



RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Bid Receiving Public Works and Government Services Canada/Réception des soumissions Travaux publics et Services gouvernementaux Canada
1713 Bedford Row
Halifax, N.S./Halifax, (N.É.)
Halifax
Nova Scotia
B3J 1T3
Bid Fax: (902) 496-5016

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 with Snow Clearing Equipment	
Solicitation No. - N° de l'invitation 5P128-190034/A	Date 2019-05-24
Client Reference No. - N° de référence du client 5P128-19-0034	
GETS Reference No. - N° de référence de SEAG PW-\$HAL-307-10707	
File No. - N° de dossier HAL-9-83020 (307)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-07-04	Time Zone Fuseau horaire Atlantic Daylight Saving Time ADT
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: Stevenson, Jacquelyn	Buyer Id - Id de l'acheteur hal307
Telephone No. - N° de téléphone (902) 403-3520 ()	FAX No. - N° de FAX (902) 496-5016
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: PARKS CANADA NATL HISTORIC SITE 259 PARK SERVICE RD LOUISBOURG NOVA SCOTIA B1C2L2 Canada	

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

Atlantic Region Acquisitions/Région de l'Atlantique
Acquisitions
1713 Bedford Row
Halifax, N.S./Halifax, (N.É.)
Halifax
Nova Scot
B3J 1T3

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

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PART 1 - GENERAL INFORMATION

1.1 Security Requirements

There is no security

1.2 Statement of Requirement

Public Works and Government Services Canada on behalf of Parks Canada has a requirement for the supply of ONE (1) NEW 6x6 Diesel Truck fitted with a salt, sand, brine, plus wing and snow blade setup for plowing snow as detailed in Annex A to be delivered FOB to 37486 Cabot Trail Ingonish Beach, Nova Scotia B0C 1L0

1.3 Debriefings

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

1.4 Trade Agreements

The requirement is subject to the provisions of the North American Free Trade Agreement (NAFTA), the Canada-European Union Comprehensive Economic and Trade Agreement (CETA), and the Canadian Free Trade Agreement (CFTA).

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

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

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

The [2003](#) (2018.05.22) 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: 60 days
Insert: 120 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 in the bid solicitation.

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than **FIVE 5** calendar days before the bid closing date. Enquiries received after that time may not be answered.

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

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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 **Nova Scotia**.

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

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

Canada requests that the Bidder submits its bid in separately bound sections as follows:

Section I: Technical Bid	ONE Hard Copy
Section II: Financial Bid	ONE Hard Copy
Section III: Certifications	ONE Hard Copy

If there is a discrepancy between the wording of the soft copy on electronic media and the hard copy, the wording of the hard copy will have priority over the wording of the soft copy.

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

Canada requests that bidders follow the format instructions described below in the preparation of hard copy 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](https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573) (https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573). To assist Canada in reaching its objectives, bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 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:

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

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment.

3.1.1 Electronic Payment of Invoices – Bid

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

If Annex “C” Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

3.1.2 Exchange Rate Fluctuation

C3010T (2014-11-27), Exchange Rate Fluctuation Risk Mitigation,

3.1.3 SACC Manual Clauses

Section III: Certifications

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

3.1.4 After Sales Service

Canada requests that the Bidder provide the names, addresses and telephone numbers of their dealers and/or agents authorized to provide after sales service, maintenance and warranty repairs, and a full range of repair parts for the vehicle/equipment offered. The Bidder should show the distance between the delivery location and the authorized dealer and/or agent and the delivery location, which should not be more than 100 kilometres.

Name:

Telephone No.:

Facsimile No.:

E-mail address:

Distance between delivery location and authorized dealer:

3.1.5 Manufacturer’s Standard Warranty Period

Canada requests that the Bidder provide details of the manufacturer's standard warranty period for the vehicle/equipment and its component that exceeds the minimum warranty period of twelve (12) months. Any additional manufacturer’s standard warranty such as those derived from the Original Equipment Manufacturer (OEM) for component/sub-assemblies will form part of the proposed contract. and any ancillary items. **Any extended warranty period offered will not be included in the financial evaluation.**

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

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

4.1.1 Financial Evaluation

4.1.1.1 Mandatory Financial Criteria

Any bid which fails to meet the following mandatory financial criteria will be deemed nonresponsive and will receive no further consideration:

- a) Bids must not contain any alteration to Annex "B" - Basis of Payment, other than the addition of the Bidder's firm pricing for the Item.
- b) Bids must not contain any condition or qualification placed upon the bid.
- c) Pricing must be firm in Canadian currency, excluding applicable taxes, and must not be indexed or tied to an escalation factor.

