



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Bid Receiving Public Works and Government
Services Canada/Réception des soumissions
Travaux publics et Services gouvernementaux
Canada

800 Burrard Street, Room 219

800, rue Burrard, pièce 219

Vancouver, BC V6Z 0B9

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

Public Works and Government Services Canada - Pacific
Region

219 - 800 Burrard Street

800, rue Burrard, pièce 219

Vancouver, BC V6Z 0B9

Title - Sujet Chemical De-icing Spreader	
Solicitation No. - N° de l'invitation T7054-170022/B	Date 2018-02-20
Client Reference No. - N° de référence du client T7054-170022	
GETS Reference No. - N° de référence de SEAG PW-\$VAN-585-8303	
File No. - N° de dossier VAN-7-40319 (585)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-03-02	Time Zone Fuseau horaire Pacific Standard Time PST
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Navarro-Ocampo, Maria	Buyer Id - Id de l'acheteur van585
Telephone No. - N° de téléphone (604) 318-3684 ()	FAX No. - N° de FAX (604) 775-7526
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF TRANSPORT Penticton Airport 3000 Airport Road PENTICTON British Columbia V2A 8X1 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

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

This bid solicitation cancels and supersedes previous bid solicitation number T7054-170022/A dated December 21, 2017 with a closing of January 30, 2018 at 2:00 PM Pacific Time. A debriefing or feedback session will be provided upon request to bidders/offerors/suppliers who bid on the previous solicitation.

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Id de l'acheteur - Buyer ID
VAN585
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PART 1 - GENERAL INFORMATION

1.1 Requirement

Public Services and Procurement Canada, on behalf of Transport Canada (TC), Penticton Airport, requires the supply of one (1) chemical de-icing spreader capable of applying wet and dry or pre-wetted types of de-icing chemicals to aircraft maneuvering surfaces, as detailed in Annex A: Requirement. The successful contractor must be responsible for the supply, delivery, installation and training for the new equipment.

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 North American Free Trade Agreement (NAFTA), and the Canada 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](#) (2017-04-27) 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: 90 days

2.2 Submission of Bids

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

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than 2 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 British Columbia.

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 (2 hard copies)
Section II: Financial Bid (1 hard copy)
Section III: Certifications (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 demonstrate their understanding of the requirements contained in the bid solicitation and explain how they will meet these requirements.

The technical bid consists of the following:

- i. **Bid Submission Form:** Bidders are requested to include the Bid Submission Form with their bids. It provides a common form in which bidders can provide information required for evaluation and contract award, such as a contact name, the Bidder's Procurement Business Number, etc. Using the form to provide this information is not mandatory, but it is recommended. If Canada determines that the information required by the Bid Submission Form is incomplete or requires correction, Canada will provide the Bidder with an opportunity to do so.

- ii. **Substantiation of Technical Compliance:** The technical bid must substantiate the compliance of the Bidder and its proposed solution with the specific articles of Annex A (Requirement) identified in the Substantiation of Technical Compliance Form, which is the requested format for providing the substantiation. The Substantiation of Technical Compliance Form is not required to address any parts of this bid solicitation not referenced in the form. The substantiation must not simply be a repetition of the requirement(s), but must explain and demonstrate how the Bidder will meet the requirements and carry out the required Work. Simply stating that the Bidder or its proposed solution or product complies is not sufficient.

Bidders:

- a. Must designate the brand name, model and/or part number of the proposed product; and
- b. Must provide complete specifications and descriptive literature to substantiate that the proposed product's meets the mandatory requirements that are specified in the bid solicitation (Form B).
- c. Must submit technical brochures or technical data of the proposed product and accessories to verify compliancy to the technical mandatory specifications in Annex A: Requirement.

Where Canada determines that the substantiation is not complete, the Bidder will be declared non-responsive and disqualified. The substantiation may refer to additional documentation submitted with the bid - this information can be referenced in the "Reference" column of the Substantiation of Technical Compliance Form, where bidders are requested to indicate where in the bid the reference material can be found, including the title of the document, and the page and paragraph numbers; where the reference is not sufficiently precise, Canada may request that the Bidder direct Canada to the appropriate location in the documentation.

