quantity identified in Annex B, Basis of Payment.
- E. The Contractor must advise the Technical Authority and Contracting Authority of any design updates that could affect the procurement of additional vehicles/equipment.

6.3 Standard Clauses and Conditions

- A. All clauses and conditions identified in the Contract by number, date and title are set out in the *[Standard Acquisition Clauses and Conditions \(SACC\) Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual)* (<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 (2018-06-21), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract, with the following modification:

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

"Canada", "Crown", "Her Majesty" or "the Government"
means Her Majesty the Queen in right of Canada as represented by the Minister of National Defence and any other person duly authorized to act on behalf of that minister.

- (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 [time period to be detailed in the resulting contract], or [operation period to be detailed in the resulting contract] of usage, whichever comes first, after delivery and acceptance of the Work or the length of the Contractor's or manufacturer's standard warranty period, whichever is longer.
2. The Contractor must pay the transportation cost associated with returning the Work or any part of the Work to the Contractor's plant for replacement, repair or making good. The Contractor must also pay the transportation cost associated with forwarding the replacement or returning the Work or part of the Work when rectified to the delivery point specified in the Contract or to another location as directed by Canada. If, in the opinion of Canada, it is not expedient to remove the Work from its location, the Contractor must carry out any necessary repair or making good of the Work at that location. In such cases, the Contractor will be responsible for all Costs (including travel and living expenses) incurred in so doing, Canada will not reimburse these Costs.

All other provisions of the warranty section remain in effect.

6.3.2 Use and Translation of Written Material

- A. Unless provided otherwise in the Contract, copyright in any written material used, produced or delivered under the Contract belongs to its author or rightful owner. Canada has the right to use, copy and disclose, for government purposes, the written material related to the Work that is delivered to Canada.
- B. If the Contract does not require the delivery of any written material in both of Canada's official languages, Canada may translate the written material into the other official language. The Contractor acknowledges that Canada owns the rights on the translation and that Canada is under no obligation to provide the translation to the Contractor. Canada agrees that any translation must include any copyright and any proprietary right notice that was part of the original. Canada acknowledges that the Contractor is not responsible for any technical errors or other problems that may arise as a result of the translation.

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: Bobby Collison
Title: Procurement Officer
Position: DLP 5-3-4-5
Address: Department of National Defence Headquarters
101 Colonel By Drive
Ottawa, Ontario, K1A 0K2
Telephone: 819-939-6506
E-mail: bobby.collison@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: _____
Address: _____

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 Contractor's Representative

[Contact information to be detailed in the resulting contract]

Name: _____
Title: _____
Address: _____

Telephone: _____
E-mail: _____

6.5.4 After Sales Service

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

Name: _____
Address: _____
Telephone No.: _____

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

Name: _____
Address: _____
Telephone No.: _____

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

Name: _____
Address: _____
Telephone No.: _____

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

Name: _____
Address: _____
Telephone No.: _____

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. Customs duties are included and Applicable Taxes are extra.
- B. The price paid will be adjusted in accordance with the exchange rate fluctuation provision (as applicable).

6.6.1.2 Cost reimbursable – Limitation of expenditure

- A. For the Work described in the Basis of Payment at Annex B, for Travel and Living Expenses and Shipping Costs:
 - (i) The Contractor will be paid for its costs reasonably and properly incurred in the performance of the Work in accordance with the Basis of payment in Annex B, to a limitation of expenditure of **\$[amount to be detailed in the resulting contract amendment]**. Customs duties are included and Applicable Taxes are extra.

6.6.2 Limitation of Price

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

6.6.3 Method of Payment

6.6.3.1 Multiple Payments

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

6.6.3.2 Exchange rate fluctuation adjustment – Item 6-9

The foreign currency component (FCC) is defined as the portion of the price or rate that will be directly affected by exchange rate fluctuation. The FCC should include all related taxes, duties and other costs paid by the Bidder and which are to be included in the adjustment amount. For each line item where a FCC is identified, Canada assumes the risks and benefits for exchange rate fluctuation, as shown in the Basis of Payment. For such items, the exchange rate fluctuation amount is determined in accordance with the provision of this clause.

The total price paid by Canada on each invoice will be adjusted at the time of payment. The exchange rate adjustment amount will be calculated in accordance with the following formula:

$$\text{Exchange rate adjustment} = \text{FCC} \times \text{Qty} \times (i1 - i0) / i0$$

where formula variables correspond to:

FCC
Foreign currency component (per unit)


Qty
Quantity of units


i0
Initial exchange rate (CAN\$ per unit of foreign currency [for example US\$1]). The initial exchange rate is set as the Bank of Canada rate on the solicitation closing date. The Bank of Canada publishes its rates each business day by 16:30 Eastern Time.

i1
Exchange rate for adjustments (ERA) (CAN\$ per unit of foreign currency [for example US\$1]). The Bank of Canada publishes its rates each business day by 16:30 Eastern Time. The ERA for goods will be the Bank of Canada rate on the date the goods were delivered.

