



RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Réception des soumissions - TPSGC / Bid
Receiving - PWGSC
1550 Avenue d'Estimauville
1550 D'Estimauville Avenue
Québec
Québec
G1J 0C7

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

Vendor/Firm Name and Address
Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution
TPSGC - PWGSC
601 - 1550 Avenue d'Estimauville
Québec
Québec
G1J 0C7

Title - Sujet Snow Blower 5000 TPH	
Solicitation No. - N° de l'invitation T3033-160010/A	Date 2016-06-23
Client Reference No. - N° de référence du client T3033-160010	
GETS Reference No. - N° de référence de SEAG PW-\$QCW-026-16795	
File No. - N° de dossier QCW-6-39049 (026)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-08-08	Time Zone Fuseau horaire Heure Avancée de l'Est HAE
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: Perron, Jonathan	Buyer Id - Id de l'acheteur qcw026
Telephone No. - N° de téléphone (418) 649-2838 ()	FAX No. - N° de FAX (418) 648-2209
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: AÉROPORT DE SEPT-ILES SEPT-ILES Québec Canada	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée VOIR DOC	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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TITLE: TC – HIGH CAPACITY SNOW BLOWER 5000 TPH

PART 1 - GENERAL INFORMATION

1.1 Requirement

Transport Canada requires the acquisition and delivery of one (1) high capacity snow blower 5000 TPH self-propelled that will be used in an airport environment. The snow blower must be delivered to the Sept-Îles airport, in accordance with the specifications at **Annex A – REQUIREMENT**.

1.2 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.

1.3 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 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 \(04-04-2016\)](#) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

2.1.1 SACC Manual Clauses

[Condition of Material - Bid \(2014-06-26\) B1000T](#)

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.

You can also submit your bid by facsimile at (1) 418-648-2209, by the date, time and place indicated on page 1 of the bid solicitation.

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted **in writing** to the Contracting Authority: jonathan.perron@tpsgc-pwgsc.gc.ca **no later than ten (10) 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.

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 Quebec.

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 bidders provide their bid in separately bound sections as follows:

Section I: Technical Bid (1 hard copy)

Section II: Financial Bid (1 hard copy)

Section III: Certifications (1 hard copy)

Section IV: Additional Information (1 hard 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 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) (<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 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: Technical Bid

In their technical bid, bidders must explain and demonstrate how they propose to meet the requirements detailed at **Annex A - Requirement**. Bidders should fill out the **Table of mandatory technical evaluation criteria at point 4.1.1.1**.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment at **Annex B- Basis of Payment**. The total amount of Applicable Taxes must be shown separately.

3.1.1 Exchange Rate Fluctuation

[Exchange Rate Fluctuation Risk Mitigation \(2014-11-27\) C3010T](#)

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Section III: Certifications

Bidders must submit the certifications required under Part 5.

Section IV: Additional Information

Manufacturer's Standard Warranty Period:

Canada requests that Bidders provide details of the manufacturer's standard warranty period for the vehicle/equipment and its component that exceeds the minimum warranty periods of twentyfour (24) months or 2000 hours of usage, whichever comes first, for all major components (engine, axles, gear boxes, differentials, clutch assemblies, drive system); and eighteen (18) months or 1000 hours of usage, whichever comes first, for all the non-major components and accessories of the grader. 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.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

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

4.1.1 Technical Evaluation

Each bid will be reviewed to determine whether it meets the mandatory requirements of the bid solicitation. Any element of the bid solicitation identified with the words "must" or "mandatory" is a mandatory requirement. Bids that do not comply with each and every mandatory requirement will be declared non-responsive and be disqualified.

4.1.1.1 Mandatory Technical Criteria

a) Bidders must provide the necessary documentation to support compliance with this requirement. To demonstrate that your products meet all preselected mandatory specifications and components mentioned above, Bidders must submit with their bid, a copy of complete specifications and descriptive literature (technical documents such as data sheets, user manual, ...etc.) of the products offered. The technical documents must be already existing standards documents. The technical documents must not be written specially drafted to this Request For Proposal.

Canada will evaluate only the documentation provided with a bidder's bid. Canada will not evaluate information such as references to Web site addresses where additional information can be found, or technical manuals or brochures not submitted with the bid.

b) **Although the bidders must proposed products that meet all the mandatory specifications and components described in the Annex A**, at the closure date, bids will be evaluated on the following technical requirements - **Table of mandatory technical evaluation criteria**.