In conducting its evaluation of the bids, Canada may, but will have no obligation to, request bidders to demonstrate, at the sole cost of bidders, that the proposed product meets all mandatory criteria that are specified in the bid solicitation.

Section II: Financial Bid

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

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

C3011T (2013-11-06) Exchange Rate Fluctuation

Section III: Certifications

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

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

4.1.1.1 Mandatory Technical Criteria

- a. Each bid will be reviewed for compliance with the mandatory requirements of the bid solicitation. Any elements of the bid solicitation that are identified specifically 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.
- b. The mandatory requirements are described in Annex A: Requirement.
- c. Bidders must offer a proven product that has been in service for a minimum of five (5) years and are requested to provide a **minimum of three (3) Canadian references** as verification of a proven product, including airport location, contact name & telephone number of contact, and the date the unit went into service. If full references are not provided with the proposal, Canada will request them and the Bidder will have 24 hours from the time of the request to provide them. The references must be for the exact model bid in this solicitation. Prototypes or models bid that have not been in service for at least five (5) years will be considered non-responsive.

4.1.2 Financial Evaluation

SACC Manual Clause A0220T (2014-06-26), Evaluation of Price

4.2 Basis of Selection - Mandatory Technical Criteria

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

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

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

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

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

5.1 Certifications Required with the Bid

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

5.1.1 Integrity Provisions - Declaration of Convicted Offences

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

5.2 Certifications Precedent to Contract Award and Additional Information

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

5.2.1 Integrity Provisions – Required Documentation

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

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

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

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

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

There is no security requirement applicable to the Contract.

6.2 Requirement

The Contractor must supply of one (1) chemical de-icing spreader capable of applying wet and dry or pre-wetted types of de-icing chemicals to aircraft maneuvering surfaces, as detailed in Annex A: Requirement. The successful contractor must be responsible for the supply, delivery, installation and training for the new equipment.

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 (2016-04-04), 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 _____ (*fill in start date of the period*) to _____ inclusive (*fill in end date of the period*).

6.4.2 Delivery Date

All deliverables, excluding all necessary training must be received on or before March 31, 2018.

6.4.3 Inspection and Acceptance

The Technical Authority is the Inspection Authority. All reports, deliverable items, documents, goods and all services rendered under the Contract are subject to inspection by the Inspection Authority or representative. Should any report, document, good or service not be in accordance with the requirements in Annex A, 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.

6.4.4 Shipping Instructions

Goods must be consigned and delivered to the destination specified in the contract.
FOB Destination Penticton Airport, BC, including all delivery charges and customs duties and Applicable Taxes.

6.4.5 Delivery Address

Transport Canada – Penticton Airport
3000 Airport Road,
Penticton, BC V2A 8X1

6.4.6 Delivery and Unloading

SSAC Manual clause D0018C (2007-11-30) Delivery and Unloading

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Id de l'acheteur - Buyer ID
VAN585
N° CCC / CCC No./ N° VME - FMS

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Maria Navarro-Ocampo
Supply Specialist
Public Works and Government Services Canada
Acquisitions Branch
Address: Room 219 - 800 Burrard Street,
Vancouver, B.C. V6Z 0B9

Telephone: 604-318-3684
E-mail address: maria.navarro-ocampo@pwgsc-tpsgc.gc.ca

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

6.5.2 Technical Authority

The Project Authority for the Contract is:

Name: _____
Title: _____
Organization: _____
Address: _____

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

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

6.5.3 Contractor's Representative

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 \$_____ (*insert the amount at contract award*). 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 (2011-05-16) Limitation of Price

6.6.3 Method of Payment

SACC Manual clause H1000C (2008-05-12) Single Payment

6.6.4 Electronic Payment of Invoices – Contract (*to be amended at Contract award*)

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);
- d. Electronic Data Interchange (EDI);
- e. Wire Transfer (International Only);
- f. Large Value Transfer System (LVTS) (Over \$25M)

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.

Invoices must be distributed as follows:

- a. The original and one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.
- b. One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

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 _____. (*Insert the name of the province or territory as specified by the Bidder in its bid, if applicable*)

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

6.11 SACC Manual Clauses

A9019C (2011-05-16) – Hazardous Waste Disposal
B1501C (2006-06-16) – Electrical Equipment
B7500C (2006-06-16) – Excess Goods
G1005C (2016-01-28) – Insurance – No Specific Requirement

6.12 Warranty - Modification - General Conditions 2010A

Section 09 entitled *Warranty of general conditions 2010A* is amended by deleting subsection 2 in its entirety and replacing it 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.

