



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

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

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

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

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

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

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

Comments - Commentaires

Title - Sujet Truck, Dump, Class 8	
Solicitation No. - N° de l'invitation W8476-155287/B	Date 2016-06-23
Client Reference No. - N° de référence du client W8476-155287	
GETS Reference No. - N° de référence de SEAG PW-\$\$HP-539-71131	
File No. - N° de dossier hp539.W8476-155287	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-07-19	
Time Zone Fuseau horaire Eastern Daylight Saving Time EDT	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Cafferty, Kathy	Buyer Id - Id de l'acheteur hp539
Telephone No. - N° de téléphone (873) 469-3322 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Specified Herein Précisé dans les présentes	

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address

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

Issuing Office - Bureau de distribution

Vehicles & Industrial Products Division
11 Laurier St./11, rue Laurier
7A2, Place du Portage, Phase III
Gatineau, Québec K1A 0S5

Delivery Required - Livraison exigée See Herein	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

This bid solicitation cancels and supersedes previous bid solicitation number W8476-155287/A dated 30 September 2015 with a closing of 18 December 2015 at 14:00 Eastern Standard Time. A debriefing or feedback session will be provided upon request to bidders/offerors/suppliers who bid on the previous solicitation.

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2016-02-19

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PART 1 - GENERAL INFORMATION

1.1 Requirement

Canada is seeking proposals to procure:

1.1.1 **Qty 13, Truck, Dump, Class 8**, and ancillary items as described in Annex "A" - Pricing and in accordance with Annex "B" - Purchase Description Truck, Class 8, Chassis for Dumps and Dump Spreaders 2016-02-09.

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

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

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

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

1.2. Debriefings

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

1.3. Trade Agreements

The requirement is subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), the North American Free Trade Agreement (NAFTA), and the Agreement on Internal Trade (AIT).

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

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

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

The 2003 (2016-04-04) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

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

Delete: sixty (60) days

Insert: ninety (90) days

2.2 Submission of Bids

Bids must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated on page 1 of the bid solicitation.

2.3 Enquiries - Bid Solicitation

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

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

2.4 Applicable Laws

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

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

2.5 Improvement of Requirement During Solicitation Period

Should bidders consider that the specifications, Statement of Work or Purchase Description contained in the bid solicitation could be improved technically or technologically, bidders are invited to make suggestions, in writing, to the Contracting Authority named in the bid solicitation. Bidders must clearly outline the suggested improvement as well as the reason for the suggestion. Suggestions that do not restrict the level of competition nor favour a particular bidder will be given consideration provided they are submitted to the Contracting Authority at least seven (7) 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

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

Section I: Technical Bid (2 hard copies);

Section II: Financial Bid (1 hard copy);

Section III: Certifications (2 hard copies);

Section IV: Additional Information (2 hard copies)

Canada requests that bidders follow the format instructions described below in the preparation of their bid:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation;

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process Policy on Green Procurement (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, bidders should:

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

Section I: Technical Bid

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

Bidders should complete and submit with their bid the following;

- Appendix "1" to Annex "B" - Technical Information Questionnaire for Truck, Class 8, Chassis Complete with Dumps and Dump-Spreaders 2016-02-19.

1. Substitute and Alternatives

Bidders may propose substitutes and alternatives where "**shall^(E)**" is indicated in the technical requirement description (Purchase Description/Statement of Requirement/Statement of Work). Offerors / suppliers are encouraged to offer or suggest green solutions whenever possible.

1.1 Substitutes and alternatives that are equivalent in form, fit, function and performance will be considered for acceptance by the Technical Authority where the Bidder:

- (a) Clearly identifies a substitute and/or an alternative;
- (b) Designates the brand name, model and/or part number of the substitute and/or of the product, where applicable;
- (c) States that the substitute product is fully interchangeable with the item specified in the technical requirement description;
- (d) Provides complete specifications and brochures, where applicable;
- (e) Provides compliance statements that include technical details showing the substitute and/or the alternative meet all technical requirements specified in the technical requirement description; and
- (f) 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.

1.2 Substitutes and alternatives offered as equivalent in form, fit, function and performance will not be considered for acceptance by the Technical Authority if:

- (a) The bid fails to provide all of the information requested to allow the Technical Authority to fully evaluate the evaluate the equivalency; or
- (b) The substitute and/or the alternative fail to meet or fail to exceed the technical requirements specified in the technical requirement description.

Section II: Financial Bid

Bidders must submit their bid in accordance with the Basis of Payment specified in Part 6 and Annex A - Pricing.

1. SACC Manual Clauses

1.1 Exchange Rate Fluctuation Risk Mitigation

1. The Bidder may request Canada to assume the risks and benefits of exchange rate fluctuations. If the Bidder claims for an exchange rate adjustment, this request must be clearly indicated in the bid at time of bidding. The Bidder must submit form PWGSC-TPSGC 450, Claim for Exchange Rate Adjustments with its bid, indicating the Foreign Currency Component (FCC) in Canadian dollars for each line item for which an exchange rate adjustment is required.
2. The FCC is defined as the portion of the price or rate that will be directly affected by exchange rate fluctuations. The FCC should include all related taxes, duties and other costs paid by the Bidder and which are to be included in the adjustment amount.
3. The total price paid by Canada on each invoice will be adjusted at the time of payment, based on the FCC and the exchange rate fluctuation provision in the contract. The exchange rate adjustment will only be applied where the exchange rate fluctuation is greater than 2% (increase or decrease).
4. At time of bidding, the Bidder must complete columns (1) to (4) on form PWGSC-TPSGC 450, for each line item where they want to invoke the exchange rate fluctuation provision. Where bids are evaluated in Canadian dollars, the dollar values provided in column (3) should also be in Canadian dollars, so that the adjustment amount is in the same currency as the payment.
5. Alternate rates or calculations proposed by the Bidder will not be accepted for the purposes of this exchange rate fluctuation provision.

Section III: Certifications

Bidders must submit the certifications required under Part 5 - Certifications.

Section IV: Additional Information

Canada requests that bidders submit the following information:

1. Delivery

1.1 Firm Quantity

While delivery of the vehicles are requested by 28 October 2016, the best delivery that can be offered is as follows:

Item 001 – Qty 5, **Truck, Dump Spreader, 5.2 CY, Plow, Configuration A**, and related items will be delivered within _____ calendar days from the effective date of the contract.

Item 002 – Qty 1, **Truck, Dump Box, 9 CY, Configuration B**, and related items will be delivered within _____ calendar days from the effective date of the contract.

Item 003 – Qty 5, **Truck, Dump Box, 12 CY, Configuration C**, and related items will be delivered within _____ calendar days from the effective date of the contract.

Item 004 – Qty 2, **Truck, Dump Spreader, 12 CY, Plow, Configuration D**, and related items will be delivered within _____ calendar days from the effective date of the contract.

1.2 Optional Quantity

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

Item 005 – Up to Qty 5, **Truck, Dump Spreader, 5.2 CY, Plow, Configuration A** and related items will be delivered within _____ calendar days after an option is exercised.

Item 006 – Up to Qty 5, **Truck, Dump Box, 9 CY, Configuration B** and related items will be delivered within _____ calendar days after an option is exercised.

Item 007 – Up to Qty 10, **Truck, Dump Box, 12 CY, Configuration C** and related items will be delivered within _____ calendar days after an option is exercised.

Item 008 – Up to Qty 5, **Truck, Dump Spreader, 12 CY, Plow, Configuration D** and related items will be delivered within _____ calendar days after an option is exercised.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1. Evaluation Procedures

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

4.1.1 Mandatory Technical Evaluation Criteria

4.1.1.1 Mandatory Proof of Compliance

Bidders must submit, with their bid, all proof of compliance required in the Annex B -Purchase Description and the Appendix 1 - Technical Information Questionnaire.

4.1.1.2 Substitutes and/or Alternatives

Bidders proposing substitutes and/or alternatives must submit, with their bid all the information requested as detailed in Part 3, section 2 - Substitutes and Alternatives to be considered for evaluation.

4.1.2 Mandatory Financial Evaluation Criteria

4.1.2.1 Bidders must provide, with their bid, the financial information requested in the bid solicitation and at Annex A - Pricing for items 001, 002, 003, 004, 005, 006, 007, 008, 009, 010, 011, and 012.

4.1.2.2 The prices of the bids must be in Canadian dollars, DDP Delivered Duty Paid at destination, Incoterms 2000, for the firm quantity item 001, 002, 003, 004 and optional quantity item 005, 006, 007 and 008, Canadian dollars for familiarization instructions/training (option) item 009, 010, 011, and 012. Canadian Custom Duties and Excise Taxes included where applicable, and Applicable Taxes are extra.

4.1.2.3 Aggregate Evaluated Price

Bids will be evaluated on an aggregate price basis for the firm quantity, the optional quantity and the familiarization instructions/training (option).

4.1.2.4 To determine the total price for the firm quantity and the familiarization instructions/training (option), calculation will be as follows:

- a) The firm unit price for the firm quantity and familiarization instructions/training (option) will be multiplied by their identified estimated quantity quantities.

4.1.2.5 Since the optional quantities are to be exercised by provinces, the firm unit price for the optional quantity will be averaged.

To determine the average price for the optional quantities, calculation will be as follows:

- a) The firm unit price for the optional quantity for each province identified will be added; and
- b) The sum will be divided by five (5).

4.1.2.6 To determine the aggregate evaluated price for the firm quantity, optional quantity and the familiarization instructions/training (option), calculation will be as follows:

- a) The average price for the optional quantity obtained in 4.1.2.5 (b) above will be multiplied by the total estimated optional quantity identified; and
- b) The result will be added to the total price for the firm quantity and the familiarization instructions/training (option) obtained in 4.1.2.4 (a) above

4.2. Basis of Selection

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

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

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

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

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

5.1 Certifications Required with the Bid

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

5.1.1 Integrity Provisions - Declaration of Convicted Offences

In accordance with the *Ineligibility and Suspension Policy* (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide with its bid the required documentation, as applicable, to be given further consideration in the procurement process.

5.2 Certifications Precedent to Contract Award and Additional Information

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

5.2.1 Integrity Provisions – Required Documentation

In accordance with the *Ineligibility and Suspension Policy* (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the Employment and Social Development Canada (ESDC) - Labour's website (http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969).

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list at the time of contract award.

Canada will also have the right to terminate the Contract for default if a Contractor, or any member of the Contractor if the Contractor is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list during the period of the Contract.

The Bidder must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification, before contract award. If the Bidder is a Joint Venture, the Bidder must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification, for each member of the Joint Venture.

5.2.3 Product Conformance

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 the purchase description(s).

This certification does not relieve the bid from meeting all mandatory technical evaluation criteria detailed in Part 4.

Bidder's authorized representative signature

Date

5.2.4 General Environmental Criteria Certification

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

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

Bidders' Authorized Representative Signature

Date

or

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

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

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

Solicitation No. - N° de l'invitation
W8476-155287/B

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur
hp539

Client Ref. No. - N° de réf. du client
W8476-155287

File No. - N° du dossier
hp539.W8476-155287

CCC No./N° CCC - FMS No/ N° VME

A minimum of 50% of office equipment has an energy efficient certification.	
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Bidders' Authorized Representative Signature

Date

PART 6 - RESULTING CONTRACT CLAUSES

6.1. Requirement

- 6.1.1 The Contractor must deliver **Qty 13, Trucks, Dump, Class 8** and ancillary items as described in Annex "A" - Pricing and in accordance with Annex "B" - Purchase Description Truck, Class 8, Chassis for Dumps and Dump Spreaders 2016-02-19.
- 6.1.2 The Contractor grants to Canada irrevocable options identified in Annex "A" - Pricing.
- 6.1.2.1 The options may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.
- 6.1.2.2 The options may be exercised in whole or in part and on more than one occasion at the sole discretion of Canada, up to the maximum quantity identified in Annex "A" - Pricing.
- 6.1.2.3 The options may be exercised within **twelve (12)** months after contract award.

6.2. Standard Clauses and Conditions

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

6.2.1 General Conditions

2010A (2016-04-04) General Conditions - Goods (Medium Complexity), apply to and form part of the contract.