IMPORTANT: The bidder should indicate, for each mandatory criteria, whether the proposed equipment complies or not by checking the relevant box. **The bidder must clearly demonstrate how the proposed equipment complies to each mandatory technical criteria. Simply stating that the criteria are met is not sufficient.** Where it is necessary to refer to other documentation that is included in the proposal, bidders should include the precise location of the reference material including the title of the document, and the page and paragraph numbers. It is the bidder's responsibility to provide enough details to permit a complete evaluation.

	Mandatory Technical evaluation Criteria The equipments must be "compliant" with all the technical specifications described below:	Compliant	Non-Compliant	REFERENCE
MC1	Minimum 5000 tons per hour (TPH), high capacity			
MC2	800 HP (minimum) diesel snow blower motor, 2100 RPM – type C16 or equivalent approved by Transport Canada			
MC3	Four-wheel multidirectional steering			
MC4	Automatic transmission – 4-speed, 3.51:1 ratio			
MC5	50 km/h minimum top speed			
MC6	80 foot minimum snow discharge distance at a minimum speed of 30 km/h			
MC7	Maximum height 3.6576 meters (12 feet)			
MC8	Maximum width 4.8768 meters (16 feet)			
MC9	Power steering			
MC10	Fuel tank with a minimum capacity of 600 L			

4.1.2 Financial Evaluation

SACC Manual Clause [Evaluation of Price - Bid A0220T \(2014-06-26\)](#), Evaluation of Price. The bidder must fill out and include with its proposal the **Annex B** - Basis of Payment.

Unless the bid solicitation specifically requires bids to be submitted in Canadian currency, bids submitted in foreign currency will be converted to Canadian currency for evaluation purposes. The rate given by the Bank of Canada in effect on the bid solicitation closing date, or on another date specified in the bid solicitation, will be applied as a conversion factor to the bids submitted in foreign currency.

Bidders must submit their prices DDP destination; Delivered Duty Paid.

4.2 Basis of Selection

A bid must comply with the requirements of the bid solicitation including the **Annex A - Requirement** and meet all mandatory technical evaluation criteria at **point 4.1.1.1** to be declared responsive. The responsive bid with the lowest evaluated price will be recommended for award of a contract.

PART 5 - CERTIFICATIONS

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

The certifications provided by bidders to Canada are subject to verification by Canada at all times. Canada will declare a bid non-responsive, or will declare a contractor in default in carrying out any of its obligations under the Contract, 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 may render the bid non-responsive or constitute a default under the Contract.

5.1 Certifications Precedent to Contract Award

The certifications listed below should be completed and submitted with the bid, but may be submitted afterwards. If any of these required certifications 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 comply with the request of the Contracting Authority and to provide the certifications within the time frame provided will render the bid non-responsive.

5.1.1 Integrity Provisions - Associated Information

By submitting a bid, the Bidder certifies that the Bidder and its Affiliates are in compliance with the provisions as stated in Section 01 Integrity Provisions - Bid of Standard Instructions [2003](#). The associated information required within the Integrity Provisions will assist Canada in confirming that the certifications are true.

5.1.2 Integrity Provisions – List of Names

Bidders who are incorporated, including those bidding as a joint venture, must provide a complete list of names of all individuals who are currently directors of the Bidder.

Bidders bidding as sole proprietorship, as well as those bidding as a joint venture, must provide the name of the owner(s).

Bidders bidding as societies, firms or partnerships do not need to provide lists of names.

5.1.3 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 (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) available from [Employment and Social Development Canada \(ESDC\) - Labour's](#) website.

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.

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 this Contract.

6.2 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

[General Conditions - Goods \(Medium Complexity\) \(2016-04-04\) 2010A](#), apply to and form part of the Contract.

6.3.1.1 Warranty Period

Section 09 entitled Warranty of General Conditions 2010A (2014-11-27) is amended as follows:

1. For all major components (engine, axles, gear boxes, differentials, clutch assemblies, drive system):

At subsection 1, delete the following: "The warranty period will be twelve (12) months" and replace with the following: "The warranty period will be twenty-four (24) months, or 2,000 hours of usage, whichever comes first".

2. For all the non-major components and accessories of the grader:

At subsection 1, delete the following: "The warranty period will be twelve (12) months" and replace with the following: "The warranty period will be eighteen (18) months, or 1,000 hours of usage, whichever comes first".