All other provisions of the warranty section remain in effect.

6.13 Warranty Period

Section 09 of general conditions 2010A is amended by replacing the period of 12 months by 48 months.

All other provisions of the warranty section remain in effect.

ANNEX A – REQUIREMENT

A1. Scope

Supply of one (1) chemical de-icing spreader capable of applying wet and dry or pre-wetted types of de-icing chemicals to aircraft maneuvering surfaces. The successful contractor must be responsible for the supply, delivery, installation and training for the new equipment.

The spreader will be mounted in a dump truck box, and must fit within the specifications of the dump truck as follows:

- (a) Center of Front Axle to Center of Rear: 155"
- (b) Front Wheel Stance : 92"
- (c) Rear Wheel Stance: 94"
- (d) From Cylinder Enclosure to End of Box: 108"
- (e) Width of Box: 83"
- (f) From cylinder Enclosure to Center of Rear Axle: 65"
- (g) Front Axle GAWR: 18540lbs
- (h) Rear GAWR: 23000lbs

A2. General Requirements

2.1. Overview

(a) The chemical spreader must be capable of spreading / spraying dry material, pre-wetted dry material, and liquid only from a single spinner/sprayer unit with dual sections. A boom type spreader is not acceptable.

(b) The chemical spreader must be new model based on the manufacturer's latest commercial product including the specifications contained herein.

(c) The chemical spreader offered must have successful in-service history. Bidders are to supply references to prove service history.

(d) The chemical spreader must be complete with all accessories customarily furnished and installed on this type of unit, whether specified or not, to enable the chemical spreader to function reliably and efficiently under all conditions of service. The supplier is to list all accessories installed on the spreader.

(e) The chemical spreader must have either a self-contained drive system, or be driven using the truck's hydraulic system. The chemical spreader must have an electrical connection to accommodate the spreader monitoring and control system.

2.2. Component Certification

If upon request by the Airport Manager, the Contractor must obtain component certification from the component manufacturer, for any items installed on the chemical spreader. All certificates must indicate the model of the machine on which the component will be installed and the characteristics for which the component was designed.

2.3. Pre-Delivery Services

The manufacturer must complete a pre-delivery service prior to delivery at the Penticton Airport. The chemical spreader must be lubricated, serviced and checked following the manufacturer's maintenance procedures. The manufacturer must supply at its expense all associated products and supplies for this pre-delivery service. All products and supplies must be suitable for the climate and operational conditions of the final delivery destination. A copy of the signed off Pre Delivery Inspection form is to be presented to the Airport Manager or designate upon delivery of the spreader.

Pre-Delivery Dealer

Dealer Name:

Address:

Phone Number:

Email:

2.4. Inspection

The Contractor is responsible to ensure that the chemical spreader is thoroughly tested, inspected and that all deviations and deficiencies are corrected prior to delivery. The Penticton Airport reserves the right to inspect the chemical spreader at any stage of the production and have all deviations and deficiencies corrected upon request. A final operational and maintenance inspection must be completed by the Airport Manager upon delivery to Penticton Airport.

A3. Warranty

3.1. Spreader Warranty Period

The chemical spreader manufacturer must provide an unconditional warranty on all components and systems. This warranty must include repair labour and parts including shipping costs FOB Penticton Airport. All travel costs for warranty repairs should also be included. The warranty period must be a minimum of two-hundred (200) hours or forty-eight (48) months from the date the chemical spreader is commissioned into service at Penticton Airport, whichever comes first.

3.2. Hopper Warranty Period

The chemical spreader hopper must be warranted against rust perforation for a minimum of 10 years.

3.3. Warranty Claims

If requested warranty repairs have not commenced within twenty-four hours following notification of the chemical spreader manufacturer, the Penticton Airport reserves the right to complete repairs and bill the Contractor for repair parts FOB Penticton Airport and labor costs incurred in completing the requested warranty repairs. Specify the dealer responsible for performing required warranty repairs. Provide the

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name, address and phone number of a designated dealer representative and alternative to contact should warranty repairs be required.