6.3. Term of Contract

6.3.1 Delivery of Vehicles

6.3.1.1 Firm Quantity

Delivery date of the vehicles must be made as follows:

Item 001 - Qty 5, **Truck, Dump Spreader, 5.2 CY, Plow Configuration A** and ancillary items must be delivered on or before _____ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 002 - Qty 1, **Truck, Dump Box, 9 CY, Configuration B** and ancillary items must be delivered on or before _____ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 003 - Qty 5, **Truck, Dump Box, 12 CY, Configuration C** and ancillary items must be delivered on or before _____ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 004 - Qty 2, **Truck, Dump Spreader, 12 CY, Plow Configuration D** and ancillary items must be delivered on or before _____ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

6.3.1.2 Option Quantity

Item 005 – Up to Qty 5, **Truck, Dump Spreader, 5.2 CY, Plow, Configuration A** and ancillary items to be delivered within _____ calendar days after an option is exercised. (Days to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 006 – Up to Qty 5, **Truck, Dump Box, 9 CY, Configuration B** and ancillary items to be delivered within _____ calendar days after an option is exercised. (Days to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 007 – Up to Qty 10, **Truck, Dump Box, 12 CY, Configuration C** and ancillary items to be delivered within _____ calendar days after an option is exercised. (Days to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 008 – Up to Qty 5, **Truck, Dump Spreader, 12 CY, Plow, Configuration D** and ancillary items to be delivered within _____ calendar days after an option is exercised. (Days to be inserted by PWGSC the Contracting Authority at time of contract award.)

6.4. Authorities

6.4.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Kathy Cafferty
Title: Supply Specialist
Organization: Public Works and Government Services Canada - Acquisitions Branch
LEFT Directorate, HP Division,
7A2, Place du Portage, Phase 3, 11 Laurier Street, Gatineau Quebec,
K1A 0S5
Telephone: 873 469-3322
Facsimile: 819 953-2953
E-mail: kathy.cafferty@pwgsc-tpsgc.gc.ca

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

6.4.2 Procurement Authority

The Procurement Authority for the Contract is:

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

Telephone: ____ - ____ - ____
Facsimile: ____ - ____ - ____
E-mail: _____

The Procurement Authority is the representative of the department or agency for whom the Work is being carried out under the Contract. The Procurement Authority is responsible for the implementation of tools and processes required for the

administration of the Contract. The Contractor may discuss administrative matters identified in the Contract with the Procurement Authority however the Procurement Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of Work can only be made through a contract amendment issued by the Contracting Authority.

6.4.3 Technical Authority:

The Technical Authority for the Contract is:

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

Telephone: ____ - ____ - ____
Facsimile: ____ - ____ - ____
E-mail: _____

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

6.4.4 Contractor's Representative

Name and telephone number of the person responsible for:

General enquiries

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

Delivery follow-up

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

E-mail: _____

6.4.5 After-Sales Service

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

Item 001

Name: _____

Address: _____

Telephone Number: _____

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

Item 002

Name: _____

Address: _____

Telephone Number: _____

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

Item 003

Name: _____

Address: _____

Telephone Number: _____

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

Item 004

Name: _____

Address: _____

Telephone Number: _____

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

6.5. Payment

6.5.1 Basis of Payment

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

6.5.1.1 Basis of Payment (BOP) Type 1

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

The price paid will be adjusted in accordance with the exchange rate fluctuation provision (as applicable). (delete if the bidder does not request the exchange rate fluctuation)

6.5.1.2 Basis of Payment (BOP) Type 2

Firm unit prices in Canadian dollars, including Canadian Custom Duties and Excise Taxes included where applicable, and applicable Taxes are extra.

The price paid will be adjusted in accordance with the exchange rate fluctuation provision (as applicable). (delete if the bidder does not request the exchange rate fluctuation)

6.5.1.3 Basis of Payment (BOP) Type 3

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, private vehicle and incidental expenses provided in Appendices B, C and D of the National Joint Council Travel Directive (<http://www.njc-cnm.gc.ca/directive/index.php?sid=90&hl=1&lang=eng>), and with the other provisions of the directive referring to "travellers", rather than those referring to "employees".

All travel must have the prior authorization of the Technical Authority. All payments are subject to government audit.

When requested by Canada, the Contractor must provide an estimated cost and relevant information for the travel and living.

The price paid will be adjusted in accordance with the exchange rate fluctuation provision (as applicable). (delete if the bidder does not request the exchange rate fluctuation)

6.5.2 SACC Manual Clauses

C6000C	Limitation of price	2011-05-06
H1001C	Multiple Payments	2008-05-12

6.5.3 Exchange Rate Fluctuation Adjustment (if applicable)

1. 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.
2. 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.
3. The total price paid by Canada on each invoice will be adjusted at the time of payment, based on the FCC and the exchange rate fluctuation provisions in the contract. The exchange rate adjustment amount will be calculated in accordance with the following formula:
$$\text{Adjustment} = \text{FCC} \times \text{Qty} \times (i_1 - i_0) / i_0$$
where formula variables correspond to:

FCC

Foreign Currency Component (per unit)

i_0

Initial exchange rate (CAN\$ per unit of foreign currency [e.g. US\$1])

i_1

exchange rate for adjustments (CAN\$ per unit of foreign currency [e.g. US\$1])

Qty

quantity of units

4. The initial exchange rate is typically set as the noon rate as published by the Bank of Canada on the solicitation closing date.
5. For goods, the exchange rate for adjustment will be the noon rate as published by the Bank of Canada on the date the goods were delivered. For services, the

exchange rate for adjustment will be the noon rate on the last business day of the month for which the services were performed. For advance payments, the exchange rate for adjustment will be the noon rate on the date the payment was due. The most recent noon rate will be used for non-business days.

6. The Contractor must indicate the total exchange rate adjustment amount (either upward, downward or 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.
7. The exchange rate adjustment will only be applied where the exchange rate fluctuation is greater than 2% (increase or decrease), calculated in accordance with column 8 of form PWGSC-TPSGC 450 (i.e $[i_1 - i_0] / i_0$).
8. Canada reserves the right to audit any revision to costs and prices under this clause.

6.6 Invoicing Instructions

6.6.1 The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions including the **Client Ref # BT 601**. Invoices cannot be submitted until all work identified in the invoice is completed. Offerors /suppliers are requested to provide invoices in electronic format unless otherwise specified by the Contracting Authority or Project Authority, thereby reducing printed material.

Each invoice must be supported by:

- (a) a copy of the release document and any other documents as specified in the Contract;

6.6.2 Invoices must be distributed as follows:

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

National Defence Headquarters
Mgen George R. Pearkes Bldg
101 Colonel By Drive
Ottawa, Canada K1A 0K2

Attention: DLP _____

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

6.6.3 Holdback

A ten percent (10%) holdback will apply on the total price of each vehicle (001, 002, 003, 004, 005, 006, 007, 008) on any due payment of the said vehicle/equipment. Release of the holdback (10%) is conditional upon receipt and certified acceptance by inspection authority of the said vehicle and all ancillary items as identified in Annex "A" - Pricing.

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 Taxes payable as it was claimed and payable under the previous invoice.

- (a) The original and one (1) copy of the invoice for the holdback must be forwarded to the Procurement Authority identified under the section entitled "Authorities" of the Contract.
- (b) One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

6.7. Certifications

6.7.1 Compliance

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

6.7.2 Federal Contractors Program for Employment Equity - Default by the Contractor

The Contractor understands and agrees that, when an Agreement to Implement Employment Equity (AIEE) exists between the Contractor and Employment and Social Development Canada (ESDC)-Labour, the AIEE must remain valid during the entire period of the Contract. If the AIEE becomes invalid, the name of the Contractor will be added to the "FCP Limited Eligibility to Bid" list. The imposition of such a sanction by ESDC will constitute the Contractor in default as per the terms of the Contract.

6.8 Applicable Laws

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

6.9 Priority of Documents

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

- (a) the Articles of Agreement;
- (b) 2010A (2016-04-04) General Conditions - Goods (Medium Complexity);
- (c) Annex "A" - Pricing;
- (d) Annex "B" - Purchase Description - Truck, Class 8, Chassis for Dumps and Dump Spreaders 2016-02-19;
- (e) Appendix 1- Technical Information Questionnaire - Truck, Class 8, Chassis Complete with Dumps and Dump-Spreaders 2016-02-19;
- (f) Annex "C", Federal Contractors Program for Employment Equity – Certification;
- (g) the Contractor's bid dated _____.

6.10 SACC Manual Clauses

A1009C	Work Site Access	2008-05-12
A9006C	Defence Contract	2012-07-16
A9049C	Vehicle Safety	2011-05-16
A9062C	Canadian Forces Site Regulations	2011-05-16
C2800C	Priority Rating	2013-01-28
C2801C	Priority Rating - Canadian-based Contractors	2014-11-27
D3010C	Delivery of Dangerous Goods / Hazardous Products	2016-01-28
D5510C	Quality Assurance Authority (Department of National Defence) - Canadian-based Contractor	2014-06-26
D5515C	Quality Assurance Authority (DND) - Foreign-based and United States Contractor	2010-01-11
D5540C	ISO 9001:2008 Quality Management Systems - Requirements (QAC Q)	2010-08-16
D5545C	ISO 9001:2000 - Quality Management Systems - Requirements (QAC C)	2010-08-16
D5604C	Release Documents - Foreign based Contractor	2008-12-12
D5605C	Release Documents - US based Contractors	2010-01-11
D5606C	Release Documents - Canadian-based Contractors	2012-07-16
D9002C	Incomplete Assemblies	2007-11-30

G1005C	Insurance	2016-01-28
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6.11 Inspection and Acceptance

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

6.12 Preparation for Delivery

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

The fuel tanks must be at least half full prior to release of the vehicle(s) to inspection authority or consignee.

6.13 Shipping Instructions - Delivery at Destination

- 6.13.1 The Contractor must ship the goods prepaid DDP - Delivered Duty Paid (as detailed at Annex "A"- Pricing). Unless otherwise directed, delivery must be made by the most economical means. Shipping charges must be shown as a separate item on the Contractor's invoice. The Contractor is responsible for all delivery charges, administration, costs and risks of transport and customs clearance, including the payment of customs duties and taxes.
- 6.13.2 The Contractor must deliver the goods by appointment only. The Contractor or its carrier must arrange delivery appointments by contacting the contacts specified in Annex "A"- Pricing. The consignee may refuse shipments when prior arrangements have not been made.

6.14 Release Documents - Distribution

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

- a. One (1) copy mailed to consignee marked: "Attention: Receipts Officer";
- b. Two (2) copies with shipment (in a waterproof envelope) to the consignee;
- c. One (1) copy to the Contracting Authority;
- d. One (1) copy to:

National Defence Headquarters
Mgen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A OK2
Attention: _____

- e. One (1) copy to the Quality Assurance Representative;
- f. One (1) copy to the Contractor; and
- g. For all non-Canadian contractors, one (1) copy to:

DQA/Contract Administration
National Defence Headquarters
Mgen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A OK2
E-mail: ContractAdmin.DQA@forces.gc.ca.

6.15 Post-Contract Award Meeting/Pre-Production Meeting

Within ten (10) calendar days from the effective date of the Contract, the Contractor must contact the Contracting Authority to determine if a post-contract award meeting is required. A meeting will be convened at the discretion of the Technical Authority after contract award to review technical and contractual requirements. The Contractor shall be responsible for the preparation and distribution of the minutes of meeting within five (5) calendar days after the meeting has been held. The meeting will be held at the Contractor's facilities or at the Department of National Defence facility or via teleconference, at Canada's discretion at no additional cost to Canada, with representatives of the Contractor, the Department of National Defence and Public Works and Government Services Canada.

6.16 Progress Reports

The Contractor must submit monthly reports, in electronic format, on the progress of the Work, to both the Technical Authority and the Contracting Authority.

Each progress report must address the following questions:

- (a) Is the delivery on schedule?
- (b) Is the Contract free of any areas of concern in which the assistance or guidance of Canada may be required?
- (c) Each negative response must be supported with an explanation.

6.17 Tools and Loose Equipment

For shipment verification, all items and tools, which are shipped loose with the vehicle/equipment must be listed on the Inspection Certificate (CF 1280) or on an attached packing note.