3. Delete subsection 2 in its entirety and replace with the following:

The Contractor must pay the transportation cost associated with returning the Work or any part of the Work to the Contractor's plant for replacement, repair or making good. The Contractor must also pay the transportation cost associated with forwarding the replacement or returning the Work or part of the Work when rectified to the delivery point specified in the Contract or to another location as directed by Canada. If, in the opinion of Canada, it is not expedient to remove the Work from its location, the Contractor must carry out any necessary repair or making good of the Work at that location. In such cases, the Contractor will be responsible for all Costs (including travel and living expenses) incurred in so doing, Canada will not reimburse these Costs.

If action to effect repairs under warranty cannot be initiated within three (3) working days and completed within a reasonable length of time or if the Contractor has no repair facilities in the immediate vicinity (within 100 kilometres) of the specified delivery destinations (consignees), Canada reserves the right to make such repairs and be

reimbursed by the Contractor at the rate of \$110 per hour for labour and the cost for replaced parts.

All other provisions of the warranty section remain in effect.

6.4 Term of Contract

6.4.1 Period of the Contract

The contract period is from the date of the contract award until the end of the warranty period, inclusively.

6.4.2 Delivery Date

All the deliverables must be received no later than **150 days after contract award**.

6.4.3 Training Period

The training must be given no later than 3 weeks after the delivery of goods.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Jonathan Perron

Title: Supply Specialist

Public Works and Government Services Canada

Acquisitions Branch

Address: 1550, av d'Estimauville

Quebec, Quebec, G1J 0C7

Telephone: 418-649-2838

Facsimile: 418-648-2209

E-mail address: jonathan.perron@tpsgc-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 Technical Authority for the Contract is:

(Will be completed by Canada at the time of award)

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

6.5.3 Contractor's Representative

General enquiries:

Name: _____

Title: _____

Telephone No.: _____

Facsimile No.: _____

E-mail Address: _____

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Delivery follow-up:

Name: _____
Title: _____
Telephone No.: _____
Facsimile No.: _____
E-mail Address: _____

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:

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

Name: _____
Title: _____
Telephone No.: _____
Facsimile No.: _____
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 price, as specified at **Annex B** for a cost of \$ _____ (*insert the amount at contract award*). DDP Destination, 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 Multiple Payments

SACC Manual clause [Multiple Payments \(2008-05-12\) H1001C](#)

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

6.8.1 Compliance

The continuous compliance with the certifications provided by the Contractor in its bid and the ongoing cooperation in providing associated information are conditions of the Contract. Certifications are subject to verification by Canada during the entire period of the Contract. If the Contractor does not comply with any certification, fails to provide the associated information, or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

6.9 Applicable Laws

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

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) 2010A (04-04-2016), General Conditions - Goods (Medium Complexity)
- (c) Annex A, Statement of Requirement;
- (d) Annex B, Basis of Payment
- (e) the Contractor's bid dated _____ (*insert date of bid*)

6.11. Shipping Instructions - Delivery at Destination

Goods must be consigned to the destination specified in the Contract and delivered:

Delivered Duty Paid (DDP) at Aéroport de Sept-Îles , C.P. 2001, Sept-Îles, QC G4R 4K2

Incoterms 2000 for shipments from a commercial contractor.

6.12 Preparation, Delivery, and Unloading

6.12.1 Preparation for Delivery

a) The vehicle/equipment shall 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 the inspection authority or consignee at the final delivery location.

b) All vehicles/equipment are to be delivered by appointment only. Any attempt by the carrier to deliver the vehicles/equipment without an appointment may be refused. When the carrier is required to return due to its failure to make an appointment for delivery, Canada will not be liable, to pay for any additional costs.

6.12.2 Delivery and Unloading

Delivery trucks must be equipped with an unloading device which will permit unloading at sites with no hydraulic, stationary or other type of unloading facility.

6.13 Inspection and Acceptance

The Technical Authority or representative 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.

6.14 Liquidated Damages

- 1- If the Contractor fails to deliver the goods and perform the services within the time specified in the Contract, the Contractor agrees to pay to Canada liquidated damages in the amount of \$500.00 for each calendar day of delay. The total amount of the liquidated damages must not exceed 10 percent of the contract price.
- 2- Canada and the Contractor agree that the amount stated above is their best pre-estimate of the loss to Canada in the event of such a failure, and that it is not intended to be, nor is it to be interpreted as, a penalty.
- 3- Canada will have the right to hold back, drawback, deduct or set off from and against the amounts of any monies owing at any time by Canada to the Contractor, any liquidated damages owing and unpaid under this section.
- 4- Nothing in this section must be interpreted as limiting the rights and remedies which Canada may otherwise have under the Contract.