4.2 Basis of Selection

4.2.1 Basis of Selection – Low Bid

SACC Manual Clause **A0069T** 2007-05-25 Basis of Selection

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

5.2 Certifications Precedent to Contract Award and Additional Information

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

5.2.1 Integrity Provisions – Required Documentation

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

PART 6 - RESULTING CONTRACT CLAUSES

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

6.1 Security Requirements

6.1.1 There is no security requirement applicable to the Contract.

6.2 Statement of Requirement

The Contractor must provide the items detailed under the "Requirement" at Annex "A".

6.3 Standard Clauses and Conditions

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

6.3.1 General Conditions

2010A (2018-06-21), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

6.4 Term of Contract

6.4.1 Period of the Contract

The period of the Contract is from date of Contract to December 31 2019 inclusive

6.4.2 Delivery Date

All the deliverables must be received on or before **November 30, 2019**

6.4.5 Delivery Points

Delivery of the requirement will be made to delivery point(s) specified at Annex "B" of the Contract.

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6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: **JACQUELYN STEVENSON**
Title: SUPPLY SPECIALIST
Public Works and Government Services Canada
Acquisitions Branch
Address: 1713 Bedford Row, Halifax, Nova Scotia, B3J 3C9

Telephone: 902.403.3520
Facsimile: 902.496.5016
E-mail address: jacquelyn.stevenson@pwgsc.gc.ca

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

6.5.2 Technical Authority

The Project Authority for the Contract is: - **to be provided at contract award.**

Name:
Title:
Organization:
Address:

Telephone:
Facsimile:
E-mail address:

The Project Authority is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Project Authority, however the Project 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.

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6.5.3 Contractor's Representative

Please Provide Required Information

Name:
Title:
Organization:
Address:

Telephone:
Facsimile:
E-mail address:

6.6 Payment

6.6.1 Basis of Payment

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

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

6.6.2 Limitation of Price

SACC Manual clause C6000C (2017-08-17) Limitation of Price

6.6.3 SACC Manual Clauses

SACC Manual Clause C0100C (2010-01-11) Discretionary Audit - Commercial Goods and/or Services
SACC Manual clause H1000C (2008-05-12) Single Payment

6.6.4 Electronic Payment of Invoices – Contract

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

- a. Visa Acquisition Card;
- b. MasterCard Acquisition Card;
- c. Direct Deposit (Domestic and International);

6.7 Invoicing Instructions

The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.

6.8 Certifications and Additional Information

6.8.1 Compliance

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

6.9 Applicable Laws

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

6.10 Priority of Documents

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

- (a) the Articles of Agreement;
- (b) general conditions 2010A (2018-06-21) Goods – Medium Complexity;
- (d) Annex A, Statement of Requirement;
- (d) Annex B, Basis of Payment;
- (e) Annex C, Electronic Payment
- (f) **the Contractor's bid dated _____**

6.11 SACC Manual Clauses

SACC Manual Clause **G1005C (2016-01-28)** Insurance - No Specific Requirement
SACC Manual Clause **B7500C (2006-06-16)** Excess Goods

6.12 Inspection and Acceptance

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

ANNEX "A"

STATEMENT OF REQUIREMENT

Parks Canada requires the supply of ONE (1) NEW 6x6 Diesel Truck fitted with a salt, sand, brine, plus wing and snow blade setup for plowing snow as detailed in Annex A to be delivered FOB to 37486 Cabot Trail Ingonish Beach, Nova Scotia B0C 1L0

Deliverables - MANDATORY Technical Specifications

To complete the NEW 6x6 Diesel Truck fitted with a salt, sand, brine, plus wing and snow blade system **must** meet or exceed each of the following specifications outlined in Annex A.

GENERAL REQUIREMENTS

Standard Requirements - The vehicle supplied under this specification must be new and the manufacturer's latest model standard commercial product and must have demonstrated industry acceptance by having been manufactured in significant numbers. Must have been proven in service for the application specified.

The vehicle supplied under this specification must be a four wheel drive truck embodying an automatic transmission, a diesel engine, and a tilt forward hood. The vehicle supplied must be complete with all accessories furnished and installed on this type of vehicle, whether specified herein or not, to enable the vehicle to function reliably and efficiently under all conditions of service.