6.18 Material

Material supplied must be new unused and of current production by manufacturer. (2016 model-year or newer).

6.19 Design Changes

The "Design Change, Design Deviation and Waiver Procedure" as defined in National Defence Standard D-02-006-008/SG-0001 must apply.

6.20 Interchangeability

Unless changes during the production run are authorized by Contracting Authority, all vehicles 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.

6.21 Packaging

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

6.22 Service at Delivery

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

6.23 Vehicle Recall Notices

All vehicle recall notices must be forwarded to:
National Defence Headquarters
MGen George R. Pearkes Building
101 Colonel By Drive
Ottawa, Ontario K1A 0K2

Attention: (designation and name of TA to be inserted by PWGSC at contract award)

ANNEX "A" - PRICING

Item 001 Truck, Dump Spreader, 5.2 CY, Plow, Configuration A (Firm Quantity)

The Contractor must deliver the vehicle/equipment including the manuals, warranty letter(s), keys, line setting ticket, data summary, photographs, line drawings, training plan(s) and familiarization training in accordance with the attached Annex "B" - Purchase Description - Truck, Class 8, Chassis for Dumps and Dump Spreaders 2016-02-19.

The truck and ancillary items must be delivered to:

CFB Halifax

Major Equipment Section
HMC Dockyard
Bldg D-206 Door 1 thru 13
Halifax, NS B3K 5X5

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

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

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

Quantity: Five (Qty 5)

Item 002 Truck, Dump Box, 9 CY, Configuration B (Firm Quantity)

The Contractor must deliver the vehicle/equipment including the manuals, warranty letter(s), keys, line setting ticket, data summary, photographs, line drawings, training plan(s) and familiarization training in accordance with the attached Annex "B" - Purchase Description - Truck, Class 8, Chassis for Dumps and Dump Spreaders 2016-02-19.

The truck and ancillary items must be delivered to:

CFB Gagetown

Major Equipment Section
Bldg B10
CFB Gagetown, NB E2V 4J5

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

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

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

Quantity: One (Qty 1)

Item 003 Truck, Dump Box, 12 CY, Configuration C (Firm Quantity)

The Contractor must deliver the vehicle/equipment including the manuals, warranty letter(s), keys, line setting ticket, data summary, photographs, line drawings, training plan(s) and familiarization training in accordance with the attached Annex ‘‘B’’ - Purchase Description - Truck, Class 8, Chassis for Dumps and Dump Spreaders 2016-02-19.

The truck and ancillary items must be delivered to:

CFB Gagetown
Major Equipment Section
Bldg B10
CFB Gagetown, NB E2V 4J5

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

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

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

Quantity: Five (Qty 5)

Item 004 Truck, Dump Spreader, 12 CY, Plow Configuration D (Firm Quantity)

The Contractor must deliver the vehicle/equipment including the manuals, warranty letter(s), keys, line setting ticket, data summary, photographs, line drawings, training plan(s) and familiarization training in accordance with the attached Annex ‘‘B’’ - Purchase Description - Truck, Class 8, Chassis for Dumps and Dump Spreaders 2016-02-19.

The truck and ancillary items must be delivered to:

CFB Halifax

Major Equipment Section
HMC Dockyard
Bldg D-206 Door 1 thru 13
Halifax, NS B3K 5X5

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

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

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

Quantity: Two (Qty 2)

Item 005 Truck, Dump Spreader, 5.2 CY, Plow, Configuration A (Optional Quantity)

If this option is exercised, the Contractor must deliver the vehicle/equipment including manuals, warranty letter(s), keys, line setting ticket, data summary, photographs, and line drawings, in accordance with the attached Annex "B" - Purchase Description - Truck, Class 8, Chassis for Dumps and Dump Spreaders 2016-02-19.

For Destinations in British Columbia:

Firm unit price of \$ _____ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

For Destinations in Alberta and Saskatchewan:

Firm unit price of \$ _____ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

For Destinations in Manitoba:

Firm unit price of \$ _____ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

For Destinations in Ontario and Quebec:

Firm unit price of \$ _____ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

For Destinations in New Brunswick and Nova Scotia:

Firm unit price of \$ _____ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

Quantity: Up to Five (Qty 5)

Item 006 Truck, Dump Box, 9 CY, Configuration B (Optional Quantity)

If this option is exercised, the Contractor must deliver the vehicle/equipment including manuals, warranty letter(s), keys, line setting ticket, data summary, photographs, and line drawings, in accordance with the attached Annex "B" - Purchase Description - Truck, Class 8, Chassis for Dumps and Dump Spreaders 2016-02-19.

For Destinations in British Columbia:

Firm unit price of \$ _____ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

For Destinations in Alberta and Saskatchewan:

Firm unit price of \$ _____ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

For Destinations in Manitoba:

Firm unit price of \$ _____ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

For Destinations in Ontario and Quebec:

Firm unit price of \$ _____ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

For Destinations in New Brunswick and Nova Scotia:

Firm unit price of \$ _____ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

Quantity: Up to Five (Qty 5)

Item 007 Truck, Dump Box, 12 CY, Configuration C (Optional Quantity)

If this option is exercised, the Contractor must deliver the vehicle/equipment including manuals, warranty letter(s), keys, line setting ticket, data summary, photographs, and line drawings, in accordance with the attached Annex "B" - Purchase Description - Truck, Class 8, Chassis for Dumps and Dump Spreaders 2016-02-19.

For Destinations in British Columbia:

Firm unit price of \$ _____ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

For Destinations in Alberta and Saskatchewan:

Firm unit price of \$ _____ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

For Destinations in Manitoba:

Firm unit price of \$ _____ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

For Destinations in Ontario and Quebec:

Firm unit price of \$ _____ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

For Destinations in New Brunswick and Nova Scotia:

Firm unit price of \$ _____ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

Quantity: Up to Ten (Qty 10)

Item 008 Truck, Dump Spreader, 12 CY, Plow, Configuration D (Optional Quantity)

If this option is exercised, the Contractor must deliver the vehicle/equipment including manuals, warranty letter(s), keys, line setting ticket, data summary, photographs, and line drawings, in accordance with the attached Annex "B" - Purchase Description - Truck, Class 8, Chassis for Dumps and Dump Spreaders 2016-02-19.

For Destinations in British Columbia:

Firm unit price of \$ _____ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

For Destinations in Alberta and Saskatchewan:

Firm unit price of \$ _____ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

For Destinations in Manitoba:

Firm unit price of \$ _____ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

For Destinations in Ontario and Quebec:

Firm unit price of \$ _____ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

For Destinations in New Brunswick and Nova Scotia:

Firm unit price of \$ _____ per vehicle/equipment in accordance with Basis of Payment Type 1 (as detailed at Clause 6.5.1 Basis of Payment).

Quantity: Up to Five (Qty 5)

Item 009 Familiarization Instructions/Training for Configuration A Optional Quantities (Option)

If this option is exercised, the Contractor must provide familiarization instruction/training, in accordance with the attached Annex "B" - Purchase Description - Truck, Class 8, Chassis for Dumps and Dump Spreaders 2016-02-19.

Firm unit price of \$ _____ in accordance with Basis of Payment Type 2(as detailed at Clause 6.5.1 Basis of Payment).

Quantity: up to Five (Qty 5)

Item 010 Familiarization Instructions/Training for Configuration B Optional Quantities (Option)

If this option is exercised, the Contractor must provide familiarization instruction/training, in accordance with the attached Annex "B" - Purchase Description - Truck, Class 8, Chassis for Dumps and Dump Spreaders 2016-02-19.

Firm unit price of \$_____ in accordance with Basis of Payment Type 2(as detailed at Clause 6.5.1 Basis of Payment).

Quantity: up to Five (Qty 5)

Item 011 Familiarization Instructions/Training for Configuration C Optional Quantities (Option)

If this option is exercised, the Contractor must provide familiarization instruction/training, in accordance with the attached Annex "B" - Purchase Description - Truck, Class 8, Chassis for Dumps and Dump Spreaders 2016-02-19.

Firm unit price of \$_____ in accordance with Basis of Payment Type 2(as detailed at Clause 6.5.1 Basis of Payment).

Quantity: up to Ten (Qty 10)

Item 012 Familiarization Instructions/Training for Configuration D Optional Quantities (Option)

If this option is exercised, the Contractor must provide familiarization instruction/training, in accordance with the attached Annex "B" - Purchase Description - Truck, Class 8, Chassis for Dumps and Dump Spreaders 2016-02-19.

Firm unit price of \$_____ in accordance with Basis of Payment Type 2(as detailed at Clause 6.5.1 Basis of Payment).

Quantity: up to Five (Qty 5)

Item 013 Travel and Living for Familiarization Instruction/Training for Optional Quantities (Option)

(Item 013 will not be included in the financial evaluation)

All travel must have the prior authorization of the Technical Authority. All payments are subject to government audit.

When requested by Canada, the Contractor must provide an estimated cost for the travel and living.

Estimated cost: \$(to be inserted by PWGSC if an option is exercised) Familiarization Instruction/Training, for Travel and Living expenses, Delivered Duty Paid at destination, in accordance with Clause 6.5.1, Basis of Payment Type 3.

Quantity: up to Twenty-Five (25)



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
FOR
TRUCK, CLASS 8, CHASSIS FOR DUMPS AND DUMP-SPREADERS

1. **SCOPE**

1.1 **Scope** - This specification covers the requirements for truck cabs and chassis for dumps, and dump-spreaders, with features and accessories.

1.2 **Instructions** - The following instructions apply to this specification.

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

1.3 **Definitions**

- (a) **"Technical Authority" shall** mean the official responsible for the technical content of this requirement;
- (b) **"Equivalent" shall** mean a standard, means, or component type, which the **Technical Authority** has approved for this requirement, as meeting the specified requirements for fit, form, function and performance;
- (c) **"Curb Weight" shall** mean the weight of the fully equipped vehicle. The curb weight shall include the cab and chassis, all attached accessories, equipment, fuel, lubricant and coolants. This does not include the payload;
- (d) **"Payload" shall** mean the weight of the material being carried in the dump or dump-spreader box. The Payload **shall** be calculated as the cubic volume of the dump or dump-spreader box times the weight of sand and gravel (sand and gravel weighs 1,600 kg per cubic metre);
- (e) **"Gross Vehicle Weight" (GVW) shall** mean the sum of the **Curb Weight**, the weight of a driver and passenger (80 kg per person) and the **Payload**. The **GVW shall** not exceed the Gross Vehicle Weight Rating (GVWR); and
- (f) **"Gross Combined Weight Rating" (GCWR) shall** mean the sum of the vehicle Gross Vehicle Weight Rating and the towed load for each configuration.

1.4 **Data Table** - The following table shows the minimum required performance for each configuration.

CHARACTERISTIC	CLAUSE	UNITS	CONFIGURATION		
			A	B	C & D
GRADABILITY	3.4 (b)	%	24%	24%	24%
HORSEPOWER	3.4 (c)	HP	350	400	425
GVWR	3.4.1 (a)	kg	16,329	26,762	29,937
GAWR FRONT	3.4.1 (a)	kg	6,350	9,072	9,072
GAWR REAR	3.4.1 (a)	kg	9,979	17,690	20,865
PAYLOAD	3.4.1 (b)	kg	6,400	11,040	14,720
TOWED LOAD	3.4.1 (c)	kg	6,800	6,800	13,600
FRAME RBM	3.6	kg-m (pound inch)	42,175 (3,660,628)	42,175 (3,660,628)	42,175 (3,660,628)
FUEL CAPACITY	3.7.2 (a)	litres	300	300	300

1.4.1 **Requirement Summary Table** - The following table indicates by "✓" the features and accessories which *shall* be provided for each configuration.

	Equipment Options						Destination (Quantity)
	Dump Box - 6.9 cubic metres (9 cubic yards)	Dump - Box - 9.2 cubic metres (12 cubic yards)	Dump Spreader Box - 4 cubic metres (5.2 cubic yards)	Dump Spreader Box - 9.2 cubic metres (12 cubic yards)	Drive Frame & Front Hitch	Reversible Snow Plow	
Paragraph	3.22 (a)	3.22 (b)	3.22 (c)	3.22 (d)	3.22 (g)	3.22 (h)	
Configuration							
A			✓		✓	✓	Halifax (5)
B	✓						Gagetown (1)
C		✓					Gagetown (5)
D				✓	✓	✓	Halifax (2)

2. **APPLICABLE DOCUMENTS** - The following documents are referenced in this specification. Canada will not be supplying any reference documents. Available information on the organization is supplied.