6.15 SACC Manual Clauses

[Excess Goods \(2006-06-16\) B7500C](#)

[Insurance \(2008-05-12\) G1005C](#)

[Delivery and Unloading \(2007-11-30\) D0018C](#)

[Vehicle Safety \(2011-05-16\) A9049C](#)

ANNEX "A" – REQUIREMENT

TITLE: Acquisition of a High Capacity Self- Propelled Snow Blower (5000 TPH)

A1. Introduction

Transport Canada requires the supply and delivery of a snow blower that will be used in an airport environment. The snow blower must be delivered to the Sept-Îles airport.

A2. Certification

- a) The following major components must be manufactured and supplied by a manufacturer in the field of application and they cannot be homemade: Diesel engine, blower transmission and axles. The manufacturers of these components must have given their written approval for the use of their component by the manufacturer of the snow blower. Certificates, manufacturer's approval or installation audits must be provided after the contract is granted but before the delivery of the equipment.
- b) The manufacturer must also provide a certification that the chassis of the blower is designed for snow removal operations, after the contract is granted but before the delivery of the equipment. Any other type of chassis will be refused.

A3. Dynamometer Report

The dynamometer test must include a minimum 20-minute engine and chassis test at a speed of 65 km/h and minimum 90% output force. The test must also include the equipment's serial number. This sample will check that such testing is the manufacturer's standard practice. The factory test will be receivable and will be accepted. The report will be provided after the contract is granted but before the delivery of the equipment.

A4. Safety Standards

The contractor must provide the manufacturer's certification specifying that the vehicle meets or exceeds the following requirements, based on documented test results. The results of the documented tests must also be provided after the contract is granted but before the delivery of the equipment.

FMVSS 571-103	Windshield defrosting and defogging systems (in compliance with J1944, J198)
FMCSR 393.94	Interior noise levels in power units
FMVSS 571-101	Controls and displays
FMVSS 571-108	Lamps, reflective devices, and associated equipment
FMVSS 571-120	Tire selection and rims for vehicles other than motor vehicles
FMVSS 571-206	Door locks and door retention components
FMCSR 393-65	All fuel systems
FMCSR 302	Flammability of interior materials

A5. Safely Accessing, Entering and Exiting the Cab and Engine Block

The chassis must be designed for safe and easy access as well as the unit's disassembly by operators and personnel. The sheet metal, hood, steps and shock absorbers must not have any edges or sharp corners and must include braces and supports to prevent deformation and fissures. All steps or walking passages must be raised lug or expanded metal type.

The handles will be installed by the contractor, as required for safe assembly and disassembly. The interior of each door must include a minimum 1-foot handle under the window. It must be minimum 1 inch in diameter, round only (no sharp edges or corners).

The cab will be completely closed, thermally insulated and soundproof (85 decibels and under, as certified by an audiometric test conducted at 6" from the driver's ears while the vehicle is running at full capacity). The audiometry certificate must be included with the proposal. The cab will be made of aluminum and glass.

A6. Rust-Proofing and Paint

The versatile chassis (trim, shocks, doors, any area under the floor of the cab, the interior floor of the cab, and any other surface where there may be moisture or where water may accumulate) must be protected with a Class 1 rust-proofing.

The color of the cab must be orange GLASS SHIELD GLASS GUARD series 2800 polyurethane or equivalent. If the paint is not applied at the factory, a 2-year warranty must be included. Urethane based orange paint (Dupont no. 3216) must be used and the chassis must be black with an epoxy base coat.

A7. Cooling System Certification

The contractor must provide a certificate and proof of testing, signed and dated by the engine manufacturer, certifying that the cooling system provides excellent cooling capacity when operated at maximum force. The certification must demonstrate an equal or superior cooling capacity than required by the engine manufacturer. This certification must be provided after the contract is granted but before the delivery of the equipment

A8. Maintenance of Chassis and Auxiliary Engine Fluids

In order to lighten the maintenance work, a drain system is required on the side of the vehicle. The system must include valves and hoses to drain the operational fluids. Hose accesses must be identified and installed for the chassis radiator, cooling system, auxiliary engine oil, fan case, the main fan's hydraulic tank and the servomotor oil. The accesses must be installed at strategic locations for easier use.