The vehicle must operate without failure of components when loaded to the maximum GVW specified. The vehicle must satisfactory operate in ambient temperatures down to -40 degrees Celsius.

DELIVERY

Pre-delivery – A pre-delivery service must be completed by the truck manufacturer's dealer prior to delivery. The truck must be lubricated and serviced with all associated products suitable for the climatic conditions in the area the truck will operate.

Documentation – All necessary documentation (origin certificate, weight ticket, or new vehicle information statement, etc.) required for licensing the vehicle for road use, by the issuing provincial authority, must be provided to the consignee when the vehicle is delivered.

Inspection – The Contractor must ensure that the vehicle are thoroughly tested, inspected, and that all deviations are corrected prior to delivery. A final inspection will be completed by the consignee at time of delivery.

WARRANTY AND MANUALS

Manuals – Contractor must provide one copy of maintenance manuals for each truck chassis and one copy of the manufacturer’s maintenance and parts manuals for the transmission, engine, rear axle, snow plow and dump box. All manuals must be delivered with the truck.

Warranty period – Provide warranty on all components and repair labour from the date, mileage and hours on the unit when it is initiated into service. State the warranty term.

Dealer – Specify the dealer responsible for performing any required warranty repairs, and provide the name and phone number of the person to be contacted should warranty repairs be required.

Delivery Address

37486 Cabot Trail Ingonish Beach, Nova Scotia B0C 1L0

Delivery and On-Site Acceptance at the Project Authority Site

Upon delivery, Parks Canada will conduct the final acceptance inspection. The supplier must repair any damage to the vehicle or ancillary equipment resulting from shipping, to the satisfaction of Parks Canada team. Acceptance of the systems will only occur once all above specifications have been met and a thorough inspection reveals no flaws, cracks, failures of any kind. The warranty period will commence upon final acceptance by Parks Canada.

The supplier will be responsible for all direct and indirect cost of labour, tools, equipment rental, materials and supplies required and associated to the delivery, package, transport, and installation of all the deliverables.

Final Inspection:

The supplier must provide personnel, as required, to resolve questions and to demonstrate equipment operation maintenance accessibility, removal and installation.

A.	Basic Truck Specification	MANDATORY	DESIRABLE	YES	NO
1	This unit must be one NEW 6x6 diesel Truck fitted with a salt, sand, brine, plus wing and snow blade setup for plowing snow.	M			
2	Unit must have a minimum WR of 30,000 kg (66,000 lbs.)	M			
3	This unit must have the capabilities of being operated by one man or two men, with ease of controls being transferred.	M			
4	Wheel base must be a maximum of 5715 mm (225" in)	M			
5	This truck must be delivered complete with mounted equipment: Snow blade, wing "U" / "V" type dump body with salt/sand /brine (pre wet) application systems. Extra lighting, rear towing hook, auto greasing system.	M			

6	Truck must have an overall length not exceed 39 feet 4 inches in length from front edge of plow combo to rear of unit.	M			
B	Engine Specification				
1	Engine must be diesel, meeting current Canadian Emissions certification.	M			
2	Engine must be supplied with a front crank shaft adaptor for driving hydraulic pumps coupled to front of engines crankshaft.	M			
3	Engine electronic control modules and sensors and electrical connections must be completely sealed against, dust, moisture, resist, corrosion and premature wear.	M			
4	Engine must have a minimum of 1600 lbs/ft torque and minimum 400 horse power	M			
5	Engine must have a heavy-duty twelve volt starting and charging system.	M			
6	Alternator must be a heavy- duty brushless type.	M			
7	Machine must have heavy- duty maintenance free batteries with a minimum CCA of 1950.	M			
8	Batteries preferably to be located on driver's side of vehicle.		D		
9	A heavy-duty electric starter must be standard.	M			
10	Radiator and all other coolers must have the capability of cooling all system during long periods of operation in extreme conditions.	M			
11	All engine and other service filters must have easy access example: (oil, fuel, air, hydraulic and cabin air).	M			
12	Engine coolant must have a minimum anti-freeze capability of – 40' C.	M			
13	Engine must have multiple level engine brake.(Three stage type)	M			
14	Exhaust must be a vertical type and be placed to allow for clear back of cab.	M			
15	Engine must be equipped with a 120 volt operated block heater with easy outside access	M			
16	Engine must be equipped with a cold weather starting aid.	M			
17	Engine must be configured to provide constant net horsepower at full load.	M			
18	Engines fuel must be contained in an aluminum fuel tank with a minimum capacity of 454 liters (100 imp. Gals) mounted on left side of truck. Cab entering steps mounted on fuel tank, bottom step must be as close as possible to 43.18 cm (17" inches) form ground for ease of cab entry.	M			
C.	Power Train / Transmission Specification				
1	Truck must have a heavy-duty <u>automatic</u> transmission.	M			
2	Truck must have a heavy-duty one speed transfer case enabling full engage and full disengage of front axle from within cab.	M			
3	If transmission or transfer cases require oil coolers they must be fitted with oil cooling line that have stainless steel fittings.	M			