SAE Handbook

SAE World Headquarters
400 Commonwealth Dr.,
Warrendale, PA, 15096-0001
<http://www.sae.org>

Canadian Motor Vehicle Safety Standards (CMVSS)

Government of Canada / Transport Canada,
<http://www.tc.gc.ca/eng/menu.htm>

Canada Occupational Health and Safety Regulations

Government of Canada / Department of Justice
<http://laws-lois.justice.gc.ca/eng/regulations/SOR-86-304/index.html>

CAN/CSA Z107.56-06

Procedures for the Measurement of Occupational Noise Exposure

Canadian Standards Association
5060 Spectrum Way, Suite 100
Mississauga, Ontario, L4W 5N6
<http://www.csa.ca/cm/ca/en/home>

Hazardous Products Act

Government of Canada / Department of Justice
<http://laws-lois.justice.gc.ca/eng/acts/H-3/>

3. REQUIREMENTS

3.1 Standard Design

(a) The vehicle offered *shall* be the latest model from a manufacturer who has demonstrated acceptability by selling this type and size class of vehicle for at least three (3) years;

- (b) The vehicle offered **shall** have engineering certification available at no cost to Canada, for this application from the original manufacturers of major equipment, systems and assemblies;
- (c) The vehicle offered **shall** 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; and
- (d) The vehicle and accessories **shall** operate in accordance with all original equipment manufacturers' (OEM) rated capacities and performance specifications.

3.2 Operating Conditions

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

3.2.2 Terrain - The vehicle **shall** be capable of all-weather operations on highways, secondary roads, gravel roads, and off-road (e.g. construction sites, open fields and dirt tracks).

3.3 Safety Standards

3.3.1 Vehicle Safety Regulations - The vehicle **shall** meet the provisions of the Canada Motor Vehicle Safety Act in effect upon the date of manufacture of the vehicle. The completed vehicle **shall** have Safety Compliance Certification Label with a National Safety Mark (NSM), as a seal of compliance.

3.3.2 Hazardous Materials - The contractor **shall** minimize or eliminate the use of hazardous materials, ozone depleting substances, polychlorinated biphenyls, asbestos and heavy metals (as described in the Hazardous Products Act of Canada) used in the manufacture and assembly of the product supplied.

3.4 Performance

- (a) The truck **shall** have a road speed of at least 105 km/h when carrying the specified payload (paragraph 3.4.1 (b)) on a flat level road;
- (b) The truck, loaded at the GCWR, **shall** have a gradability, at a speed of at least 3.2 km/h, of at least that given as "VEHICLE GRADABILITY" in the Data Table (paragraph 1.4); and
- (c) The truck **shall** have a gross engine horsepower of at least that given as "HORSEPOWER" in the Data Table (paragraph 1.4) in order to achieve the specified performance (paragraphs 3.4 (a) and 3.4 (b)).

3.4.1 Capacities

- (a) The truck **shall** have Gross Axle Weight Ratings (GAWRs) and Gross Vehicle Weight Rating (GVWR) of at least that given in the Data Table (paragraph 1.4);
- (b) The truck **shall** have a payload capacity of at least that given as "PAYLOAD" in the Data Table (paragraph 1.4); and
- (c) The truck **shall** have a towed load capacity of at least that given as "TOWED LOAD" in the Data Table (paragraph 1.4).

3.5 **Vehicle Cab - Standard**

(a) **Cab** - The vehicle **shall** be provided with an air suspended conventional cab with rear visibility windows;

(b) **Cab Features**

- i The cab **shall** be provided with a tinted windshield;
- ii The cab **shall** be provided with windshield wipers with at least two (2) continuous speeds and one (1) intermittent speed;
- iii The windshield wipers **shall** be provided with arctic wiper blades;
- iv The cab **shall** be provided with two rotating and pivoting interior sun visors;
- v The cab **shall** be provided with armrests on both doors, dark upholstery, coat hooks and rubber mats;
- vi The cab **shall** be provided with powered windows;
- vii The cab **shall** be provided with a visibility window in the front lower portion of the right hand door or a look-down mirror mounted at the top of right hand door;
- viii The cab **shall** be provided with an exterior sun visor;
- ix The cab **shall** be provided with a wiring harness for the installation of a CB radio;
- x The cab **shall** be provided with powered door locks;
- xi The cab **shall** be provided with air horn(s), protected from snow clogging; and
- xii The cab **shall** be provided with rear visibility windows.

(c) **Seats**

- i The vehicle **shall** be provided high-back driver and co-driver cloth upholstered seats;
- ii The seats **shall** be provided with a fold-up arm rest on the interior side;
- iii The seats **shall** be provided with push button controlled air suspension seats using air from the vehicle air system; and
- iv The seats **shall** be provided with retractable shoulder/lap belt assemblies.

(d) **Mirrors**

- i The vehicle **shall** be provided with two (2) mirrors (West-Coast) with flat section having an area of at least 6,000 mm² each;
- ii Each mirror **shall** be provided with a convex mirror section with an area of at least 3,100 mm² mounted below the flat section;
- iii Both mirrors **shall** be motorized and adjustable from within the cab;

- iv Mirrors **shall** be provided with heating systems;
 - v Mirror heating **shall** be activated by an in-cab control;
 - vi Mirror glass and heating elements **shall** be replaceable; and
 - vii Tripod mirrors **shall** be provided and mounted on the right and left hand front fenders.
- (e) **Air Conditioning** - The vehicle **shall** be provided with an air conditioning system;
- (f) **Radio**
- i The vehicle **shall** be provided with an AM/FM radio; and
 - ii The radio **shall** turn off automatically when the vehicle is turned off.
- (g) **Keys**
- i A common key **shall** be used for all items supplied with an integral keyed lock;
 - ii This **shall** include, but is not limited to, ignition, doors and locking compartments/covers; and
- (h) **CB Radio** - The vehicle **shall** be provided with a CB radio having at least 40 channels.

3.6 **Chassis** - The vehicle **shall** be provided with a high strength steel frame with a resisting bending moment of at least "FRAME RBM" as given in the Data Table (paragraph 1.4).

3.6.1 **Suspension**

- (a) The vehicle **shall** be provided with a front spring suspension;
- (b) Configuration A **shall** be provided with a rear spring suspension;
- (c) All other Configurations **shall** be provided with a rear rubber block suspension;
- (d) The rear axle **shall** be provided with a stabilizer bar;
- (e) For configuration A it is not mandatory to have shock absorbers at each rear axle wheel station;
- (f) The suspension systems for all other configurations **shall** be provided with shock absorbers at all rear axle wheel station; and
- (g) Lift axles **shall** not be supplied with shock absorbers.

3.7 **Engine** - The vehicle **shall** be provided with a diesel engine.

3.7.1 **Engine Components**

- (a) The engine **shall** be provided with a replaceable dry-type (two-stage minimum) air filter that includes a filter restriction gauge;

- (b) The engine **shall** be provided with coolant for temperatures down to -40 degrees;
- (c) The engine **shall** be provided with an exhaust system including a vertical stack that clears the cab roofline and is fitted with an exhaust elbow. Horizontal exhaust will be acceptable, if the vertical exhaust would interfere with the dump and/or plow installation;
- (d) The engine **shall** be provided with a cooling system which includes a thermostatic fan; and
- (e) The engine **shall** be provided with an internal engine compression brake system.

3.7.2 Fuel System

- (a) The fuel system **shall** have a total capacity of at least "FUEL CAPACITY" as given in the Data Table (paragraph 1.4); and
- (b) The fuel tank filler cap **shall** be marked to identify the vehicle fuel.

3.7.3 Engine Cold Weather Aids

- (a) The engine **shall** be provided with cold weather aids to enable the engine (operating with winter grade fuels/oils) to be started at temperatures down to -40° C;
- (b) The engine **shall** be provided with a low temperature engine starting aid. The engine starting aids may include but is not limited to: glow plug(s) and intake air preheat;
- (c) The engine **shall** be provided with one or more 110-Volt engine heaters. The engine heaters **shall** have a capacity as recommended by the engine manufacturer. The engine heater plug **shall** be accessible by a standing operator;
- (d) The engine **shall** be provided with a heated fuel filter/water separator to preheat diesel fuel prior to starting; and
- (e) The engine **shall** be provided with an in-line fuel heater. The heater **shall** be thermostatically controlled to prevent fuel temperature from rising above approximately 43°C. The in-line fuel heater may be a heat exchanger type connected to the cooling system.

3.7.4 Engine Features and Accessories -

(a) Fuel-Fired Pre-Heater

- i The vehicle **shall** be provided with a fuel-fired engine coolant preheat system with an output of at least 14,000 BTU;
- ii The fuel-fired pre-heater **shall** be provided with a 7 day programmable timer;
- iii Fuel for the fuel-fired pre-heater **shall** be drawn from the vehicle fuel tank; and
- iv The fuel-fired pre-heater **shall** operate without power from outside the vehicle.

- (b) **Winter-front** - The vehicle **shall** be supplied with a removable winter-front that allows the engine to operate at lower ambient temperatures while maintaining optimal engine operating temperatures.

3.8 **Automatic Transmission**

- (a) The vehicle **shall** be provided with an electronically controlled fully automatic transmission. An automatic transmission is defined as a transmission that requires no driver intervention, to engage, to change ratio or to stop, once the drive ratio has been selected;
- (b) The transmission **shall** have at least six (6) forward speeds and one reverse speed;
- (c) The transmission **shall** be provided with a neutral start safety switch; and
- (d) A power take-off **shall** be provided.

3.8.1 **Axles**

- (a) The vehicle **shall** be provided with manufacturer's selected single or twin steer front axle;
- (b) The vehicle **shall** be provided with manufacturer's selected single, tandem or tridem rear drive axle(s);
- (c) The rear axles **shall** be provided with driver controlled differential locks on all axles; and
- (d) If a lift axle is required for the load distribution, the vehicle **shall** be provided with an air lift self-steer lift axle. Controls for the lift axle **shall** be located in the cab. A device that prevents lifting the axle or altering the weight when the truck is travelling at a speed of 60 km per hr **shall** be provided.

3.9 **Brake System**

- (a) The vehicle **shall** be provided with full air actuated service brakes and spring actuated parking brakes;
- (b) The brake system **shall** be provided with a 4-channel, anti-lock brake system (ABS);
- (c) The brake system **shall** be provided with S-cam type air brakes with automatic slack adjusters;
- (d) The brake system **shall** be provided with an air compressor with a capacity of at least 0.42 cubic metres per minute;
- (e) The brake system **shall** be provided with a wet air reservoir with a quick connect fitting for the connection of an air-line;
- (f) The wet air reservoir **shall** be provided with a pull type drain that is accessible from beside the vehicle;
- (g) The brake system **shall** be provided with an automatic air dryer with a heated dump valve;
- (h) The brake system **shall** be provided with dust shields at each wheel station;
- (i) The brake system **shall** be provided with emergency brake chambers on all rear axles;

- (j) The brake system **shall** be provided with a trailer brake control mounted on or near the steering column; and
- (k) Two (2) air-lines **shall** be provided with a blue line for service air and a red line for emergency air.

3.10 **Steering**

- (a) The vehicle **shall** be provided with a power assisted steering system; and
- (b) The steering system **shall** be provided with a telescopic/tilt steering column.

3.11 **Wheels and Tires**

- (a) The vehicle **shall** be provided with steel-belted, tubeless radial tires;
- (b) The front axle **shall** be provided with highway tires; and
- (c) The rear axle **shall** be provided with tires with a mud and snow tread.
- (d) Rear axles **shall** be provided with dual tires at each wheel station;
- (e) The tires **shall** be mounted on hub pilot disc wheels;
- (f) All wheels **shall** be provided with loose wheel nut indicators;
- (g) The wheel assemblies **shall** have a capacity equal or greater than the load applied, at the top vehicle speed (paragraph 3.4 (a));
- (h) The wheel assemblies **shall** be assembled in accordance to the tire and rim manufacturer's specifications; and
- (i) The vehicle **shall** be provided with a spare tire mounted on a rim of the same size as those on the front axle.