Dealer Name:

Address:

Phone Number:

Email:

A4. Chemical Spreader

4.1. General

The chemical spreader to be supplied under the following specifications must be a proven product. Prototypes or models offered that have not been in service for at least 5 years will not be considered acceptable. Units must have proven in-service use pre-wetting urea and potassium acetate. The supplier is to supply three (3) references to substantiate in service use (see Part 4 – 1.1.1 Mandatory Technical Criteria (c)) Enter references in Form C: References.

4.1.1. The chemical spreader hydraulic functions must be operated from a self-contained drive system.

4.1.2. The discharge spreading rates must be synchronized to the speed range of 0-70 km/h.

4.1.3. The price quoted must include any modifications to the host vehicle necessary to ensure the chemical spreader operates efficiently and reliably.

4.1.4. The chemical spreader must have a minimum capacity of 3 cubic meters of dry material.

4.1.5. The chemical spreader must have a minimum capacity of 1600 liters of liquid de-icer.

4.1.6. The chemical spreader hopper must be of steel construction.

4.1.7. Material delivery to the spinner disc must be achieved by either an Auger or Belt feed system.

4.1.8. The unit must include a material breaker that prevents large clumps from entering the drop chute.

4.1.9. All grease points must be easily accessible, preferably through a central grease bank.

4.1.10. The spinner disc must be constructed of stainless steel. The drop chute must be constructed of a material not susceptible to corrosion.

4.1.11. The spinner must be capable of achieving maximum spread rates of at least 12 metres for solids and 8 metres for liquids.

4.1.12. The spinner height above the pavement surface must be easily adjustable.

4.1.13. The chemical spreader must be supplied with a hopper top grate/screen, galvanized steel screening mesh, and a PVC folding cover.

4.1.14. A minimum of one access ladder with handholds and safety grip steps must be installed to provide access to the top of the hopper.

4.1.15. The chemical spreader must be supplied with a minimum of two rear mounted work lights that are adjustable, prefer LED 6 – 8 inch size and 1 rotating beacon, prefer LED Whelen that are independently controlled from the vehicle cab.

4.2. Tanks & Spray System

4.2.1. The spray system must be capable of spraying all types of liquid de-icing solutions commonly in use at airports.

4.2.2. The liquid spray pump must have a minimum flow capacity of 20 litres/minute (5 gpm).

4.2.3. All components of the spray system must be rated to a minimum of 10 bar (150 psi) working pressure.

4.2.4. An in-line filter must be installed to filter the de-icing liquid. The filter must be easily accessible and serviceable without draining the tanks.

4.2.5. The liquid tanks must be secured to the hopper body

4.2.6. A large fill port or fill valve (minimum 50 mm (2 in) in size must be installed

4.2.7. A sight gauge easily seen from the filling position must be provided.

4.3. Control System

4.3.1. The chemical spreader must have a computerized control system that allows for on-the-go operator adjustment of spreading quantity, width and symmetry. The system must automatically adjust these functions in response to road speed.

4.3.2. The control system must be wired into the vehicle by way of waterproof quick disconnect couplers thus permitting ease of installation.

4.3.3. The control system must have an in-cab mounted screen to display spreader settings and material dispensing information to the operator. The system must also indicate the level of material or liquid in the hopper and tanks.

4.3.4. The control system must be capable of recording and storing relevant information for data collection.

4.3.5. The control system must have an input/output that allows for the collection of data and upgrading of the internal software.

4.3.6. The control system must be capable of programming and adjusting the pre-wetting rate from 7% - 30% of the dry rate.

4.3.7. The control system must have a manual override to allow spreading in the event of a control or electrical failure.

4.4. Paint

4.4.1. The chemical spreader body must be primed and painted with an epoxy type paint with zinc. The color must be similar to orange CGSB 1-GP-88, shade 508-101, standard paint colour 1-GP-12.

5. Supplementary Requirements

5.1. Manuals & Training

5.1.1. The chemical spreader Contractor must provide the printed materials listed below for the chemical spreader delivered. Electronic copies may augment but not replace the printed manuals. The contract will not be considered complete until all printed manuals noted are received.