4	This unit must be capable of operating at lower and moderate speeds with the front axle engaged for long periods of time under heavy loads, example :(Pushing heavy wet snow up steep mountainous inclines fully loaded) without causing over heating or damage to engine, power-train, axles or transmission.	M			
D.	Axles Specification				
1	Front axle must be a steerable, drivable single reduction with minimum of 9,072 kg (20,000 lbs) axle weight capacity.	M			
2	Tandem rear axle assembly must be a minimum capacity of 20,865 kg (46,000lbs.).	M			
3	Each rear axle must be a minimum of 10,433 kg (23,000 lbs), and have the capability of individual differential lock up with manual control by operator in cab when needed.	M			
4	The spread between rear axles must be kept as close as possible. This truck must have the ability to turn a tight radius in difficult spots.	M			
5	Rear axle assembly must have a power divider lock up and have the ability to manually control it from cab by operator when needed.	M			
6	Electronic or other types of controls must be installed to prevent differential lock, or power divider from being accidentally engaged during unD speeds that would cause damage to axles or axles internal parts.	M			
E.	Steering Specification				
1	Steering must be controlled by dual heavy-duty steering boxes having hydraulic assist	M			
2	Steering must be hydraulically operated with a safety override in the event of engine failure, enabling operator to steer the truck to safety.	M			
F.	Brakes Specification				
1	Brakes must be air operated, and on all six wheels, with a capability of stopping machine on steep grades repeatedly without overheating.	M			
2	Brake linings must be a non asbestos type.	M			
3	Brakes must be controlled through auto slack adjusters and S cams on all six wheels.	M			
4	Truck must be equipped with an all wheel anti locking braking system, with no traction control system incorporated.	M			
5	Air tanks and plumbing for braking system must be mounted in such a way as to not interfere with the mounting of the wing and wing posts on the right side of truck, and back of cab clear.	M			
6	Trucks air system for operating braking system must have and air drying system install.	M			
7	Trucks air tanks for operating braking system must be equipped with auto moisture drains located on each tank.	M			

8	A parking/ emergency brake must be separate from regular service brakes.	M			
G. Front and Rear Suspension Specification					
1	Rear suspension must have a minimum weight capacity of 20,865.25 kg (46,000lbs).	M			
2	Rear suspension must be a heavy-duty (air spring / bag) type, with shock absorbers.	M			
3	Rear suspension must have the ability to auto level and balance from side to side and front to rear of rear axles quickly for use on rough and steep inclines.	M			
4	Front suspension must have a minimum weight capacity of 9,071.85 kg (20,000 lbs).	M			
5	Front suspension must be a leaf type spring with shock absorbers.	M			
6	Front suspension must have a (aeon rubber bumper spring) or equivalent between center of U bold bracket and frame to prevent bottoming out of front suspension while under heavy loads, on rough road when snow blade and wing are in the up position, adding the extra weight during travel.	M			
7	Front and rear suspensions must be kept as low as possible, keeping drive angles from being too steep, and the center of gravity from being too high.				
8	Rear suspension must have and in cab pressure monitoring system available to operator.	M			
H Wheels and Tires					
1	All wheels must be of a hub type pilot.	M			
2	Rear wheels must be an aluminum type with minimum weight rating of 3,356.58 kg (7,400 lbs).	M			
3	Front wheels must have a minimum weight rating of 5,805.98 kg (12,800 lbs).	M			
4	Front tires must be steel belted radial 445/65 R22.5 with a minimum 16 ply rating and a mud and snow grip		D		
5	Rear tires must be steel belted radial 12.00 R 22.5 with a minimum 16 ply rating and a mud and snow grip		D		
6	There must be one front tire mounted on aluminum wheel, and one rear tire mounted on aluminum wheel.	M			
7	The truck should come with a full set of rear tire chains and tighteners.	M			
I. Frame Specification					
1	Frame must have minimum yield strength of 54,431.08kg psi (120,000 psi).	M			
2	Frame must be a double "C" channel type frame, heat treated alloy steel.	M			