3.12 **Controls** - The vehicle **shall** be provided with a cruise control system with a fast idle feature.

3.13 **Instruments**

- (a) All dash board gauges and readouts **shall** be in metric units;
- (b) The vehicle **shall** be provided with a tachometer;
- (c) The vehicle **shall** be provided with a coolant temperature gauge and a high coolant temperature tell-tale indicator;
- (d) The vehicle **shall** be provided with a transmission temperature gauge and a high transmission temperature tell-tale indicator;
- (e) The vehicle **shall** be provided with an oil pressure gauge and a low engine oil pressure tell-tale indicator;
- (f) The vehicle **shall** be provided with a voltmeter or ammeter;
- (g) The vehicle **shall** be provided with a low air pressure indicator;
- (h) The vehicle **shall** be provided with differential lock engagement indicators; and

(i) The vehicle **shall** be provided with a PTO engagement indicator.

3.14 **Electrical System**

(a) The vehicle **shall** be provided with manufacturer's electrical system;

(b) The electrical system **shall** be provided with an alternator with an output of at least 200 amperes;

(c) The electrical system **shall** be provided with maintenance-free batteries with at least 2,500 cold cranking amperes (CCA);

(d) The electrical system **shall** be provided with a master disconnect switch;

(e) The wiring **shall** be protected by insulating grommets where passing through metal;

(f) The electrical system **shall** be provided with four (4) knockouts for extra switches on the dashboard; and

(g) The electrical system **shall** be provided with a backup alarm that is activated when the vehicle transmission is in reverse.

3.15 **Lighting**

(a) The vehicle **shall** be provided with the manufacturer's lighting package, which includes integrated LED body lighting;

(b) The headlights **shall** use halogen lamps;

(c) The lighting system **shall** be provided with clearance lights, stop lights, turn signal lights, tail-lights and reverse movement lights;

(d) **Beacon**

i The vehicle **shall** be provided with an omni-directional beacon with a separate switch inside the cab. The switch **shall** be within an easy reach of the driver;

ii The beacon **shall** be mounted so as to provide maximum vehicle visibility. The beacon **shall** be designed for 360-degrees visibility;

iii The beacon may be mounted on the cab roof or on the cab shield; and

iv The colour of the beacon **shall** be amber or blue. The colour **shall** be provided at time of contract.

3.16 **Hydraulic System**

(a) The manufacturer's hydraulic system **shall** be provided, complete with all components required for the operation of the hydraulic equipment specified, including pump, reservoir, filters and control valves;

(b) The hydraulic reservoir **shall** be provided with a visual level indicator;

(c) All hydraulic cylinders **shall** be provided with rods that are hard chrome plated or nitrate treated rods

(d) Hydraulic hoses passing through metal components **shall** be protected using rubber grommets or **Equivalent**;

- (e) The hydraulic system **shall** be provided with a set of proportional pneumatic control levers to actuate plows;
- (f) The spacing between levers **shall** be sufficient to allow an operator wearing gloves to activate them;
- (g) All valve assembly lines **shall** be colour coded for ease of maintenance; and
- (h) Where the vehicle is equipped with both a dump-spreader box and one or more plows, the hydraulic system **shall** be provided with a tandem hydraulic pump. One of the tandem pumps **shall** provide hydraulic power the dump-spreader system and the other pump **shall** provide hydraulic power to the plow(s).

3.16.1 **Hydraulic Features and Accessories** - The features and accessories listed in the following paragraphs **shall** be provided on the vehicle, as indicated in the Feature and Accessory Table (paragraph 1.4.1).

(a) **Hydraulic Oil Heater**

- i The hydraulic system **shall** be provided with a hydraulic oil heater;
- ii The heater **shall** be provided with a thermostatic control system to prevent overheating of the hydraulic oil; and
- iii The hydraulic oil heater may use heat from the cooling system.

3.17 **Lubricants and Hydraulic Fluids**

- (a) The vehicle **shall** operate using synthetic non-proprietary lubricants and hydraulic fluids; and
- (b) Grease fittings **shall** conform to SAE J534 or an **Equivalent**.

3.18 **Paint**

- (a) The vehicle **shall** be painted using the manufacturer's commercial painting system;
- (b) The paint colour for the vehicle **shall** be manufacturer's high visibility yellow; and
- (c) The accessories **shall** be painted with manufacturer's standard colour.

3.18.1 **Corrosion Protection**

- (a) The vehicle **shall** be provided with a rust protection treatment;
- (b) An approved aftermarket rust protection system **shall** be provided. Rust protection systems that have been approved include Krown Rust Kontrol, Rust Check or an **Equivalent**; and
- (c) Each vehicle that has been rust protection prior to delivery **shall** be accompanied with a decal and warranty papers.

3.19 **Identification** - The vehicle information (manufacturer's name, model, Vehicle Identification Number (VIN) and the GAWR, GVWR and GCWR ratings) **shall** be permanently marked in conspicuous and protected locations.

3.19.1 **Warning and Instruction Plates**

- (a) The vehicle **shall** be provided with warning and operation instruction plates in accordance SAE J115; and
- (b) The plates **shall** be readily visible to the operator and use graphic symbols, as much as possible, as defined in SAE J1362 or in the two official languages (English and French).

3.20 **Equipment Features and Accessories:**

3.20.1 **Equipment** - The equipment listed in the following paragraphs **shall** be provided with each vehicle.

(a) **Tow Hooks**

- i The vehicle **shall** be provided with tow hooks mounted at the front and at the rear; and
- ii Tow hooks and mountings of sufficient strength to permit the recovery of the vehicle **shall** be provided.

(b) **License Plate Holders**

- i The vehicle **shall** be provided with front and rear license plate holders; and
- ii The rear license plate **shall** be illuminated.

(c) **Filler Caps** - The vehicle **shall** be provided with permanently marked filler caps, which identify the contents using international symbols or in French and English; and

(d) **Mud flaps** - The vehicle **shall** be provided with front mud flaps.

3.21 **Hoist**

- (a) The vehicle **shall** be provided with a telescopic hydraulically operated hoist for dump boxes or dump-spreader boxes;
- (b) The hoist **shall** provide sufficient lifting force on the loaded dump box or dump-spreader box at the commencement of lift;
- (c) The hoist **shall** tip the dump box or dump-spreader box to an angle of at least 50 degrees;
- (d) The hoist **shall** be provided with in-cab controls for raising and lowering the dump box or the dump-spreader box;
- (e) The hoist **shall** be capable of being operated while the truck is in motion; and
- (f) The hoist **shall** be provided with a safety mechanism to prevent the dump box or dump-spreader box from tipping beyond the design limit.

3.22 **Accessories** - The accessories listed in the following paragraphs **shall** be provided on the vehicle, as indicated, by configuration, in the Requirement Summary Table (paragraph 1.4.1).

(a) **Dump Box - 6.9 cubic metres (9 cubic yard)**

- i The vehicle **shall** be provided with a dump box having a water level volume of at least 6.9 cubic metres;
- ii The dump box **shall** be continuously welded or **Equivalent**;
- iii The dump box **shall** be fabricated using HARDOX 450 steel or **Equivalent**;
- iv The dump box sidewalls **shall** have a height of no less than 660 mm but no more than 1,020 mm. The top of the body sidewall **shall** not be more than 2,590 mm above ground level;
- v The dump box **shall** have a width of no less than 2,130 mm and no more than 2,340 mm;
- vi The dump box **shall** be provided with the manufacturer's half-sized cab shield, braced to prevent buckling;
- vii The dump box **shall** be provided with an apron at the rear of the dump body to dispel material further away from the vehicle when dumping;
- viii The ribs **shall** be sloped to prevent accumulation of corrosive material;
- ix The dump box **shall** be painted the same colour as the vehicle.
- x The dump box **shall** have clearance for tire chains;
- xi The dump box **shall** be provided with a safety bar (painted a high visibility colour) designed to hold the dump body in the "UP" position during maintenance operations;
- xii The dump box **shall** be provided with a double-acting type tailgate designed for top and bottom opening with a tailgate latch;
- xiii A switch mounted in the cab **shall** control tailgate actuation. The tailgate may be air operated;
- xiv The dump box **shall** be provided with a fully retractable air or electrically operated cover that is controlled by a switch mounted in the cab;
- xv The dump box **shall** be provided with a combination spreading and drop chains;
- xvi The dump box **shall** be provided with a fold-up ladder on the left front side of the box. The ladder steps **shall** be manufactured of non-slip material;
- xvii The dump box **shall** be provided with LED sealed clearance lights, LED rear stop lights, LED tail lights, and LED directional lights inset at the rear;
- xviii The dump box lights **shall** be wired to work simultaneously with the vehicle lighting system;
- xix The dump box **shall** be provided with reflectors mounted on its rear and sides; and

xxx The dump box **shall** be provided with rear mud flaps mounted on angle type spring loaded hangers or **Equivalent**.

(b) **Dump Box - 9.2 cubic metres (12 cubic yard)**

- i The vehicle **shall** be provided with a dump box having a water level volume of at least 9.2 cubic metres; and
- ii All other characteristics of the dump box **shall** be those given in paragraph 3.22 (a) ii to xxx.

(c) **Dump-Spreader Box - 4 cubic metres (5.2 cubic yard)**

- i The vehicle **shall** be provided with a dump-spreader box having a water level volume of at least 4 cubic metres;
- ii The dump-spreader box **shall** be continuously welded or **Equivalent**;
- iii The dump-spreader box **shall** be fabricated using HARDOX 450 steel or **Equivalent**;
- iv The dump-spreader box sidewalls **shall** have a height of no less than 660 mm but no more than 1,020 mm. The top of the body sidewall **shall** not be more than 2,590 mm above ground level;
- v The dump-spreader box **shall** have a width of no less than 2,130 mm and no more than 2,340 mm;
- vi The ribs **shall** be sloped to prevent accumulation of corrosive material;
- vii The dump-spreader box **shall** be provided with an inner side-dumping shell for spreader operations;
- viii The dump-spreader box **shall** be provided with the manufacturer's half-sized cab shield, braced to prevent buckling;
- ix The dump-spreader box **shall** be provided with an apron at the rear of the dump body to dispel material further away from the vehicle when dumping;
- x The dump-spreader box **shall** be painted the same colour as the vehicle.
- xi The dump-spreader box **shall** have clearance for tire chains;
- xii The dump-spreader box **shall** be provided with a safety bar (painted a high visibility colour) designed to hold the dump body in the "UP" position during maintenance operations;
- xiii The dump-spreader box **shall** be provided with a double-acting type tailgate designed for top and bottom opening with a tailgate latch;
- xiv A switch mounted in the cab **shall** control tailgate actuation. The tailgate may be air operated;
- xv The dump-spreader box **shall** be provided with a fully retractable air or electrically operated cover that is controlled by a switch mounted in the cab;

- xvi The dump-spreader box **shall** be provided with combination spreading and drop chains;
- xvii The dump-spreader box **shall** be provided with a fold-up ladder on the left front side of the box. The ladder steps **shall** be manufactured of non-slip material; and
- xviii The dump-spreader box **shall** be provided with a screen to break up loaded salt;
- xix The dump-spreader box **shall** be provided with a chain driven conveyor for moving the salt to the front chute and spinner;
- xx The conveyor tension **shall** be provided by grease activated rams or **Equivalent**;
- xxi The grease lines for the dump-spreader box hinges **shall** be routed to the outside of the longitudinal members for ease of lubrication;
- xxii The dump-spreader box **shall** be provided with a chute with a liner and a spinner mounted on the left front corner. The liner and the spinner **shall** be made of polymers;
- xxiii The dump-spreader box **shall** be provided with an electronic spreader control system that is controlled from the cab. The spreader control **shall** be a Dickie-John system or **Equivalent**;
- xxiv The control system **shall** be provided with a conveyor speed proportioning valve, a spinner speed-proportioning valve, an electronic application rate sensor, an electronic vehicle speed sensor and a digital control console with alarm;
- xxv The dump-spreader box **shall** be provided with a white LED spotlight to illuminate the spinner;
- xxvi The spotlight **shall** be controlled by a separately identified switch in the cab unless it is illuminated automatically when the spinner is activated;
- xxvii The dump-spreader box **shall** be provided with LED sealed clearance lights, LED rear stop lights, LED tail lights, and LED directional lights inset at the rear;
- xxviii The dump-spreader box lights **shall** be wired to work simultaneously with the vehicle lighting system;
- xxix The dump-spreader box **shall** be provided with reflectors mounted on its rear and sides; and
- xxx The dump-spreader box **shall** be provided with rear mud flaps mounted on angle type spring loaded hangers or **Equivalent**.