5.1.2. One copy of overall maintenance and repair manuals must be provided. These manuals must be current, complete in all respects and not copies (i.e. photocopies) of other manuals. Maintenance manuals must detail correct maintenance procedures for all components and system installations. Maintenance manuals must include clear assembly drawings of all components, systems and assemblies. The manuals must include electrical and hydraulic schematics of the entire chemical spreader.

5.1.3. One hard copy of an overall parts manual must be provided. This manual must list each individual component manufacturer's part number and provide detailed indexed line drawings of all major chemical spreader assemblies. All drawings must be clearly illustrated and detailed. The chemical spreader manufacturer's stock numbers for each component must be easily cross-referenced with the component manufacturer's part numbers in the manual.

5.1.4. One hard copy of OEM parts and maintenance manuals must be supplied by the respective manufacturer (OEM) for each of the major components installed on the chemical spreader. Note that all OEM documentation must apply to the chemical spreader on which it is installed. Generic manuals that exclude necessary details or relevant information necessary for repair and maintenance of the chemical spreader are unacceptable.

5.1.5. Two copies of a current operator's manual must be supplied with the chemical spreader. Operator's manuals shall be complete in all respects and detail safe operation, adjustment procedures, daily maintenance procedures. DVD discs or on-line manuals may augment but not replace operator manuals.

5.2. Spare Parts

5.2.1. The Contractor must ensure that spare parts required to properly maintain and repair the chemical spreader will be available for prompt delivery to the purchaser for a period of at least fifteen (10) years.

5.2.2. The provision of all parts must be treated as URGENT (unless otherwise specified) and must be made within 48 hours.

5.2.3. The Contractor shall be required to stock an adequate supply of spare parts at his premises. A list of spare parts must be provided with the tender.

5.3. Training

5.3.1. The Contractor must include a minimum of 4 hours on-site training in the operation and maintenance of the chemical spreader.

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ANNEX B – BASIS OF PAYMENT

The pricing schedule below shall, upon completion and incorporation into the Contract, form the basis of payment for the work described in Annex A: Requirement.

The price of the bid will be in Canadian Dollars, FOB Destination, to the destination stated in Article 6-4.3. Customs duties and travel costs must be included in all pricing and Applicable Taxes are extra.

Table B.1 Herbicide Tractor

Item	Description	Qty	Firm Price
1.0	Chemical De-icing Spreader - Make and model: _____	1	\$
2.0	On-site warranty on all components for 48 months or 200 hours (includes all travel costs).	1	\$
3.0	All shipping costs – FOB Penticton Airport B.C,	Lot	\$
	Total B.1 (not including taxes)	CAD	\$

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ANNEX C - ELECTRONIC PAYMENT INSTRUMENTS

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.

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

- ☐ () VISA Acquisition Card;
- ☐ () MasterCard Acquisition Card;
- ☐ () Direct Deposit (Domestic and International);
- ☐ () Electronic Data Interchange (EDI);
- ☐ () Wire Transfer (International Only);
- ☐ () Large Value Transfer System (LVTS) (Over \$25M)

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FORM A: Bid Submission Form

BID SUBMISSION FORM		
Bidder's full legal name		
Authorized Representative of Bidder for evaluation purposes (e.g., clarifications)	Name	
	Title	
	Address	
	Telephone #	
	Fax #	
	Email	
Bidder's Procurement Business Number (PBN) [see the Standard Instructions 2003]		
Jurisdiction of Contract: Province in Canada the bidder wishes to be the legal jurisdiction applicable to any resulting contract (if other than as specified in solicitation)		
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.		
<p>On behalf of the Bidder, by signing below, I confirm that I have read the entire bid solicitation including the documents incorporated by reference into the bid solicitation and I certify that:</p> <ol style="list-style-type: none">1. The Bidder considers itself and its products able to meet all the mandatory requirements described in the bid solicitation;2. This bid is valid for the period requested in the bid solicitation;3. All the information provided in the bid is complete, true and accurate; and4. If the Bidder is awarded a contract, it will accept all the terms and conditions set out in the resulting contract clauses included in the bid solicitation.		
Signature of Authorized Representative of Bidder		Date

FORM B: Substantiation of Technical Compliance Form

A. GENERAL INSTRUCTION

1) Bidders are requested to:

- a) indicate opposite each specification under **MANDATORY SPECIFICATIONS**, in the right hand margin under **Comply**, whether or not the Spray Tractor being offered meets / does not meet the requirements.