The ERA for services will be the Bank of Canada rate on the last business day of the month for which the services were performed.

The ERA for advance payments will be the Bank of Canada rate on the last business day prior to the payment. The last published business day rate will be used for non-business days.

The Contractor must indicate the total exchange rate adjustment amounts (whether they are upward, downward or present no change) as a separate item on each invoice or claim for payment submitted under the Contract. Where an adjustment applies, the Contractor must submit with their invoice form PWGSC TPSGC 450 , Claim for Exchange Rate Adjustments.

The exchange rate adjustment will only impact the payment to be made by Canada where the exchange rate fluctuation is greater than 2% (increase or decrease), calculated in accordance with column 8 of form PWGSC-TPSGC 450  (that is $[i1 - i0] / i0$).

Canada reserves the right to audit any revision to costs and prices under this clause.

6.6.4 Electronic Payment of Invoices

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

[List to be updated in the resulting contract]

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

6.7 Invoicing

6.7.1 Invoicing Instructions

- A. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
- B. Each invoice must contain or be supported by:
- (i) The serial number(s) or a copy of the New Vehicle Information Statement (NVIS) containing the Vehicle Identification Number (VIN), as applicable; and,
 - (ii) A copy of proof(s) of training.
 - (iii) Original copies of the invoices, receipts, vouchers for all direct expenses, and all travel and living expenses;
 - (iv) A copy of invoices or receipts for Shipping Costs;
- C. Invoices must be distributed as follows:
- (i) The original and 1 copy must be forwarded to the following address for certification and payment:

National Defence Headquarters (NDHQ)
Department of National Defence (DND)
101 Colonel By Drive
Ottawa, Ontario K1A 0K2
c/o: [organization to be detailed in the resulting contract]
attn: [name to be detailed in the resulting contract]
 - (ii) For invoices not claiming any Travel and Living costs, the Contractor may provide, in lieu of a hard copy, a .pdf copy of the original invoice along with any required supporting documentation to the Contracting Authority at:

[Invoice e-mail destination address to be specified in the resulting contract]
 - (iii) 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 1 - 9 as per Annex B.
- B. Applicable Taxes must be calculated on the total amount of the claim before the holdback is applied. At the time the holdback is claimed, there will be no Applicable Taxes payable as it was claimed and payable under the previous invoice.
- C. Release of the 10% holdback is conditional upon receipt and certified acceptance of all Work under this Contract.
- D. Invoicing instructions for the holdback are as detailed in the clause entitled "Invoicing Instructions".

6.8 Certifications and Additional Information

6.8.1 Compliance

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

6.9 Applicable Laws

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

6.10 Priority of Documents

- A. (i) The Articles of Agreement;
- (ii) The General Conditions 2010A (2018-06-21), General Conditions - Goods (Medium Complexity);
- (iii) Annex A, Requirement;
- (iv) Annex B, Basis of Payment;
- (v) the Contractor's bid dated [date to be specified in the resulting contract], as clarified on [date to be specified in the resulting contract, if required], and as amended on [date to be specified in the resulting contract, if required].

6.11 Defence Contract

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

6.12 Insurance - No Specific Requirement

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

6.13 Inspection and Acceptance

- A. The Technical Authority is the Inspection Authority. All reports, deliverable items, documents, goods and all services rendered under the Contract are subject to inspection by the Inspection Authority or representative. Should any report, document, good or service not be in accordance with the requirements of the Requirement and to the satisfaction of the Inspection Authority, as submitted, the Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