3	If frame or flanges are welded, cut or scalloped for any reason during build or equipment installation. It must be M in these areas to have an engineer approved repair to meet the manufactures specification maintaining strength of frame rails and webbing.	M			
4	The front section of frame, from the trucks grill forward must be extended to allow for front snow plow and wing mounting gear to be installed.	M			
5	The rear part of frame must be extended to accommodate a salt /sand spreader "U" /"V" type dump-body and tow hitch to be installed.	M			
J	Operator's Station Specification				
1	Cab sound levels must be a maximum of 72 dB (A) for quiet operation.	M			
2	Cab must be equipped with a climate controls system A/C and heat.	M			
3	Cab must be equipped with an interior lighting	M			
4	Cab must be equipped with AM/FM radio with a CD Player option/ Bluetooth capable for handsfree.				
5	Unit must be equipped with intermitting wipers and a heavy-duty motor and linkage, plus a large capacity washer fluid reservoir.	M			
6	Unit must have cab entry/assist handles, left and right sides.	M			
7	Driver and passenger seats must be three way adjustable air ride type seats, with cloth upholstery, Arm rests, and high backs.	M			
8	A fan must be mounted central in cab for extra air circulation if needed.	M			
9	Standard manufactured rear view mirrors (heated) must be installed.	M			
10	An extra mirror must mounted below the standard manufactured mirror on the left side of truck, with an approx. Size of 17.78 cm X 25.40 cm (7"X10") inches (non convex type) for viewing salt/sand application of material from chute to road.	M			
11	Another mirror must be mounted on the front wing mast approx.15.24 cm X 33.02cm (6"X13") inches in size, pointing rearward for visibility of wing during operation.	M			
12	A down view type mirror must be mounted over passenger door.	M			
13	Cab must have electric operated windows for left and right doors. The controls for operating these windows must be within easy reach of driver.	M			
14	In cab gauge package must include amp meter/voltmeter, hour meter, coolant temperature gauge, engine oil pressure gauge, fuel level gauge, tachometer, speedometer/odometer in kilometers and air pressure gauges.	M			
15	In cab dash lights must include low oil pressure, high coolant temp, front axle engage /disengage and low air,	M			
16	An audible warning device must be in cab for high coolant temp, low oil pressure and low air pressure.	M			

17	Electric defrosts left and right side windows and front windshield (if available).		D		
18	There must be six extra switches in cab wired through relays, and made available for added lighting that will be installed during body ,plow and wing installation as mentioned in the information listed further in this document. They must be mounted within reach of operator.	M			
19	There must be a road and air temperature display in cab equivalent to a (RoadWatch ss system).	M			
20	A battery system master disconnect switch must be install; (preference location is to mount switch inside cab).	M			
21	There must be additional controls mounted in cab for controlling front snow blade, side wing, salt/sand /brine pre wet) application systems (and body bump. This truck is intended to be used as one man, or two man operation. That means the controls for this operation must be installed in such a way as, that they can be switched readily from a one man operation to a two man operation and back in less than five minutes without the need for tools to perform this operation. When in the one man operation mode all controls must be within easy access of driver. When in the two man operation mode, these said controls must be within easy access of the second man in the passenger seat after being switched.	M			
22	An exterior camera system and an interior monitor must be installed with a large enough screen for easy visibility for operator during the one man operation of wing and salt/sand spreader. The system must have the capability of hooking up at least three cameras. Wing, spreader and rear view for backing up in intersections.	M			
K.	Outside Lights Specification				
1	All this vehicles lighting, except for headlights must be LED type lights.	M			
2	This truck will be traveling on the public roadways, and the lighting and reflector package must meet: The Province of Nova Scotia and transport Canada's requirements for this type vehicle lighting.	M			
L.	Extra Lighting Specification				
1	One 360 degrees flashing amber light must be mounted on the highest point forward in the center of truck or dump body. No holes must be made in cabs roof for mounting of this light. A manual operated switch must be mounted in cab.	M			
2	Two rear flashing amber LED lights must be mounted one on left and one on right side of dump body and conformed in rubber grommets. A manual operated switch must be mounted in cab.	M			