EXAMPLE:

Article #	Mandatory Specification	Comply		Provide requested information in the columns below
		Yes	No	
1.	A new built, manufacturer's latest model standard commercial product and currently used for orchard/Vineyard applications	✓		

- b) In the right hand margin under **Provide the requested information in the columns below**, provide **ALL** the specific information (ex: width, height etc.) **and/or** the reference page # from the provided Technical literature, and highlight the technical information that supports your compliance with the mandatory specifications.

EXAMPLE:

Article #	Mandatory Specification	Comply		Provide requested information in the columns below
		Yes	No	
6.1.1	Overall Width: Minimum: 50 inches/Maximum: 65 inches	✓		page # <u>23</u> State proposed Width <u>54 inches</u>

- 2) It will be to your advantage to furnish as much detail as possible to support the specifications your comments / claims of compliance for each specification.
- 3) The Crown is under NO obligation to seek clarification of the bid(s) or the supporting technical documentation provided. Bidders should note that failure to demonstrate any capability to which they claim compliance will result in their proposal being considered non-responsive. Any deviation is to be clearly identified and supported with full details.

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FORM B: Substantiation of Technical Compliance Form
(attached at the end of the document)

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FORM C: REFERENCES

Bidders must offer a proven product that has been in service for a minimum of five (5) years and are requested to provide a **minimum of three (3) Canadian references** as verification of a proven product, including airport location, contact name & telephone number of contact, and the date the unit went into service. If full references are not provided with the proposal, Canada will request them and the Bidder will have 24 hours from the time of the request to provide them. The references must be for the exact model bid in this solicitation. Prototypes or models bid that have not been in service for at least five (5) years will be considered non-responsive.

Reference 1:

Airport Location: _____

Date the unit went into service: _____ Years In Use: _____

Contact Name: _____ Telephone #: _____

Reference 2:

Airport Location: _____

Date the unit went into service: _____ Years In Use: _____

Contact Name: _____ Telephone #: _____

Reference 3:

Airport Location: _____

Date the unit went into service: _____ Years In Use: _____

Contact Name: _____ Telephone #: _____

Article	FORM B: Substantiation of Technical Compliance	Compliant		Supporting Documentation or Statement of Compliance (please indicate where this information can be found in your Bid)
		Yes	No	
A1.	The spreader must fit within the specifications of the dump truck:			
	(a) Center of Front Axle to Center of Rear: 155"			
	(b) Front Wheel Stance : 92"			
	(c) Rear Wheel Stance: 94"			
	(d) From Cylinder Enclosure to End of Box: 108"			
	(e) Width of Box: 83"			
	(f) From cylinder Enclosure to Center of Rear Axle: 65"			
	(g) Front Axle GAWR: 18540lbs			
	(h) Rear GAWR: 23000lbs			
A2.	General Requirements			
2.1	Overview			
	(a) The chemical spreader must be capable of spreading / spraying dry material, pre-wetted dry material, and liquid only from a single spinner/sprayer unit with dual sections. A boom type spreader is not acceptable.			
	(b) The chemical spreader must be new model based on the manufacturer's latest commercial product including the specifications contained herein.			
	(c) The chemical spreader offered must have successful in-service history. Bidders are to supply references to prove service history.			
	(d) The chemical spreader must be complete with all accessories customarily furnished and installed on this type of unit, whether specified or not, to enable the chemical spreader to function reliably and efficiently under all conditions of service. The supplier is to list all accessories installed on the spreader.			
	(e) The chemical spreader must have either a self-contained drive system, or be driven using the truck's hydraulic system. The chemical spreader must have an electrical connection to accommodate the spreader monitoring and control system.			