6.14 Post-Contract Award Meeting

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

6.15 Procedures for Design Change or Additional Work

- A. These procedures must be followed for any design change or additional work.
- B. When Canada requests design change or additional work:
- (i) The Technical Authority will provide the Contracting Authority with a description of the design change or additional work in sufficient detail to allow the Contractor to provide the following information:
 - (a) Any impact of the design change or additional work on the requirement of the Contract;
 - (b) A price breakdown of the cost (increase or decrease) associated with the implementation of the design change or the performance of the additional work using either the form [PWGSC-TPSGC 1686 \(http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/1686-eng.html\)](http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/1686-eng.html), Quotation for Design Change or Additional Work, or the form [PWGSC-TPSGC 1379 \(http://publiservice-app.pwgsc.gc.ca/forms/pdf/1379.pdf\)](http://publiservice-app.pwgsc.gc.ca/forms/pdf/1379.pdf), Work Arising or New Work; and
 - (c) A schedule to implement the design change or to perform the additional work and the impact on the contract delivery schedule;
 - (ii) The Contracting Authority will then forward this information to the Contractor; and
 - (iii) The Contractor will return the completed form to the Contracting Authority for evaluation and negotiation. Once agreement has been reached, the form must be signed by all parties in the appropriate signature blocks. This constitutes the written authorization for the Contractor to proceed with the work, and the Contract will be amended accordingly.
- C. When the Contractor requests design change or additional work:
- (i) The Contractor must provide the Contracting Authority with a request for design change or additional work in sufficient detail for review by Canada;
 - (ii) The Contracting Authority will forward the request to the Technical Authority for review;
 - (iii) If Canada agrees that a design change or additional work is required, then the procedures detailed in paragraph 1 are to be followed; and
 - (iv) The Contracting Authority will inform the Contractor in writing if Canada determines that the design change or additional work is not required.
- D. The Contractor must not proceed with any design change or additional work without the written authorization of the Contracting Authority. Any work performed without the Contracting Authority's written authorization will be considered outside the scope of the Contract and no payment will be made for such work.

6.16 Quality Management Systems - Requirements (Quality Assurance Code C)

- A. The Contractor is responsible for implementing a quality system appropriate to the scope of the work to be performed. It is recommended that the quality system be based on *ISO 9001:2008 "Quality management systems - Requirements."*
- B. 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 drawings, specifications and the requirements of the contract. The Contractor must keep accurate and complete inspection records which must, upon request, be made available to the authorized Department of National Defence (DND) representative, who may make copies and take extracts during the performance of the Contract and for a period of 1 year after the completion of the Contract.
- C. Despite the above, all materiel is subject to verification and acceptance by DND at destination. The authorized DND representative at destination may either be the consignee(s), the Technical Authority, or the Quality Assurance Authority.

6.17 Material

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

6.18 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.

6.19 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.

6.20 Recall Notices

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

6.21 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.

6.22 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.

6.23 Delivery of Dangerous Goods/Hazardous Products

- A. The Contractor must mark dangerous goods/hazardous products which are classed as dangerous/hazardous as follows:
- (i) shipping container - in accordance with the [Transportation of Dangerous Goods Act](http://laws-lois.justice.gc.ca/eng/acts/T-19.01/), 1992, c. 34 (<http://laws-lois.justice.gc.ca/eng/acts/T-19.01/>); and
 - (ii) immediate product container - in accordance with the [Hazardous Products Act](http://laws-lois.justice.gc.ca/eng/acts/H-3/), R.S., 1985, c. H-3 (<http://laws-lois.justice.gc.ca/eng/acts/H-3/>).
- B. The Contractor must provide bilingual Safety Data Sheets, indicating the NATO Stock Number as follows:
- (i) 2 hard copies:
 - (a) 1 copy to be enclosed with the shipment, and
 - (b) 1 copy to be mailed to:

National Defence Headquarters
MGen George R. Pearkes Building
101 Colonel By Drive
Ottawa, Ontario K1A 0K2
Attention: DSCO 5-4-2
 - (ii) 1 copy sent in any electronic format to the following address: MSDS-FS@FORCES.GC.CA.
- C. The Contractor will be responsible for any damages caused by improper packaging, labelling or carriage of dangerous goods/hazardous products.
- D. The Contractor must ensure they adhere to all levels of regulations regarding dangerous goods/hazardous products as set forth by federal, provincial, and municipal laws and by-laws.
- E. The Contractor must contact the consignee (i.e. Supply Depot Traffic Section) at least 48 hours before shipping dangerous goods/hazardous products in order to schedule a receiving time.

6.24 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.

6.25 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.

6.26 Incomplete Assemblies

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

6.27 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.

6.28 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.

6.29 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.

6.30 Dispute Resolution Services

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

ANNEX A - REQUIREMENT

See attached document(s) entitled:

“ANNEX B PURCHASE DESCRIPTION ALL WHEEL DRIVE MOTOR GRADER”

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 ALL WHEEL DRIVE MOTOR GRADER