3	The front plow lights must be mounted on a aluminum or stainless bracket or brackets with rubber isolators on the hood ,fenders or rad support with plow lights equivalent to a Truck-lite 7" Led light with built in heat elements in the lenses # These lights must be hooked up so the trucks original high/ low beam switch and dash indicator works for both sets of lights. Lights must not be mounted on plow frame assembly.	M			
4	Install left and right driving lights equivalent to (UBL AG4620 or HELLA 00-699-1654), they must be mounted on separate aluminum or stainless steel brackets and mounted as close as possible on to the plow lights. These lights must be controlled by an in cab manually operated switch, wired through relays. Lights must not be mounted on plow frame assembly.	M			
5	A set of high intensity backup lights must be installed, they must be hooked up separate the original manufactured backup lights, with an in cab manually operated switch wired through a relay and powered through the back-up light system.	M			
6	A high intensity light must be installed on the right side near the top of rear wing mast pointing down ward to provide light for camera and operation of wing during darkness This light must have an in cab manually operated switch wired through a relay.	M			
7	A light must be installed on the left side of truck, near the salt/sand chute to provide visibility to operator during the dark, enabling operator to monitor material applications.	M			
8	One Back up alarm must be installed, and operate automatically whenever unit is in reverse gear.	M			
9	All wiring and connectors for the extra lighting or where a splice has to be made in original manufactured harness, must be sealed with a weather proof type connector or splice to protect against corrosion.	M			
10	All cables and harnesses for original manufactured lights and controls, or later mounted lights or controls must be fastened in enough places to with stand ice and snow build up without causing damage to harnesses, cables or connectors.	M			
M	Paint Specification	M			
1	1 - Exterior of cab must be painted manufacture white, with the top portion of hood facing the windshield painted flat black.	M			
2	2 - Frame must be painted with an anti corrosive high quality type paint. Color black.	M			
3	3 - All other mounted equipment, unless they are stainless steel or aluminum, example: (Dump body, plow frame, wing masts. hydraulic tanks, control valve cabinets, etc) must be painted with a high quality anti corrosive type paint. Black or Gray	M			

N	Mounted Equipment Specification				
1	Bidder must supply and install One 3.35 meters (11' ft) Heavy-duty one way snow plow blade that discharges to the right.(blower style) with a 2.835 meters (9'ft3" inch) clearing path.	M			
2	Snow blade must have a solid steel moldboard, with a polymer liner bolted on top of the inside surface.	M			
3	Snow blade must have a tripping mechanism on moldboard or cutting edge for safety reasons. If compression springs is used they must have safety caps.	M			
4	Snow blade must be delivered with a three piece removable cutting edge that has carbide- tungsten inserts bolted together on blade with a one piece carbon steel cutting edge. Changeable nose piece must be used.	M			
5	Snow blade must be supplied with a heavy- duty push frame	M			
6	Snow blade and the front wing mast must bolt along with cheek plates as close to grill of truck as possible. This snow blade mounting plate must be capable of tilting forward to enable access for servicing engine if trucks engine hood tilts forward.	M			
7	Snow blade and front wing mast mounting frame. The pin holes for mounting snow blade must be located at 77.47 cm (30.5" inch) apart to centres. This is to match an existing "plow blade we already have, and will be used along with the new snow blade being ordered depending on the need.	M			
8	Bidder must supply and install one 3.35 meter (11'ft cutting edge length) right side wing assembly and all it components.	M			
9	Wing must be delivered with a three piece removable cutting edge that has carbide- tungsten inserts bolted together on blade with a one piece carbon steel cutting edge. Wing arm should be 5ft in length max. from truck mount to wing mount.	M			
10	Wings moldboard must be constructed using a steel that is equivalent in consistency and strength to a hardox HB 450 having a thickness of 6.25 mm (¼"inch).(written proof required).	M			
11	There must be a Heavy-duty 152.4 cm.(60"inch) full hydraulic front wing mast assembly	M			
12	There must be a Heavy-duty 152.4 cm. (60"inch) full hydraulic rear wing mast assembly, with a three point adjustable rear attachment.	M			
13	Wing must be equipped with a trip mechanism for safety	M			
14	There must be an air travel positioner to allow wing to be transported without impairing the passenger side window view: explanation of "air travel positioner" is, that it allows the wing to be locked in a position below the right side mirror, preventing it from creeping down and allowing clear visibility for operator of the right side window and mirror without obstruction when travelling and the wing is not in use.	M			