(d) **Dump-Spreader Box - 9.2 cubic metres (12 cubic yard)**

- i The vehicle **shall** be provided with a dump-spreader box having a water level volume of at least 9.2 cubic metres; and

- ii All other characteristics of the dump-spreader box **shall** be those given in paragraph 3.22 (c) ii to xxx.

(e) **Pintle Hook and Trailer Brake Control**

- i The vehicle **shall** be provided with a duplex pintle hook including a trailer brake control;
- ii The trailer brake control **shall** be mounted at the operator's station on or near the steering column;
- iii The pintle hook **shall** be a heavy-duty swivel type. The pintle hook **shall** be a Holland - Model PH 760 or **Equivalent**. Trailer safety chain towing shackles **shall** be provided. The Trailer safety chain towing shackles **shall** be Holland - Model TH-850 or **Equivalent**;
- iv The pintle hook **shall** withstand a 4,445 kg vertical load while pulling a 20,412 kg trailer;
- v The pintle hook **shall** be provided with two (2) glad hands, one on either side, connected to the braking system;
- vi The glad hand on the curb side **shall** be painted red (Emergency) and the other one **shall** be painted blue;
- vii The pintle hook assembly **shall** be provided with safety chains with towing shackles installed on each side of the pintle hook;
- viii The safety chains and towing shackles **shall** have a drawbar pull capacity of at least 4,563 kg;
- ix Plate used for the pintle hook installation **shall** be steel;
- x Stress analysis **shall** be conducted to confirm the ability of the plate to withstand the specified towed load. The analysis **shall** be provided to the Technical Authority for approval prior to the pre-production meeting; and
- xi A line drawing detailing the location of the items in the following drawing for the plate design **shall** be provided. The plate design **shall** be provided to the Technical Authority for approval prior to the pre-production meeting.

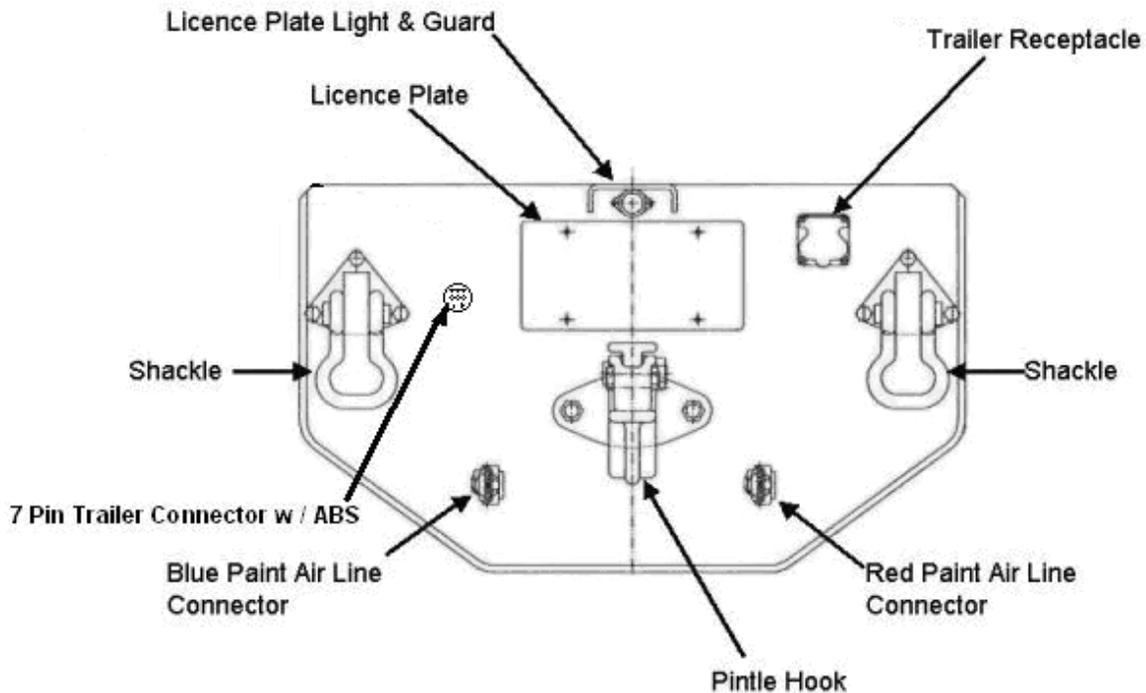


Figure 1 - Pintle Hook Plate

(f) **Front Glad Hands**

- i The vehicle **shall** be provided with two front glad hands; and
- ii The glad hand on the curb side **shall** be painted red (Emergency) and the other one **shall** be painted blue.

(g) **Drive Frame and Front Hitch**

- i The vehicle **shall** be provided with a drive frame and front hitch;
- ii The drive frame and front hitch **shall** be a quick low mounting type
- iii Front hitch provided with power tilt capability shall be provided, if the truck is equipped with a swing forward hood that may interfere with the operation of the drive frame, front hitch or plow;
- iv The power tilt capability **shall** be provided with controls inside the cab;
- v The drive frame and front hitch **shall** be provided with hydraulic lines equipped with quick disconnect couplings. All couplings **shall** have rubber cover caps;
- vi The drive frame and front hitch **shall** be provided with a suitably mounted full power hydraulically operated reversing mechanism capable of reversing the plow from right to left during snow clearing mode;
- vii The drive frame and front hitch **shall** be provided with power angle cylinders which are protected from impact by a cushion valve;

- viii The drive frame and front hitch **shall** be provided with a power lift cylinder of suitable diameter;
- ix The drive frame and front hitch **shall** be provided with a reinforced oscillating plate to enable the plow to follow the contours of the road surface;
- x The drive frame and front hitch **shall** be provided with a self-leveling device capable of keeping the cutting edge of the moldboard parallel to the road surface while in the carrying position;
- xi The drive frame and front hitch **shall** be provided with front support plates of at least 13 mm thick steel that are set back as far as possible along the truck chassis frame rails in order to provide optimum support; and
- xii The drive frame and front hitch **shall** be provided with rubber shock mounted rectangular quartz-halogen headlights with integrated directional lights positioned to provide additional lighting during plowing operations and to illuminate the frontal area when the plow is raised.

(h) **Reversible Snow Plow**

- i The vehicle **shall** be provided with a reversible snow plow;
- ii The reversible snow plow **shall** be provided with a high speed continuous curve poly material type mouldboard assembly;
- iii The reversible snow plow **shall** be adjustable to allow for various cutting edge attack angles;
- iv The reversible snow plow **shall** have a height of at least 1,000 mm;
- v The reversible snow plow **shall** have a length of at least 3,300 mm;
- vi The reversible snow plow shall be provided with a compression or torsion type trip mechanism for absorbing road shocks;
- vii The reversible snow plow **shall** be provided with a multi-section carbide steel cutting blade;
- viii The reversible snow plow **shall** be provided with at least two mouldboard shoes;
- ix The reversible snow plow **shall** be provided with two adjustable height skid shoe assemblies;
- x The reversible snow plow **shall** be provided with abrasive resistant steel curb (scuff) shoes mounted at each extremity of the blade;
- xi The reversible snow plow **shall** be provided with high visibility plow markers attached to the ends of the plow;
- xii The reversible snow plow **shall** be provided with nitrogen ride control system; and

xiii The system **shall** be connected to the plow lift cylinder in order to absorb the shock loads transferred to the truck front axle, suspension and chassis when the plow is in the carry position.

4. Integrated Logistic Support Items

4.1 Contractor Supplied Documentation and Integrated Logistic Support Items

4.1.1 Items with Each Vehicle

(a) Operator's Manuals

- i A paper copy operator's manual for the safe vehicle operation including all supplied attachments **shall** be supplied; and
- ii The operator's manual **shall** be furnished in a bilingual format or as 2 manuals (one English, and one French) in a single binder.

(b) Warranty Letter

- i A paper copy of the completed bilingual warranty letter in the approved format with each vehicle shipped **shall** be supplied;
- ii The **Technical Authority** will supply a template of an approved warranty letter to the contractor;
- iii The contractor **shall** include a complete description of the warranty in the warranty letter with the requested warranty terms and any system or sub system warranty that exceeds the minimum requested in the contractual documents;
- iv The warranty letter **shall** include the name and contact information of the closest designated warranty provider and other designated warranty providers across Canada; and
- v Designated warranty providers **shall** honour the warranty letter.

(c) Keys - Four (4) keys in accordance with paragraph 3.5 (g) **shall** be supplied.

(d) Line Setting Ticket

- i The contractor **shall** supply a line setting ticket, or **Equivalent**, listing the all components installed on the cab and chassis;
- ii One copy of the line setting ticket **shall** accompany each completed vehicle to the final delivery point;
- iii The contractor **shall** produce a supplement listing for all non-production line components and systems included; and
- iv The supplement listing **shall** indicate the name of the component or system and the company (name and address) where it is to be installed on the cab and chassis.

4.1.2 Documents Supplied to the Technical Authority

(a) Data Summary

- i A bilingual data summary **shall** be supplied for each complete vehicle make/model furnished;

- ii The **Technical Authority** will supply a template of a data summary to the contractor;
- iii The contractor **shall** supply the information requested in the template for all accessories and features for the equipment configuration;
- iv The contractor **shall** supply a digital copy (MS Word) of the completed data summary to the **Technical Authority** for approval 15 working days before delivery of the vehicle; and
- v Data summary approval or comments will be supplied within 5 working days of receipt.

(b) **Manuals for Approval**

- i A set of manuals for each complete vehicle make/model furnished, including the operator, parts and maintenance (shop repair) manuals **shall** be supplied;
- ii The manuals **shall** be supplied 15 working days before delivery of the vehicle;
- iii The set of manuals **shall** include manuals for all the specified accessories and features. Accessory manuals may be included as supplements to the vehicle manual;
- iv Manuals will not be returned; and
- v Manual approval or comments will be supplied within 15 working days of receipt.

(c) **Photographs and Line Drawings**

- i Two (2) digital colour photographs, one left-front three-quarter view, and one right-rear three-quarter view of each complete vehicle make/model furnished **shall** be supplied;
- ii One (1) digital colour photograph of each attachment taken at the three-quarter view that best illustrates the attachment **shall** be supplied;
- iii One front-view and one side-view line drawing showing dimensions of the vehicle **shall** be supplied. Brochure line drawings are acceptable;
- iv Photographs **shall** have a plain uncluttered background; and
- v Photographs **shall** be in a JPEG (Joint Photographic Experts Group) format. Photographs **shall** have a resolution of at least ten (10) Mega pixels.

- (d) **Training Plan(s)** - The contractor **shall** supply a sample training plan for approval, for each of the training requirements listed in paragraph 4.2.

4.1.3 **Additional Items - Maintenance/Parts Manuals** - Maintenance and parts manuals, in English, required for the maintenance and repair of the vehicle and accessories **shall** be supplied. Manuals on CD, DVD or on-line will be acceptable. The digital format **shall** not require a password or an Internet connection to be functional.

4.2 **Familiarization** - The familiarization training listed in the following paragraph **shall** be supplied with the vehicle.