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

Item	Destination	Information	Delivery Date	Configuration	Quantity Required	Firm Unit Price
1	Canadian Forces Base Trenton 8 WG Trenton Major Equipment Section 8 Wing Supply Trenton 46 Portage Drive, Bldg 162 Trenton, Ontario K0K 3W0	Contact at destination to be identified	[Date to be detailed in the resulting contract]	G1	1	[\$(Cost to be detailed in the resulting contract)]
2	Canadian Forces Base Trenton 8 WG Trenton Major Equipment Section 8 Wing Supply Trenton 46 Portage Drive, Bldg 162 Trenton, Ontario K0K 3W0	Contact at destination to be identified	[Date to be detailed in the resulting contract]	G2	2	[\$(Cost to be detailed in the resulting contract)]
3	CFB Petawawa Major Equipment Section Petawawa, Ontario K8H 2X3	Contact at destination to be identified	[Date to be detailed in the resulting contract]	G3	1	[\$(Cost to be detailed in the resulting contract)]
4	CFB Kingston Major Equipment Section 54 Somme Avenue Bldg C36 Kingston, Ontario K7K 5L0	Contact at destination to be identified	[Date to be detailed in the resulting contract]	G4	1	[\$(Cost to be detailed in the resulting contract)]
5	CFB Wainwright Major Equipment Section 3 CDSB Det Wainwright Building 593, Denwood, AB T0B 1B0	Contact at destination to be identified	[Date to be detailed in the resulting contract]	G5	1	[\$(Cost to be detailed in the resulting contract)]

3. Optional Goods and/or Services

3.1 ALL WHEEL DRIVE MOTOR GRADER

- A. The Firm Unit Price(s) include(s) associated specifications and deliverables as per Annex A, Requirement, Delivered Duty Paid (DDP) destination (Contractor's Canadian Facility or Contractor's Canadian distribution point), Incoterms 2010:
- B. The Contractor will be reimbursed for the actual shipping costs of the following Item(s) to the specified Destination(s) without any allowance for profit and/or administrative overhead:

Item	Configuration	Delivery Point	Information	Delivery Date	Quantity Required	Firm Unit Price
6	G1	(To Be Confirmed)	Contact at destination to be identified	[Date to be detailed in the resulting contract]	1	[\$[Cost to be detailed in the resulting contract]
7	G4	(To Be Confirmed)	Contact at destination to be identified	[Date to be detailed in the resulting contract]	1	[\$[Cost to be detailed in the resulting contract]
8	G5	(To Be Confirmed)	Contact at destination to be identified	[Date to be detailed in the resulting contract]	1	[\$[Cost to be detailed in the resulting contract]
9	G5	(To Be Confirmed)	Contact at destination to be identified	[Date to be detailed in the resulting contract]	1	[\$[Cost to be detailed in the resulting contract]

3.2 Shipping Costs for optional goods

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

Item	Delivery Point	Quantity and Type of Optional Items	Firm Unit Price
6A	[Canadian location to be specified at the time of amendment]	Quantity [number of items to be inserted at the time of amendment] of Item(s) [reference number(s) to be inserted at the time of amendment]	[\$[Cost to be detailed at the time of amendment]
7A	[Canadian location to be specified at the time of amendment]	Quantity [number of items to be inserted at the time of amendment] of Item(s) [reference number(s) to be inserted at the time of amendment]	[\$[Cost to be detailed at the time of amendment]
8A	[Canadian location to be specified at the time of amendment]	Quantity [number of items to be inserted at the time of amendment] of Item(s) [reference number(s) to be inserted at the time of amendment]	[\$[Cost to be detailed at the time of amendment]
9A	[Canadian location to be specified at the time of amendment]	Quantity [number of items to be inserted at the time of amendment] of Item(s) [reference number(s) to be inserted at the time of amendment]	[\$[Cost to be detailed at the time of amendment]

3.3 Operator Instruction and Training

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

Item	Language	Optional Quantities	Firm Unit Price
10	English	4	\$(Cost to be detailed in the resulting contract)

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

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

3.5 Extended Warranty Period

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



NOTICE

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

AVIS

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

ANNEX C
TECHNICAL INFORMATION QUESTIONNAIRE
ALL WHEEL DRIVE MOTOR GRADER

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

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

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

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

BIDDER INFORMATION

Bidder Name: _____

Address: _____

Proposal Date: _____

Substitutes/Alternatives

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

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

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ALL WHEEL DRIVE MOTOR GRADER				
PD Reference	Requirement	Substantial Information required	Value	Location of Substantial Information in Bid Proposal
3.4 (a)	The vehicle must be an all-wheel drive motor grader.	Vehicle Make		Provide brochure or specification document.
		Vehicle Model		
3.4 (b)	The vehicle must have a first gear engine power rating, evaluated with the all-wheel drive engaged, of at least 150 kW.	Power	kW	
3.4 (c)	<p>The vehicle must have a blade pull, evaluated with weight on all six tires, at the vehicle typical operating weight and coefficient of traction measuring 0.9, of at least 170 kN.</p> <p><u>Blade Pull Calculation</u></p> <p>Typical Operating Weight on all Tires (Op Wt) = _____ kg.</p> <p>Information found in document Page:_____.</p> <p>Coefficient of Traction = .9</p> <p>Blade Pull = Op Wt (kg) x .9 x .0098 (kN/kg)</p> <p>= _____ kg x .9 x .0098 kN/kg</p> <p>= _____ kN</p>	Blade Pull	kN	
3.5 (i)	<p><u>Front Lift Group</u></p> <p>A front lift group must be provided.</p> <p>The front lift group must be compatible with all front attachments provided with the vehicle, except the front push block.</p>	Substantial Information		Provide brochure or specification document.
3.5 (k)	<p><u>Windrow Eliminator.</u></p> <p>A rear windrow eliminator must be provided which will work in conjunction with the moldboard to allow single pass grading of road shoulders</p>	Substantial Information		Provide brochure or specification document.
3.5 (l)	<p><u>Rear Mounted Roller Compactor</u></p> <p>A smooth tire roller compactor which mounts to rear of vehicle</p>	Substantial Information		Provide brochure or specification document.