15	The controls for raising and lowering heel and the toe of wing must be a feathering type hydraulic control.	M			
16	Bidder must supply and install one COMBINATION SALT/SAND/ SPREADER/ DUMPABLE "U" OR "V" STYLE BODY WITH A BRINE (PRE WET) APPLICATION SYSTEMS.	M			
17	Body must be a 4.267 meter (14'ft) body in length, with an 11.29 cu. meters (12.35 cu. yd.) capacity.	M			
18	Body must be equipped with a CS type telescopic hoist having enough lift capacity to lift the body complete with added components example: (screen, chain, gear box, Cab shield with brine tank full of brine, plus the body's load capacity no matter the material being transported.	M			
19	The body's inside floor, inside sides, inside front, and inside tailboard must be constructed of steel having the equivalent consistency and strength of a Hardox HB 450 with a thickness of 6.25 mm (¼"), having a yield strength of 81,646.63 kgs psi. (180,000 psi.). A removable cover constructed of the same material as described above must be installed over the spreader chain to prevent damage to chain when hauling rock during summer use or when needed.	M			
20	Spreader chain must run down the center of "U" or "V" style dump body and be operated through a gear box to pull material forward eliminating the need for lifting any part of the body while spreading of material in motion. Adjusters for this chain must be constructed of stainless steel.	M			
21	A separate conveyor must run from right to left that will deliver material from the box's delivery point in the front, and deliver material to the left side dropping it in a left side discharge chute, and landing on a 45.72 cm (18") inch urethane spinner disc. Adjusters for this conveyor chain must be constructed of stainless steel	M			
22	This body must be equipped with a cab shield suitable for truck being used, plus the cab shield must have the capability to carry a minimum of 1000 liter (267.17 gal.) brine tanks if this location is needed, but brine tanks do not have to be mounted there. If tanks are mounted elsewhere they will have to be mounted so the tanks are protected from moving parts, or areas that could cause them damage. Examples: near wheels and tires, spreader chains, sprockets and shafts and hot exhaust systems .Plumng must be equipped with a 6.35 centimeters (2 ½") cam lock connector for connecting to our brim loading station, with easy access for person to connect while standing at ground level.	M			
23	Safety prop must be installed with the capability of holding body with load.	M			
24	Body must be fitted with a removable top screen with a mesh no larger the 7.62 cm (3" square).	M			
25	Body must be fitted with an electrical operated tarp system, with an inside cab switch plus provide one mesh asphalt tarp.	M			

26	Bidder must install one pintle plate with a combination ball/pintle hitch. Both having a minimum capacity rating of 9,071.85 kg (20,000 lbs)	M			
27	Tailgate linkage must be air locking with in cab switch.	M			
28	Controls to operate the blade and wing should be equipped with an emergency button for fast raising of the wing when required.	M			
O	Hydraulic Systems Specification				
1	The hydraulic system must be equipped with a tandem type pump, and driven from the front of engines crank shaft	M			
2	One pump must control the supply to the snow blade, all wing controls, and cylinder for dump body cylinder. The second pump must operate and supply sufficient flow to the salt /sand / brine systems operation.	M			
3	Pumps must be equipped with an in cab engage / disengage switch.	M			
4	Hydraulic tanks capacity must have enough hydraulic oil to sufficiently supply oil to both pumps to operate all controls for extended periods of time without over heating oil.	M			
5	Hydraulic system must be equipped with a filtering system that meets or exceeds the manufacturer's recommendation.	M			
6	All hydraulic control valves must be mounted in an enclosure.	M			
7	Bidder must supply and install an electronic control unit and related valves and sensors to control our salt/sand/ brine (pre wet) application systems. We request that this system be a Bosh Rexroth CS 550 or equivalent. This is the system we are using at the present time in our units, and we already have our salt management planning system geared toward using this system for collecting and compiling salt management data.	M			
8	IMPORTANT: This truck must be equipped with in cab controls that will accommodate a one man operation some of the time, and a two man operation other times. It is important that the controls that are installed can be switched from a one man operation to a two man operation within minutes without tools. During the one man operation the controls for the salt/sand /brine (pre wet) application systems plus the front snow blade and wing operation must be readily available and visible to the driver. During the two man operation the controls for the salt/sand /brine (pre wet) systems application plus the front snow blade and wing operation must be readily available and visible to the passenger. Some type of easily transferable joy stick set up for the wing and snow blade operation must be used. Whatever system it is, be it electric over hydraulic, air over hydraulic or electric over air than, that is what must be used to make this work. Salt/sand/ brine systems Controller must be on some type of swivel or adjustable pedestal to obtain this transfer.	M			
9	All hydraulic valve fittings, tank couplers and crimped on hose fittings must be stainless steel.	M			