- (a) The contractor **shall** supply a familiarization course that covers the truck cab and chassis and all integrated accessories listed in paragraph 3.22;
- (b) The course instructor **shall** be an OEM Factory Certified Training Provider for cab and chassis and all integrated accessories;
- (c) The familiarization course **shall** include operation and maintenance segments demonstrating, all safety measures required for safe vehicle use, instructions on the use of all features and accessories provided, maintenance and responses to questions;
- (d) The familiarization course **shall** include at least 1-day (8 hours) of training;
- (e) The familiarization course **shall** accommodate up to 8 personnel;
- (f) The familiarization course **shall** be supplied at the delivery destination;
- (g) The familiarization course **shall** be supplied in the official language requested;
- (h) The date for the familiarization course **shall** be arranged with the **Technical Authority**;
- (i) After completion of the familiarization course, the contractor **shall** have the "PROOF OF FAMILIARIZATION" certificate signed by the senior course attendee; and
- (j) The **Technical Authority** will supply the "PROOF OF FAMILIARIZATION" document template in a digital format.



NOTICE

This documentation has been reviewed by the technical authority and does not contain controlled goods.

AVIS

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

**APPENDIX - 1 TO ANNEX "B"
TECHNICAL INFORMATION QUESTIONNAIRE
FOR
TRUCK, CLASS 8, CHASSIS COMPLETE WITH DUMPS AND DUMP-SPREADERS**

This questionnaire covers technical information, which **shall** be provided for evaluation of the configurations of the vehicle offered.

Where the specification paragraphs below indicate "**Proof of Compliance**", the "**Proof of Compliance**" **shall** be provided for each performance requirement/specification.

Bidders should indicate the document name/title and page number where the **Proof of Compliance** can be found.

Definitions for **Equivalent** and **Proof of Compliance** are found in the DEFINITIONS section at the end of this document.

CONTRACTOR INFORMATION

Contractor Name _____

Date _____

CONFIGURATION A

VEHICLE PROVIDED WITH 4 CUBIC METRES (5.2 CU YD) DUMP SPREADER BOX WITH REVERSIBLE PLOW

	Equipment Options						Destination (Quantity)
	Dump Box - 6.9 cubic metres (9 cubic yards)	Dump - Box - 9.2 cubic metres (12 cubic yards)	Dump Spreader Box - 4 cubic metres (5.2 cubic yards)	Dump Spreader Box - 9.2 cubic metres (12 cubic yards)	Drive Frame & Front Hitch	Reversible Snow Plow	
Paragraph	3.22 (a)	3.22 (b)	3.22 (c)	3.22 (d)	3.22 (g)	3.22 (h)	
Configuration							
A			✓		✓	✓	Halifax (5)
B	✓						Gagetown (1)
C		✓					Gagetown (5)
D				✓	✓	✓	Halifax (2)

Substitutes/Alternatives

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

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

NOTE: Proof of Compliance shall be provided for all items offered as a substitute or alternative.

SPECIFICATION PARAGRAPHS

Cab & Chassis - Make _____ - Model _____

Cab & chassis details on page ____ of document _____

3.3.1 Vehicle Safety Regulations - *Proof of Compliance*

Final stage manufacturer NSM certification number with Transport Canada _____

3.4 **Performance - *Proof of Compliance*** for performance requirements **shall** be provided using a computer generated performance analysis on third party software. The analysis **shall** demonstrate top road speed, vehicle gradability at 3.2 km/h and horsepower required. The specified payload capacity and the specified towed load **shall** be used in the computer generated performance analysis (The analysis **shall** be provided using the vehicle Gross Combined Weight Rating which is the sum of the vehicle Gross Vehicle Weight Rating and the towed load for configuration A).

Computer generated performance analysis is document _____

3.5 Vehicle Cab - Standard - *Proof of Compliance*

(b) **Cab** -

Cab details on page ____ of document _____

3.5.1 Cab Features and Accessories - *Proof of Compliance*

(a) **CB Radio** - Make _____ - Model _____

CB radio details on page ____ of document _____

3.6 Chassis - *Proof of Compliance*

Frame RBM on page ____ of document _____

3.6.1 Suspension - *Proof of Compliance*

Suspension details on page ____ of document _____

3.7.1 Engine Components - *Proof of Compliance*

Make _____ - Model _____

(e) Engine compression brake on page ____ of document _____

3.7.2 Fuel System - *Proof of Compliance*

(a) Fuel system capacity on page ____ of document _____

3.7.4 Engine Features and Accessories - *Proof of Compliance*

(a) **Fuel-Fired Pre-heater**

Make _____ - Model _____

Fuel-fired pre-heater details on page ____ of document _____

3.8 **Automatic Transmission** - *Proof of Compliance*

Make _____ - Model _____

Automatic transmission details on page ____ of document _____

3.8.1 **Axles** - *Proof of Compliance*

Axle loading **shall** be demonstrated for all accessory combinations indicated for this configuration/item on load distribution analysis in page 6 of this questionnaire

Front axle - Make _____ - Model _____

Front axle details on page ____ of document _____

Rear axle - Type _____ - Make _____ - Model _____

Rear axle details on page ____ of document _____

3.11 **Wheels & Tires** - *Proof of Compliance*

(b) Front tires details on page ____ of document _____

(c) Rear tires details on page ____ of document _____

(g) The wheels details on page ____ of document _____

3.14 **Electrical System** - *Proof of Compliance*

(b) Alternator output on page ____ of document _____

(c) Battery - Quantity _____ - Make _____ - Model _____

Battery cold cranking amperes on page ____ of document _____

3.21 **Hoist** - Make _____ - Model _____

Lifting Force _____ kg

Hoist details on page ____ of document _____

3.22 **Accessories** - *Proof of Compliance*

(c) **Dump-Spreader Box - 4 cubic metres (5.2 cu yd)** - Make _____ - Model _____

Dump-spreader details on page ____ of document _____

i Water level volume on page ____ of document _____

iv Dump box sidewall height on page ____ of document _____

v Dump box width on page ____ of document _____

(e) **Pintle Hook and Trailer Brake Control**

iii Pintle hook - Make _____ - Model _____

(g) **Drive Frame and Front Hitch** - Make _____ - Model _____

Drive Frame details on page ____ of document _____

(h) **Reversible Snow Plow** - Make _____ - Model _____

Reversible snow plow details on page ____ of document _____

iv Height on page ____ of document _____

v Plow blade length on page ____ of document _____

CONFIGURATION B

VEHICLE PROVIDED WITH 6.9 CUBIC METRES (9 CU YD) DUMP BOX

	Equipment Options						Destination (Quantity)
	Dump Box - 6.9 cubic metres (9 cubic yards)	Dump - Box - 9.2 cubic metres (12 cubic yards)	Dump Spreader Box - 4 cubic metres (5.2 cubic yards)	Dump Spreader Box - 9.2 cubic metres (12 cubic yards)	Drive Frame & Front Hitch	Reversible Snow Plow	
Paragraph	3.22 (a)	3.22 (b)	3.22 (c)	3.22 (d)	3.22 (g)	3.22 (h)	
Configuration							
A			✓		✓	✓	Halifax (5)
B	✓						Gagetown (1)
C		✓					Gagetown (5)
D				✓	✓	✓	Halifax (2)

Substitutes/Alternatives

Are any substitutes/alternatives offered as **Equivalent**?

YES NO

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

NOTE: Proof of Compliance shall be provided for all items offered as a substitute or alternative.

SPECIFICATION PARAGRAPHS

Cab & Chassis - Make _____ - Model _____

Cab & chassis details on page ____ of document _____

3.3.1 Vehicle Safety Regulations - *Proof of Compliance*

Final stage manufacturer NSM certification number with Transport Canada _____

3.4 **Performance - *Proof of Compliance*** for performance requirements **shall** be provided using a computer generated performance analysis on third party software. The analysis **shall** demonstrate top road speed, vehicle gradability at 3.2 km/h and horsepower required. The specified payload capacity and the specified towed load **shall** be used in the computer generated performance analysis (The analysis **shall** be provided using the vehicle Gross Combined Weight Rating which is the sum of the vehicle Gross Vehicle Weight Rating and the towed load for configuration B).

Computer generated performance analysis is document _____

3.5 Vehicle Cab - Standard - *Proof of Compliance*

(b) **Cab** -

Cab details on page ____ of document _____

3.5.1 Cab Features and Accessories - *Proof of Compliance*

(a) **CB Radio** - Make _____ - Model _____

CB radio details on page ____ of document _____

3.6 Chassis - *Proof of Compliance*

Frame RBM on page ____ of document _____

3.6.1 Suspension - *Proof of Compliance*

Suspension details on page ____ of document _____

3.7.1 Engine Components - *Proof of Compliance*

Make _____ - Model _____

(e) Engine compression brake on page ____ of document _____

3.7.2 Fuel System - *Proof of Compliance*

(a) Fuel system capacity on page ____ of document _____

3.7.4 Engine Features and Accessories - *Proof of Compliance*

(a) **Fuel-Fired Pre-heater** - Make _____ - Model _____

Fuel-fired pre-heater details on page ____ of document _____

3.8 Automatic Transmission - *Proof of Compliance*

Make _____ - Model _____

Automatic transmission details on page ____ of document _____

3.8.1 **Axles** - *Proof of Compliance*

Axle loading **shall** be demonstrated for all accessory combinations indicated for this configuration/item on load distribution analysis in page 11 of this questionnaire

Front axle - Make _____ - Model _____

Front axle details on page ____ of document _____

Rear axle - Type _____ - Make _____ - Model _____

Rear axle details on page ____ of document _____

Lift axle - Make _____ - Model _____

Lift axle details on page ____ of document _____

3.11 **Wheels & Tires** - *Proof of Compliance*

(b) Front tires details on page ____ of document _____

(c) Rear tires details on page ____ of document _____

(g) The wheels details on page ____ of document _____

Lift axle tires details on page ____ of document _____

3.14 **Electrical System** - *Proof of Compliance*

(b) Alternator output on page ____ of document _____

(c) Battery - Quantity _____ - Make _____ - Model _____

Battery cold cranking amperes on page ____ of document _____

3.21 **Hoist** - *Proof of Compliance*

Make _____ - Model _____

Lifting Force _____ kg

Hoist details on page ____ of document _____

3.22 **Accessories** - *Proof of Compliance*

(b) **Dump- 6.9 cubic metres (9 cu yd)** - Make _____ - Model _____

Dump box details on page ____ of document _____

i Water level volume on page ____ of document _____

iv Dump box sidewall height on page ____ of document _____

v Dump box width on page ____ of document ____

(e) **Pintle Hook and Trailer Brake Control**

iii Pintle hook - Make _____ - Model _____

CONFIGURATION C

VEHICLE PROVIDED WITH 9.2 CUBIC METRES (12 CU YD) DUMP BOX

	Equipment Options						Destination (Quantity)
	Dump Box - 6.9 cubic metres (9 cubic yards)	Dump – Box - 9.2 cubic metres (12 cubic yards)	Dump Spreader Box – 4 cubic metres (5.2 cubic yards)	Dump Spreader Box – 9.2 cubic metres (12 cubic yards)	Drive Frame & Front Hitch	Reversible Snow Plow	
Paragraph	3.22 (a)	3.22 (b)	3.22 (c)	3.22 (d)	3.22 (g)	3.22 (h)	
Configuration							
A			✓		✓	✓	Halifax (5)
B	✓						Gagetown (1)
C		✓					Gagetown (5)
D				✓	✓	✓	Halifax (2)

Substitutes/Alternatives

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

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

NOTE: Proof of Compliance shall be provided for all items offered as a substitute or alternative.

SPECIFICATION PARAGRAPHS

Cab & Chassis - Proof of Compliance

Make _____ - Model _____

Cab & chassis details on page ____ of document _____

3.3.1 Vehicle Safety Regulations - Proof of Compliance

Final stage manufacturer NSM certification number with Transport Canada _____

3.4 **Performance - Proof of Compliance** for performance requirements **shall** be provided using a computer generated performance analysis on third party software. The analysis **shall** demonstrate top road speed, vehicle gradability at 3.2 km/h and horsepower required. The specified payload capacity and the specified towed load **shall** be used in the computer generated performance analysis (The analysis **shall** be provided using the vehicle Gross Combined Weight Rating which is the sum of the vehicle Gross Vehicle Weight Rating and the towed load for configuration C).