ALL WHEEL DRIVE MOTOR GRADER				
	<p><i>must</i> be provided.</p> <p>The compactor <i>must</i> have a raised secure transport position for when the compactor is not in use.</p> <p>The compactor <i>must</i> have a compacting width of at least 2,250mm.</p>			

DEFINITION

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

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



NOTICE

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

AVIS

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

ANNEX B
PURCHASE DESCRIPTION
ALL WHEEL DRIVE MOTOR GRADER

1. SCOPE

1.1 **Scope.** This purchase description covers the requirements for motor graders.

1.2 **Instructions**

- (a) Requirements that are identified by the word “**must**”, **must** be treated as mandatory. Deviations will not be permitted.
- (b) Requirements identified with a “will” define actions to be performed by Canada and require no action/obligation on the Contractor’s part.
- (c) Where “**must**” or “will” are not used, the information provided is for guidance only.
- (d) Where a standard is specified and the Contractor has offered an **Equivalent**, that **Equivalent** standard **must** be supplied by the Contractor.
- (e) Where a technical certification is referred to in this Purchase Description, a copy of the certification or **Equivalent must** be supplied, when requested by the **Technical Authority**.
- (f) While the International System of Units (SI) **must** be used as the primary system of measurement to define requirements of this Purchase Description, both the SI system and the standard system for this product may be indicated. Conversion from one system of measurement to the other may not be exact.
- (g) Dimensions stated as nominal **must** be treated as approximate dimensions. Nominal dimensions reflect a method by which materials or products are generally identified for sale commercially, but that differ from the actual dimensions.

1.3 **Definitions**

- (a) “**Provided**” means “provided and installed”.
- (b) “**Equivalent**” means a standard, means, or component type that the **Technical Authority** has approved for this requirement as meeting the specified requirements for fit, form, function and performance.
- (c) “**Commercially Equipped**” means that the vehicle is provided in its standard commercial configuration with no additional government-specified requirements.
- (d) “**Bilingual**” means both official languages; English and French.

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1.4 **Attachment, Equipment and Feature Table.** The following table indicates, with "✓", for each configuration the attachments, equipment or features which **must** be provided.

ATTACHMENT/FEATURE	CLAUSE	G1	G2	G3	G4	G5
12 Foot Moldboard	3.5 (d) i 1.				✓	
14 Foot Moldboard	3.5 (d) i 2.	✓	✓	✓		✓
12 Foot Plow Wing	3.5 (e)	✓	✓	✓	✓	✓
Mid-Mount Scarifier	3.5 (f)	✓		✓	✓	
Rear Ripper	3.5 (g)		✓			
Front Push Block	3.5 (h)	✓	✓	✓		✓
Front Lift Group	3.5 (i)				✓	
Angle Blade	3.5 (j)				✓	
Windrow Eliminator	3.5 (k)		✓			
Roller Compactor	3.5 (l)			✓		
Severe Cold Weather Lubricants	3.18 (d)		✓			

2. APPLICABLE DOCUMENTS

2.1 **Government Furnished Documents.** NOT APPLICABLE

2.2 **Other Publications.** Canada will not supply reference documents. Effective documents are those in effect on the date of the manufacture of the vehicle. Information on the organization is supplied below.

- (a) Hazardous Products Act
Government of Canada / Department of Justice
<http://laws-lois.justice.gc.ca/eng/acts/H-3/>
- (b) International Organization for Standardization (ISO)
ISO Central Secretariat
Chemin de Blandonnet 8
CP 401
1214 Vernier, Geneva
Switzerland
<http://www.iso.org/iso/home.htm>
- (c) SAE Standards
SAE World Headquarters
400 Commonwealth Dr.,
Warrendale, PA, 15096-0001
<http://www.sae.org>

3. REQUIREMENTS

3.1 **Standard Design**

- (a) The vehicle **must** be the latest model from a manufacturer who has demonstrated acceptability by selling, in North America, this type and size class of vehicle for at least three (3) years.
- (b) The vehicle **must** include all components, equipment and accessories normally supplied for this application, although they may not be specifically described in this Purchase Description.
- (c) The vehicle **must** have engineering certification available, upon request, for this application, from the original manufacturers of the major equipment, systems and assemblies.