Article	FORM B: Substantiation of Technical Compliance	Compliant		Supporting Documentation or Statement of Compliance (please indicate where this information can be found in your Bid)
		Yes	No	
2.2	Component Certification: If upon request by the Airport Manager, the Contractor must obtain component certification from the component manufacturer, for any items installed on the chemical spreader. All certificates must indicate the model of the machine on which the component will be installed and the characteristics for which the component was designed.			
2.3	Pre-Delivery Services: The manufacturer must complete a pre-delivery service prior to delivery at the Penticton Airport. The chemical spreader must be lubricated, serviced and checked following the manufacturer's maintenance procedures. The manufacturer must supply at its expense all associated products and supplies for this pre-delivery service. All products and supplies must be suitable for the climate and operational conditions of the final delivery destination. A copy of the signed off Pre Delivery Inspection form is to be presented to the Airport Manager or designate upon delivery of the spreader.			
2.4	Inspection: The Contractor is responsible to ensure that the chemical spreader is thoroughly tested, inspected and that all deviations and deficiencies are corrected prior to delivery. The Penticton Airport reserves the right to inspect the chemical spreader at any stage of the production and have all deviations and deficiencies corrected upon request. A final operational and maintenance inspection must be completed by the Airport Manager upon delivery to Penticton Airport.			
A3	Warranty			
3.1	Spreader Warranty Period: The chemical spreader manufacturer must provide an unconditional warranty on all components and systems. This warranty must include repair labour and parts including shipping costs FOB Penticton Airport. All travel costs for warranty repairs should also be included. The warranty period must be a minimum of two-hundred (200) hours or forty-eight (48) months from the date the chemical spreader is commissioned into service at Penticton Airport, whichever comes first.			
3.2	Hopper Warranty Period: The chemical spreader hopper must be warranted against rust perforation for a minimum of 10 years.			
3.3	Warranty Claims: If requested warranty repairs have not commenced within twenty-four hours following notification of the chemical spreader manufacturer, the Penticton Airport reserves the right to complete repairs and bill the Contractor for repair parts FOB Penticton Airport			Supply the dealer information requested.

Article	FORM B: Substantiation of Technical Compliance	Compliant		Supporting Documentation or Statement of Compliance (please indicate where this information can be found in your Bid)
		Yes	No	
	and labor costs incurred in completing the requested warranty repairs. Specify the dealer responsible for performing required warranty repairs. Provide the name, address and phone number of a designated dealer representative and alternative to contact should warranty repairs be required.			
A4.	Chemical Spreader			
4.1	General: The chemical spreader to be supplied under the following specifications must be a proven product. Prototypes or models offered that have not been in service for at least 5 years will not be considered acceptable. Units must have proven in-service use pre-wetting urea and potassium acetate. The supplier is to supply references to substantiate in service use (see Part 4 – 1.1.1 Mandatory Technical Criteria (c)) Enter references in Form C: References.			Use Form C: References
4.1.1	The chemical spreader hydraulic functions must be operated from a self-contained drive system.			
4.1.2	The discharge spreading rates must be synchronized to the speed range of 0-70 km/h.			
4.1.3	The price quoted must include any modifications to the host vehicle necessary to ensure the chemical spreader operates efficiently and reliably.			
4.1.4	The chemical spreader must have a minimum capacity of 3 cubic meters of dry material.			
4.1.5	The chemical spreader must have a minimum capacity of 1600 liters of liquid de-icer.			
4.1.6	The chemical spreader hopper must be of steel construction.			
4.1.7	Material delivery to the spinner disc must be achieved by either an Auger or Belt feed system.			
4.1.8	The unit must include a material breaker that prevents large clumps from entering the drop chute.			
4.1.9	All grease points must be easily accessible, preferably through a central grease bank.			
4.1.10	The spinner disc must be constructed of stainless steel. The drop chute must be constructed of a material not susceptible to corrosion.			
4.1.11	The spinner must be capable of achieving maximum spread rates of at least 12 metres for solids and 8 metres for liquids.			