A9. Manuals – French and English Version

- a) Parts manual: two (2) copies per piece of equipment and the manual must list each part individually.
- b) Spare parts manual provided by a manufacturer: two (2) copies per piece of equipment, including the major parts.
- c) Operator's manual: two (2) copies per piece of equipment.
- d) CD/DVD for each piece of equipment: the CD/DVD must show the operations, adjustment sequences and daily maintenance required on this equipment.
- e) Furthermore, the contractor must mention if the maintenance manuals and parts lists are available on the Internet. If so, the contractor must provide the passwords to access the manufacturer's site.

The contract will not be considered complete until the requested manuals are received at the equipment's delivery address.

A10. Operator and Mechanic Training

The contractor must train Transport Canada's personnel at Sept-Iles airport. This training period will be equivalent to two (2) eight (8) hour work shifts during the day for a total of 16 hours. The instructor must be certified by the manufacturer. The training will address the proper and safe operation of the equipment. This training must be provided at the latest three (3) weeks after the delivery of the equipment.

A11. Safety Equipment

The contractor must provide the necessary safety equipment (fire extinguishers, safety triangles).

A12. Systems

The proposed equipment must include all the hydraulic, pneumatic, mechanical, electrical and electronic systems and the controls necessary for the equipment's proper operation, according to the technical requirements.

A13. Attachments

The contractor must include all the attachments required for the proposed equipment's proper operation.

A14. TECHNICAL SPECIFICATIONS AND COMPONENTS

The mandatory specifications and components listed in the tables below are, first and foremost, the minimum requirements and do not constitute an exhaustive list.

Any specifications and components required for operation of the equipment and not described in the table below are an integral part of this annex and their cost is included in the firm lot price for the high capacity snow blower.

➤ Instruction to Bidders

- 1) In the second-last column of the following table, bidders should indicate the specifications and components offered.
- 2) In the last column of the following table, bidders should indicate where in their technical documents we can find information on the specifications and components offered.
- 3) Do not forget to include with your bid, the table below duly completed.

Mandatory specifications and components		specifications and component offered	Title, page and/or line technical documents
1. Snow blower			
1	Minimum 5000 tons per hour (TPH), high capacity		
2	Ribbon type blower head		
3	415 HP diesel traction motor, 2100 RPM – type C13 Caterpillar or equivalent approved by Transport Canada.		
4	800 HP (minimum) diesel snow blower motor, 2100 RPM – type C16 or equivalent approved by Transport Canada.		
5	Rear door of the snow blower motor's housing aerated (perforated) for better performance and heat evacuation		
6	Band drive via the carrier engine to maximize engine power for the turbine		
7	Hydrostatic pump		
8	Hydrostatic oil reservoir with heating power of a minimum of 300 watts		
9	Axletech, Meritor or Marmom Herrington axles		
10	Front directional axle with minimum capacity of 32 kg		
11	Rear directional axle		

12	Locking or limited-slip front and rear axles		
13	Four-wheel multidirectional steering with protected locked axles		
14	Automatic transmission – 4-speed, 3.51:1 ratio, equipped with an appropriate torque converter		
15	Chassis built to withstand extreme lateral tension; that is to say, that the chassis is sufficiently resistant not affecting the useful life of the equipment		
16	Thermally insulated and soundproof cab		
17	Air conditioning		
18	50 km/h minimum top speed		
19	80 foot minimum snow discharge distance at a minimum speed of 30 km/h		
20	Transport height not exceeding the cab height when the snow blower is raised		
21	Minimum 150 inch working height when the snow blower is lowered		
22	Maximum cab height to maximize visibility of the chute, but not more than 146 inches		
23	Spare rim and tire, identical to those installed on the snow blower (if front and back tires are not the same, provide one of each)		
24	Michelin, Goodyear or Bridgestone "snow plus" type tires		
25	Tires and rims must be capable of supporting the maximum load applied to the traction in winter conditions		
26	Front and back "S" Cam air brakes with and air drying or hydraulic system.		
27	Power steering		
28	Tilting, telescopic steering column		
29	High back air suspension seat, full-bodied fabric, pneumatic lumbar support		
30	Rear footboards for better access to the coolant (rear motor) with handles for better grip		
31	Fuel tank with a minimum capacity of 600 L		
32	Rear towing point		

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N° de la modif - Amd. No.