- (d) The vehicle **must** conform to all applicable laws, regulations and industrial standards in effect in Canada at the time of manufacture. The regulatory areas may include but are not necessarily limited to manufacturing, health and safety, noise levels, environment and emissions.
- (e) The vehicle and accessories **must** operate in accordance with all original equipment manufacturers' (OEM) rated capacities and performance specifications.

3.2 **Operating Conditions**

3.2.1 **Weather**. The vehicle **must** operate under the extremes of weather conditions found in Canada in temperatures ranging from -35° to 40°C.

3.2.3 **Terrain**. The vehicle **must** propel itself in the forward and reverse directions during on-road and off-road operations (e.g. construction sites, open fields and dirt tracks) during all seasons, in all-weather conditions.

3.3 **Safety Standards**

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

3.4 **Performance**

- (a) The vehicle **must** be an all-wheel drive motor grader.
- (b) The vehicle **must** have a first gear engine power rating, evaluated with the all-wheel drive engaged, of at least 150 kW.
- (c) The vehicle **must** have a blade pull, evaluated with weight on all six tires, at the vehicle typical operating weight and coefficient of traction measuring 0.9, of at least 170 kN.
Blade Pull (kN) = typical Operating Weight on all Tires (kg) x .9 x .0098 (kN/kg).

3.5 **Equipment and Attachments**

- (a) **Fenders**. The vehicle **must** be equipped with front and rear wheel fenders.
- (b) **License Plate Holder**. The vehicle **must** be equipped with a front and rear mounted license plate holder.
- (c) **Protection against Vandalism**. The vehicle **must** have vandal protection measures including provisions for locking the engine covers and cab.
- (d) **Moldboard**
 - i A circle with a moldboard (blade), designed to give a rolling tumble to the materials, **must** be provided
 - ii The circle with moldboard **must** have a power actuated blade tilt and side shift
 - iii The moldboard **must** have one or more bolt-on replaceable cutting edges.
 - iv A moldboard float control **must** be provided.
 - v **Moldboard Width (only one will apply depending on the size requested)**
 - 1. **12 Foot Moldboard**. The 12 foot moldboard **must** have a blade width of no less than 3,450 mm and no more than 3,860 mm.
 - 2. **14 Foot Moldboard**. The 14 foot moldboard **must** have a blade width of no less than 4,060 mm and no more than 4,450 mm.

- (e) **12 Foot Plow Wing**
 - i A hydraulically actuated 12 Foot Plow Wing, mounted on the right side of the vehicle, **must** be provided.
 - ii The 12 Foot Plow Wing **must** include a mounting framework and in-cab controls.
 - iii The 12 Foot Plow Wing moldboard **must** have a width of no less than 3,450 mm and no more than 3,860 mm.
 - iv LED lights to illuminate the plow wing **must** be provided.
 - v The plow wing **must** be equipped with a float control.
 - vi The plow wing **must** have one or more bolt-on replaceable cutting edges.
- (f) **Mid-Mount Scarifier**
 - i A "V" type mid-mount scarifier **must** be provided.
 - ii The mid-mount scarifier **must** have least 11 teeth.
- (g) **Rear Ripper**
 - i A rear ripper **must** be provided.
 - ii The rear ripper **must** have least 5 teeth.
- (h) **Front Push Block**. A front push block **must** be provided.
- (i) **Front Lift Group**
 - i A front lift group **must** be provided.
 - ii The front lift group **must** be compatible with all front attachments provided with the vehicle, except the front push block.
- (j) **Angle Blade**
 - i A front mounted angling blade **must** be provided.
 - ii The dozing path, with the blade angled, **must** exceed the width of the tractor with the widest tires.
 - iii The front angling blade **must** be controlled from the operator's station.
 - iv The front angling blade **must** articulate to the left and right at least 25 degrees.
 - v The front angling blade **must** be equipped with bolt-on replaceable cutting edges.
- (k) **Windrow Eliminator**. A rear windrow eliminator **must** be provided which will work in conjunction with the moldboard to allow single pass grading of road shoulders.
- (l) **Rear Mounted Roller Compactor**
 - i A smooth tire roller compactor which mounts to rear of vehicle **must** be provided.
 - ii The compactor **must** have a raised secure transport position for when the compactor is not in use.
 - iii The compactor **must** have a compacting width of at least 2,250mm.

3.6 **Operator Station**

3.6.1 **ROPS Cab**

- i The vehicle **must** be provided with a ROPS cab incorporating a certified Roll Over Protective Structure (ROPS).
- ii ROPS certification **must** satisfy ISO 3471 or **equivalent**.