Computer generated performance analysis is document _____

3.5 Vehicle Cab - Standard - Proof of Compliance

(b) **Cab** -

Cab details on page ____ of document _____

3.5.1 Cab Features and Accessories

(a) **CB Radio** - Make _____ - Model _____

CB radio details on page ____ of document _____

3.6 Chassis - Proof of Compliance

Frame RBM on page ____ of document _____

3.6.1 Suspension - Proof of Compliance

Suspension details on page ____ of document _____

3.7.1 Engine Components - Proof of Compliance

Make _____ - Model _____

(e) Engine compression brake on page ____ of document _____

3.7.2 Fuel System

(a) Fuel system capacity on page ____ of document _____

3.7.4 Engine Features and Accessories - Proof of Compliance

(a) **Fuel-Fired Pre-heater** - Make _____ - Model _____

Fuel-fired pre-heater details on page ____ of document _____

3.8 **Automatic Transmission** - *Proof of Compliance*

Make _____ - Model _____

Automatic transmission details on page ____ of document _____

3.8.1 **Axles** - *Proof of Compliance*

Axle loading **shall** be demonstrated for all accessory combinations indicated for this configuration/item on load distribution analysis in page 16 of this questionnaire

Front axle - Make _____ - Model _____

Front axle details on page ____ of document _____

Rear axle - Type _____ - Make _____ - Model _____

Rear axle details on page ____ of document _____

Lift axle - Make _____ - Model _____

Lift axle details on page ____ of document _____

3.11 **Wheels & Tires** - *Proof of Compliance*

(b) Front tires details on page ____ of document _____

(c) Rear tires details on page ____ of document _____

(g) The wheels details on page ____ of document _____

Lift axle tires details on page ____ of document _____

3.14 **Electrical System** - *Proof of Compliance*

(b) Alternator output on page ____ of document _____

(c) Battery - Quantity _____ - Make _____ - Model _____

Battery cold cranking amperes on page ____ of document _____

3.21 **Hoist** - *Proof of Compliance*

Make _____ - Model _____

Lifting Force _____ kg

Hoist details on page ____ of document _____

3.22 **Accessories** - *Proof of Compliance*

(c) **Dump- 9 cubic metres (12 cu yd)** - Make _____ - Model _____

Dump box details on page ____ of document _____

i Water level volume on page ____ of document _____

iv Dump box sidewall height on page ____ of document _____

v Dump box width on page ____ of document _____

(e) **Pintle Hook and Trailer Brake Control**

iii Pintle hook - Make _____ - Model _____

CONFIGURATION D

VEHICLE PROVIDED WITH 9 CUBIC METRES (12 CU YD) DUMP SPREADER BOX WITH REVERSIBLE PLOW

	Equipment Options						Destination (Quantity)
	Dump Box - 6.9 cubic metres (9 cubic yards)	Dump - Box - 9.2 cubic metres (12 cubic yards)	Dump Spreader Box - 4 cubic metres (5.2 cubic yards)	Dump Spreader Box - 9.2 cubic metres (12 cubic yards)	Drive Frame & Front Hitch	Reversible Snow Plow	
Paragraph	3.22 (a)	3.22 (b)	3.22 (c)	3.22 (d)	3.22 (g)	3.22 (h)	
Configuration							
A			✓		✓	✓	Halifax (5)
B	✓						Gagetown (1)
C		✓					Gagetown (5)
D				✓	✓	✓	Halifax (2)

Substitutes/Alternatives

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

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

NOTE: Proof of Compliance shall be provided for all items offered as a substitute or alternative.

SPECIFICATION PARAGRAPHS

Cab & Chassis - Make _____ - Model _____

Cab & chassis details on page ____ of document _____

3.3.1 Vehicle Safety Regulations - *Proof of Compliance*

Final stage manufacturer NSM certification number with Transport Canada _____

3.4 **Performance** - *Proof of Compliance* for performance requirements **shall** be provided using a computer generated performance analysis on third party software. The analysis **shall** demonstrate top road speed, vehicle gradability at 3.2 km/h and horsepower required. The specified payload capacity and the specified towed load **shall** be used in the computer generated performance analysis (The analysis **shall** be provided using the vehicle Gross Combined Weight Rating which is the sum of the vehicle Gross Vehicle Weight Rating and the towed load for configuration D). Computer generated performance analysis is document _____

3.5 Vehicle Cab - Standard - *Proof of Compliance*

(b) **Cab** -

Cab details on page ____ of document _____

3.5.1 Cab Features and Accessories - *Proof of Compliance*

(a) **CB Radio** - Make _____ - Model _____

CB radio details on page ____ of document _____

3.6 Chassis - *Proof of Compliance*

Frame RBM on page ____ of document _____

3.6.1 Suspension - *Proof of Compliance*

Suspension details on page ____ of document _____

3.7.1 Engine Components - *Proof of Compliance*

Make _____ - Model _____

(e) Engine compression brake on page ____ of document _____

3.7.2 Fuel System - *Proof of Compliance*

(a) Fuel system capacity on page ____ of document _____

3.7.4 Engine Features and Accessories - *Proof of Compliance*

(a) **Fuel-Fired Pre-heater** - Make _____ - Model _____

Fuel-fired pre-heater details on page ____ of document _____

3.8 Automatic Transmission - *Proof of Compliance*

Make _____ - Model _____

Automatic transmission details on page ____ of document _____

3.8.1 **Axles** - *Proof of Compliance*

Axle loading **shall** be demonstrated for all accessory combinations indicated for this configuration/item on load distribution analysis in page 21 of this questionnaire

Front axle - Make _____ - Model _____

Front axle details on page ____ of document _____

Rear axle - Type _____ - Make _____ - Model _____

Rear axle details on page ____ of document _____

Lift axle - Make _____ - Model _____

Lift axle details on page ____ of document _____

3.11 **Wheels & Tires** - *Proof of Compliance*

(b) Front tires details on page ____ of document _____

(c) Rear tires details on page ____ of document _____

(g) The wheels details on page ____ of document _____

Lift axle tires details on page ____ of document _____

3.14 **Electrical System** - *Proof of Compliance*

(b) Alternator output on page ____ of document _____

(c) Battery - Quantity _____ - Make _____ - Model _____

Battery cold cranking amperes on page ____ of document _____

3.21 **Hoist** - *Proof of Compliance*

Make _____ - Model _____

Lifting Force _____ kg

Hoist details on page ____ of document _____

3.22 **Accessories** - *Proof of Compliance*

(d) **Dump-Spreader Box - 9.2 cubic metres (12 cu yd)** - Make _____ - Model _____

Dump-spreader box details on page ____ of document _____

i Water level volume on page ____ of document _____

iv Dump box sidewall height on page ____ of document _____

v Dump box width on page ____ of document _____

(e) **Pintle Hook and Trailer Brake Control**

iii Pintle hook - Make _____ - Model _____

(g) **Drive Frame and Front Hitch** - Make _____ - Model _____

Drive Frame details on page ____ of document _____

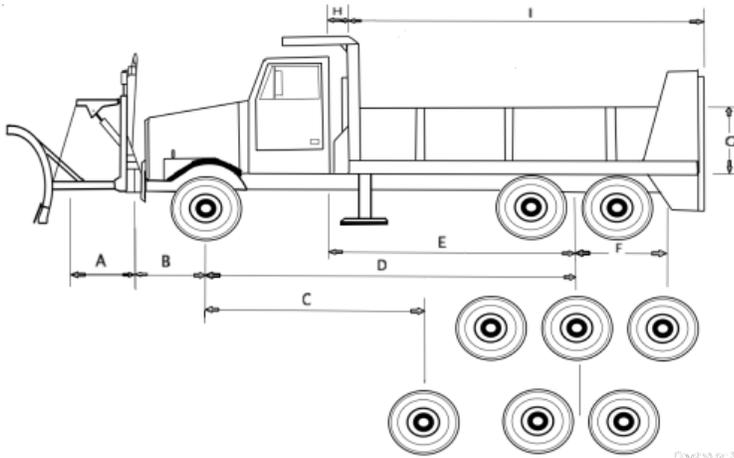
(h) **Reversible Snow Plow** - Make _____ - Model _____

Reversible snow plow details on page ____ of document _____

iv Height on page ____ of document _____

v Plow blade length on page ____ of document _____

VEHICLE PROVIDED WITH 9 CUBIC METRES (12 CU YD) DUMP SPREADER BOX WITH REVERSIBLE PLOW



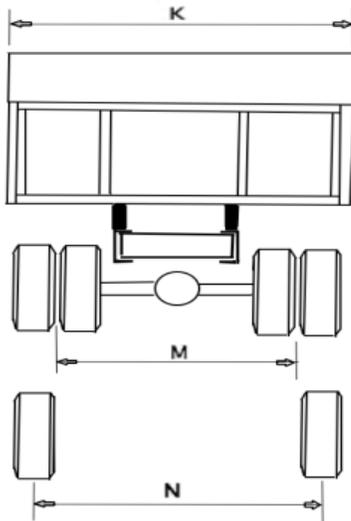
- A = LOAD DISTANCE OF FRONT PLOW
- B = FRONT BUMPER TO FRONT AXLE
- D = WHEEL BASE
- E = BACK OF CAB TO REAR AXLE
- F = REAR AXLE TO END OF CHASSIS
- G = HEIGHT OF DUMP SPREADER BOX
- H = BACK OF CAB TO FRONT OF BOX
- I = LENGTH OF DUMP SPREADER BOX
- K = OUTSIDE WIDTH OF DUMP SPREADER BOX
- M = TRACK OF REAR WHEELS
- N = TRACK OF FRONT WHEELS

REAR AXLE FORMAT

- TANDEM
- TRIDEM
- TANDEM W/ 1 LIFT AXLE

VALUES FOR REQUIRED DIMENSIONS

A	mm
B	mm
D	mm
E	mm
F	mm
G	mm
H	mm
I	mm
K	mm
M	mm
N	mm
IF LIFT AXLE IS INSTALLED	
C	mm



WEIGHT OF COMPONENTS

- TRUCK CAB AND CHASSIS KG
- DUMP SPREADER BOX KG
- PLOW KG
- PAYLOAD KG

LOAD ANALYSIS

	COMPLETE VEHICLE CURB WEIGHT	VEHICLE W/PAYLOAD (@ GVW)	GROSS AXLE WEIGHT RATINGS
FRONT AXLE	KG	KG	KG
% PAYLOAD TRANSFER TO FRONT AXLE		%	
REAR TANDEM	KG	KG	KG
REAR TRIDEM	KG	KG	KG
LIFT AXLE		KG	KG

DEFINITIONS

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

- (a) "**Equivalent**" *shall* mean a standard, means, or component type, which the **Technical Authority** has approved for this requirement as meeting the specified requirements for fit, form, function and performance; and
- (b) "**Proof of Compliance**" *shall* mean an unaltered document, such as a brochure and/or technical literature and/or a third party test report provided by a nationally and/or internationally recognized testing facility and/or a report generated by a nationally and/or internationally recognized third party software. The document *shall* provide detailed information on each performance requirement and/or specification. Where a document submitted as **Proof of Compliance** does not cover all the performance requirements and/or specifications or when no such document is available or when modifications to the original equipment or customization are required to achieve the performance requirements and/or specifications, a Certificate of Attestation (as a separate document) signed by a senior engineer representing the Original Equipment Manufacturer (OEM) detailing the modifications and how they meet the performance requirements and/or specifications *shall* be provided. The certificate *shall* detail all performance requirements and/or specifications required to substantiate compliance. One certificate can be provided for one or all performance requirements and/or specifications.

ANNEX “C” to PART 5 – BID SOLICITATION

**FEDERAL CONTRACTORS PROGRAM FOR EMPLOYMENT EQUITY -
CERTIFICATION**

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

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

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

Complete both A and B.

A. Check only one of the following:

- A1. The Bidder certifies having no work force in Canada.
- A2. The Bidder certifies being a public sector employer.
- A3. The Bidder certifies being a federally regulated employer being subject to the *Employment Equity Act*.
- A4. The Bidder certifies having a combined work force in Canada of less than 100 employees (combined work force includes: permanent full-time, permanent part-time and temporary employees [temporary employees only includes those who have worked 12 weeks or more during a calendar year and who are not full-time students]).
- A5. The Bidder has a combined workforce in Canada of 100 or more employees; and
 - A5.1. The Bidder certifies already having a valid and current Agreement to Implement Employment Equity (AIEE) in place with ESDC - Labour.

OR

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