Id de l'acheteur - Buyer ID
qcw026

N° de réf. du client - Client Ref. No.
T3033-160010

File No. - N° du dossier
QCW-6-39049

N° CCC / CCC No./ N° VME - FMS

33	Engine block heater		
34	Backup alarm		
35	Strobe type beacon light, amber color, installed on the roof.		
36	Full flow fuel and oil filter with disposable unit		
37	Wipers with "intermittent" function		
38	Electric defroster for front, back and side windows		
39	Left and right high-performance exterior mirrors with electric adjustment, both heated on the entire surface of the mirror		
40	Mobile VHF air band transceiver with exterior antenna (model TIL-90-6R)		
41	Ergonomic cab		
2.	Blower head		
1	Pneumatic swivel caster wheels under the blower head		
2	The ribbons must have a minimum width of 5 inch and a thickness of ½ inch		
3	The turbine blades must be 3/8 inch thick and have a resistance of 100 000 psi.		
4	Carbide scraper		
5	Skates must be equipped with tungsten carbide pads		
6	Hydraulic directionnal lateral blades		
7	Maximum height 3.6576 meters (12 feet)		
8	Maximum width 4.8768 meters (16 feet)		

ANNEX "B" - BASIS OF PAYMENT

B.1 Pricing

- (a) Before submitting prices, please refer to clause **6.6 Payment**.
- (b) Please indicate the brand name and model offered and complete the last column of the following table:

Item	Description	Qty	Unit	Firm Lot Price
1	<p>Snow Blower and its Components</p> <ul style="list-style-type: none">Brand Name Offered: _____Model Offered: _____As per sections A.5, A.6, A.8, A.11 to A.14 of Annexe A.	1	lot	\$_____
2	<p>Certification, and Safety Standards</p> <ul style="list-style-type: none">As per sections A.2, A.4, A.5, and A.7 of Annex A.	1	lot	\$_____
3	<p>Manuals and CD/DVD/USBkey</p> <ul style="list-style-type: none">As per section A.9 of Annex "A".	1	lot	\$_____
4	<p>Training Charges [two (2) eight (8) hour work shifts during the day for a total of 16 hours] on-site at Sept-Iles airport.</p> <ul style="list-style-type: none">As per section A.10 of Annex A; andlabour, equipment, travel and living expenses included.	1	lot	\$_____

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Id de l'acheteur - Buyer ID
qcw026

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T3033-160010

File No. - N° du dossier
QCW-6-39049

N° CCC / CCC No./ N° VME - FMS

Item	Description	Qty	Unit	Firm Lot Price
5	Warranty Period of <u>2000 hours or 24 months and 1000 hours or 18 months</u> <ul style="list-style-type: none">As per clause 6.3.1.1 Warranty Period of this document.	1	lot	\$ _____
6	Delivery Charges - Delivery at Destination <ul style="list-style-type: none">goods delivered to the destination (DDP Destination Sept-Iles Airport) indicated in clause 6.11 and 6.12 Preparation, Delivery, and Unloading of this document.	1	lot	\$ _____
Total Value of Bid \$ (Currency):				\$ _____

ANNEX "C" - PRESENTATION OF YOUR BID

C.1 Check List

Below is a checklist of the contents of your bid. This list is not an exhaustive list; it remains the Bidder's responsibility to prepare its bid in accordance with the instructions contained in the Request For Proposal (RFP) and provide a comprehensible and sufficiently detailed bid, including all requested pricing details that will permit a complete evaluation in accordance with the criteria set out in the RFP.

Pagination of Document	
Page 1	Bidders should include with their bid, the first page of this RFP properly completed and signed. Refer to 2003 Standard Instructions mentioned in clause 2.1 Standard Instructions, Clauses and Conditions .
Page 4	Bidders must submit their bid only to the address indicated in clause 2.2 Submission of Bids .
Page 6	In Section IV : Canada requests that Bidders provide details of the manufacturer's standard warranty period for the vehicle/equipment and its component <u>that exceeds the minimum warranty periods</u> detailed in clause 6.3.1.1 Warranty Period .
Pages 7 and 8	Bids of Bidders must meet the mandatory technical criteria described in clause 4.1.1.1 Mandatory Technical Criteria . As required in clause 4.1.1.1, join with your bid, copy of complete specifications and descriptive literature (technical documents) of the products offered.
Page 9	Bidders who are incorporated, including those bidding as a joint venture, must provide with their bid or promptly thereafter a complete list of names of all individuals who are currently directors of the Bidder. Refer to clause 5.1.1 and 5.1.2 .
Page 11 and 12	Bidders should submit with their bid, clause 6.5.3 Contractor's Representatives properly completed.
Pages 18-19-20	Bidders should include with their bid, the table of section A.14 of Annex "A" duly completed.
Pages 21 and 22	Bidders must include with their bid, Annex "B" - Basis of Payment duly completed.