- iii The ROPS cab **must** be weatherproof, pressurized and insulated.
- iv The ROPS cab **must** be provided with a heating system with ventilation and defrosting systems to keep windows free from frost and moisture.
- v The ROPS cab **must** be provided with safety glass in the windows.
- vi The ROPS cab **must** be provided with windshield wipers and washer system.
- vii The ROPS cab **must** be provided with two lockable doors, or one door and at least one visibly labelled window as an emergency escape route.

(b) **Suspension Seat**

- i The vehicle **must** be provided with a cloth covered padded air suspension seat with backrest.
- ii The seat **must** be provided with seat belts conforming, as a minimum, to SAE J386 or **Equivalent**
- iii The seat **must** be provided with fore/aft and vertically adjustment without the operator having to move from a seated position.

(c) **Air Conditioner**. The vehicle **must** be provided with an air conditioning system.

(d) **Radio**

- i An AM/FM radio **must** be provided.
- ii The radio **must** be blue-tooth equipped.
- iii The radio **must** turn off automatically when the vehicle is turned off.

(e) **Mirrors**

- i The vehicle **must** be provided with adjustable rear-view mirrors positioned for safe reverse operation.
- ii The rear view mirrors **must** include exterior mirrors on both sides of the vehicle.
- iii Exterior mirrors **must** be provided with a heating system.
- iv Mirror heating **must** be activated by an in-cab control.

(f) **Rear Vision System**. A rear vision system, consisting of a rear-facing camera and a monitor in the cab **must** be provided.

3.7 **Articulation**. The vehicle **must** articulate to both sides.

3.8 **Engine**. The manufacturer's standard diesel engine **must** be provided.

3.8.1 **Engine Cold Weather Aids**

- (a) The engine **must** be provided with cold weather aids to enable the engine (operating with winter grade fuels/oils) to be started at temperatures down to -35° C.
- (b) The engine **must** have one of the following systems: ether injection, glow plug(s), intake air preheat or **Equivalent**.
- (c) A heated fuel filter/water separator **must** be provided to preheat diesel fuel prior to starting.
- (d) One or more 110-Volt engine heaters that have a capacity as recommended by the engine manufacturer or conforming to SAE J1310 **must** be provided.
- (e) The engine **must** be provided with one or more 110-volt battery heaters that have a wattage matched to battery size to prevent battery damage due to overheating.

- (f) External electrical power for engine and battery heaters **must** be cover-protected plug(s), accessible by an operator standing beside the vehicle.
- (g) The external plug(s) **must** include or be accompanied by a light to indicate when power is being supplied to the 110 Volt components.
- (h) **Fuel-Fired Pre-Heater**
 - i An Original Equipment Manufacturer approved fuel-fired engine coolant preheat system **must** be provided.
 - ii The fuel-fired pre-heater **must** be provided with a programmable timer.
 - iii The fuel-fired pre-heater **must** draw its fuel from the vehicle fuel tank and operate without power from outside the vehicle.

3.9 **Transmission**

- (a) The vehicle **must** be provided with a continuous power transmission such as a power shift, power shuttle or hydrostatic transmission.
- (b) **Front Wheel Drive System**
 - i A driver selected front wheel drive system **must** be provided.
 - ii The front wheel drive system **must** have a device to provide full disengagement or over-riding of drive motors for rear tandem drive operations and be freewheeling for road travel.

3.10 **Brake System**. Commercially equipped.

3.11 **Steering**. Commercially equipped.

3.12 **Tires**

- (a) 14.00R24 tires with G-2 treads **must** be provided.
- (b) Winter tires **must** be provided.
- (c) The winter tires **must** be Michelin “X Snoplus” or **Equivalent**

3.13 **Controls**. Controls **must** be the joystick type, instead of conventional steering wheel and lever controls.

3.14 **Instruments**. Commercially equipped.

3.15 **Electrical System**. Commercially equipped.

3.15.1 **Battery Solar Charger**

- (a) A Battery Solar Charging System **must** be provided.
- (b) The Battery Solar Charging System **must** be equivalent to NSN 6130-01-487-0035.
- (c) The solar charger panel **must** be mounted on an angle of between 10 and 15 degrees in a protected location.

3.16 **Lighting**

- (a) The vehicle **must** be equipped with the manufacturer’s standard lighting package.
- (b) **Amber Coloured Beacon**
 - i An amber-coloured omni-directional beacon or **Equivalent must** be provided.
 - ii The beacon **must** be mounted so as to provide maximum visibility over 360 degrees.
 - iii The beacon **must** be LED or **Equivalent**.