10	The hydraulic control valves that control the up and down action on heel and toe of side wing must be a feathering type valve.	M			
P	Serviceability Specification				
1	Easy access must be made available for checking engine oil, power steering oil and coolant levels through access panels, if hood can't easily be opened during pre trip inspections	M			
2	All filters that are regularly changed during a preventive maintenance check, (example: oil, air, cabin air, fuel, transmission and hydraulic) must be made as easily accessible as possible.	M			
3	If necessary, the entire fenders and hood must be made easily removable for repair to engine and components in that area.	M			
4	With the hood closed, must be able to perform quick checks on engine oil and coolant sight gauges can be completed through service doors.	M			
5	An auto greasing / lube system equivalent to a (CPL) System, must be installed and applied to all points possible that pivot or move and has a greasing point.(Example steering, suspension, mounted body points, spreader system bearings and points, pulleys on wing masts and clutch cross shaft.	M			
6	Wing and front snow blade must be capable of being easily removed from mounting points.	M			
7	Ecology drains for simple and clean fluid drainage must be provided.	M			
8	Batteries, relay panels, and optional toolbox, must be located for easy access.	M			
9	All cables, all software and a training session on its use, must be provided to the mechanical shop in order to link with a lap top to perform diagnostic tests needed in the event of a breakdown. This equipment must be provided for the machine, engine, ABS, spreading controls and any other attachments requiring this.	M			
10	Shop manuals, service manuals, diagnostic manuals and parts manuals must be provided. These manuals will include the machine, engine and all attachments.	M			
11	There must be one complete set of filters supplied; enough for one complete service when machine is delivered.	M			
12	Upon the completion of all mounted equipment being installed on this truck, there must be a Crown rust proofing or equivalent applied to truck and all its equipments undersides.	M			

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 File No. - N° du dossier
 HAL-9-83020

Buyer ID - Id de l'acheteur
 HAL307
 CCC No./N° CCC - FMS No./N° VME

Q	Familiarization Training and Delivery Specification				
1	Minimum one half day of training on the safe operation of machine and all its attachments must be done at the work site for operators after machine has been delivered (up to two weeks after delivery is acceptable).	M			
2	Delivery of unit must be between working hours(7.00 am and 17.00 pm)	M			
3	Delivery must be FOB 37486 Cabot Trail Ingonish Beach	M			
4	Minimum one half day of training for mechanical staff must be at the same time, only on the service maintenance, and the use of the diagnostic software for repairs on this equipment.	M			
R	Purchase Option Specification				
1	The option to purchase a full available 5 year extended warranty.		D		

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ANNEX "B"

BASIS OF PAYMENT

The bidder **MUST** provide a firm lot price in Canadian dollars, the Goods and Services Tax or Harmonized Sales Tax excluded, FOB Destination, transportation included, Canadian customs duties and excise taxes included.

Delivery is Delivery Duty Paid (DDP) Incoterms 2000.

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 to the destination.

A bid **must** meet or exceed the requirements of the bid solicitation outlined in Annex A – Statement of Requirement to be declared responsive.

The responsive bid with the lowest evaluated price will be recommended for award of contract.

Description:

For the supply and delivery of: **NEW 6x6 Diesel Truck fitted with a salt, sand, brine, plus wing and snow blade setup**

To: Parks Canada
37486 Cabot Trail
Ingonish Beach, Nova Scotia
B0C 1L0

As specified in Annex A - Requirement,

Total Firm Lot Price: \$_____ (GST/HST excluded)

Make/Model Offered:

Truck: _____

OPTION TO PURCHASE ADDITIONAL 5 YEAR WARRANTY (DO NOT include in Total Firm Lot Price)

\$_____

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ANNEX "C"

ELECTORNIC PAYMENT INSTRUMENT

As indicated in Part 3, clause 3.1.2, the Bidder must identify which electronic payment instruments they are willing to accept for payment of invoices.

The Bidder accepts any of the following Electronic Payment Instrument(s):

- VISA Acquisition Card;
- MasterCard Acquisition Card;
- Direct Deposit (Domestic and International);