- (c) **Work Lights**
 - i The lighting package **must** include work lights to illuminate to the front and rear of the vehicle.
 - ii The work lights **must** be activated by a separate dashboard switch.
 - iii The work lights **must** be LED or **Equivalent**.
 - (d) **Moldboard Lights**. Lights to illuminate the moldboard **must** be provided.
- 3.17 **Hydraulic System**. Commercially equipped.
- 3.18 **Lubricants and Hydraulic Fluids**
- (a) Manufacturer's standard synthetic non-proprietary lubricants and hydraulic fluids **must** be provided.
 - (b) Lubrication fittings **must** conform to SAE J534 or an **Equivalent** North American Standard.
 - (c) A service label, visible from the operator's seat, indicating the types of fluid and viscosity delivered with the vehicle **must** be provided.
 - (d) **Severe Cold Weather Lubricants and Hydraulic Fluids**. The vehicle (engine, transmission, differentials), attachments and accessories **must** be provided with original equipment manufacturer recommended synthetic non-proprietary severe cold weather lubricants and hydraulic fluids.
 - (e) **Automatic Greasing System**
 - i The vehicle **must** be equipped with an automatic greasing system.
 - ii The system **must** automatically provide grease to all greasing points recommended by the vehicle manufacturer including the quick coupler greasing points.
 - iii The grease provided to the greasing points **must** be metered in accordance with the vehicle manufacturer's specifications.
 - iv The system **must** include an in-cab tell-tale light indicating that the system is functioning and a low grease level alarm.
- 3.19 **Labels**. All written warning and instruction labels **must** be in English and French.
- 3.20 **Vehicle Delivery Condition**
- (a) If the vehicle requires assembly at destination, the contractor **must** be responsible for all manpower and equipment to perform assembly.
 - (b) The space for assembly at destination will be provided, if required.
 - (c) Fuel tank(s) **must** be half to three quarters full on delivery.
 - (d) Lubricants installed in the vehicle at time of delivery **must** be suitable for the destination and the season of delivery.

4. INTEGRATED LOGISTICS SUPPORT (ILS)

4.1 Deliverables

4.1.1 General Requirements

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

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

Element	Format/ Medium	Delivered to TA by E- mail for approval	Delivered to TA by mail/courier for approval	Supplied with each Vehicle/ equipment	Remarks	Reference Paragraph
Photograph and Line Drawing Package	Digital	X 30 days before delivery of vehicle	-	-	JPEG	4.2.1
Data Summary	Digital	X 30 days before delivery of vehicle	-	-	Microsoft Word	4.2.2
Initial Parts Kit List	Digital	X 30 days before delivery of vehicle	-	-	PDF	4.2.3
Warranty Letter	Digital	X 30 days before delivery of vehicle	-	-	PDF	4.2.4
	Paper	-	-	X	-	
Safety Data Sheets Package	Digital	X 30 days before delivery of vehicle	-	-	PDF	4.2.5
	Paper	-	-	X	-	
Set of Manuals	Digital	-	X 30 days before delivery of vehicle	X	PDF - on CD/DVD*	4.2.6
	Paper	-	-	X	-	
Initial Parts Kit	-	-	-	X	1 kit	4.2.7
Set of keys	-	-	-	X	2 sets	4.2.8

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

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

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

4.2 **ILS Elements Description**

4.2.1 **Photograph and Line Drawing Package**

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

4.2.2 **Data Summary**

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

4.2.3 **Initial Parts Kit List**

- (a) The Initial Parts Kit List **must** include:

- i A complete list of parts needed to perform preventive maintenance on one (1) vehicle/equipment for a period of one (1) year, in accordance with the maintenance manual, for each configuration/model;
- ii A complete change of all filters and filter elements; and
- iii The following elements for each part listed: part description; Original Equipment Manufacturer (OEM) Part number; suggested quantity; and, unit cost.

4.2.4 **Warranty Letter**

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

4.2.5 **Safety Data Sheets Package**

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

4.2.6 **Set of Manuals**

- (a) The set of manuals for each configuration/model **must** include:
 - i The French and English (or bilingual) operator manual(s);
 - ii The French and English (or bilingual) maintenance (shop repair) manual(s); and
 - iii The English or bilingual parts manual(s).
- (b) The set of manuals **must** include manuals (operator, maintenance (shop repair) and parts) for all major components, all attachments, accessories and features for the configuration/model supplied. Accessory manuals may be included as supplements to the vehicle manuals.

4.2.7 **Initial Parts Kit**. The Contractor **must** supply one (1) complete set of parts contained in the approved Initial Parts Kits List with each vehicle/equipment.

4.2.8 **Set of keys**. The Contractor **must** supply at least two (2) sets of keys with each vehicle/equipment.

4.3 **Training**

4.3.1 **Familiarization Training**

- (a) The Contractor **must** deliver one familiarization course optimized for trained operators and technicians per delivery destination.

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