Article	FORM B: Substantiation of Technical Compliance	Compliant		Supporting Documentation or Statement of Compliance (please indicate where this information can be found in your Bid)
		Yes	No	
4.1.12	The spinner height above the pavement surface must be easily adjustable.			
4.1.13	The chemical spreader must be supplied with a hopper top grate/screen, galvanized steel screening mesh, and a PVC folding cover.			
4.1.14	A minimum of one access ladder with handholds and safety grip steps must be installed to provide access to the top of the hopper.			
4.1.15	The chemical spreader must be supplied with a minimum of two rear mounted work lights that are adjustable, prefer LED 6 – 8 inch size and 1 rotating beacon, prefer LED Whelen that are independently controlled from the vehicle cab.			
4.2	Tanks & Spray System			
4.2.1	The spray system must be capable of spraying all types of liquid de-icing solutions commonly in use at airports.			
4.2.2	The liquid spray pump must have a minimum flow capacity of 20 litres/minute (5 gpm).			
4.2.3	All components of the spray system must be rated to a minimum of 10 bar (150 psi) working pressure.			
4.2.4	An in-line filter must be installed to filter the de-icing liquid. The filter must be easily accessible and serviceable without draining the tanks.			
4.2.5	The liquid tanks must be secured to the hopper body.			
4.2.6	A large fill port or fill valve (minimum 50 mm (2 in) in size must be installed.			
4.2.7	A sight gauge easily seen from the filling position must be provided.			
4.3	Control System			
4.3.1	The chemical spreader must have a computerized control system that allows for on-the-go operator adjustment of spreading quantity, width and symmetry. The system must automatically adjust these functions in response to road speed.			
4.3.2	The control system must be wired into the vehicle by way of waterproof quick disconnect couplers thus permitting ease of installation.			
4.3.3	The control system must have an in-cab mounted screen to display spreader settings and material dispensing information to the operator. The system must also indicate the level of material or liquid in the hopper and tanks.			

Article	FORM B: Substantiation of Technical Compliance	Compliant		Supporting Documentation or Statement of Compliance (please indicate where this information can be found in your Bid)
		Yes	No	
4.3.4	The control system must be capable of recording and storing relevant information for data collection.			
4.3.5	The control system must have an input/output that allows for the collection of data and upgrading of the internal software.			
4.3.6	The control system must be capable of programming and adjusting the pre-wetting rate from 7% - 30% of the dry rate.			
4.3.7	The control system must have a manual override to allow spreading in the event of a control or electrical failure.			
4.4	Paint			
4.4.1	The chemical spreader body must be primed and painted with an epoxy type paint with zinc. The color must be similar to orange CGSB 1-GP-88, shade 508-101, standard paint colour 1-GP-12.			
A5	Supplementary Requirements			
5.1	Manuals			
5.1.1	The chemical spreader Contractor must provide the printed materials listed below for the chemical spreader delivered. Electronic copies may augment but not replace the printed manuals. The contract will not be considered complete until all printed manuals noted are received.			
5.1.2	One copy of overall maintenance and repair manuals must be provided. These manuals must be current, complete in all respects and not copies (i.e. photocopies) of other manuals. Maintenance manuals must detail correct maintenance procedures for all components and system installations. Maintenance manuals must include clear assembly drawings of all components, systems and assemblies. The manuals must include electrical and hydraulic schematics of the entire chemical spreader.			
5.1.3	One hard copy of an overall parts manual must be provided. This manual must list each individual component manufacturer's part number and provide detailed indexed line drawings of all major chemical spreader assemblies. All drawings must be clearly illustrated and detailed. The chemical spreader manufacturer's stock numbers for each component must be easily cross-referenced with the component manufacturer's part numbers in the manual.			
5.1.4	One hard copy of OEM parts and maintenance manuals must be supplied by the respective manufacturer (OEM) for each of the major components installed on the chemical spreader. Note that all OEM documentation must apply to the chemical spreader on which it is			

Article	<u>FORM B: Substantiation of Technical Compliance</u>	Compliant		Supporting Documentation or Statement of Compliance (please indicate where this information can be found in your Bid)
		Yes	No	
	installed. Generic manuals that exclude necessary details or relevant information necessary for repair and maintenance of the chemical spreader are unacceptable.			
5.1.5	Two copies of a current operator's manual must be supplied with the chemical spreader. Operator's manuals shall be complete in all respects and detail safe operation, adjustment procedures, daily maintenance procedures. DVD discs or on-line manuals may augment but not replace operator manuals.			
5.2	Spare Parts			
5.2.1	The Contractor must ensure that spare parts required to properly maintain and repair the chemical spreader will be available for prompt delivery to the purchaser for a period of at least fifteen (10) years.			
5.2.2	The provision of all parts must be treated as URGENT (unless otherwise specified) and must be made within 48 hours.			
5.2.3	The Contractor shall be required to stock an adequate supply of spare parts at his premises. A list of spare parts must be provided with the tender.			
5.3	Training			
5.3.1	The Contractor must include a minimum of 4 hours on-site training in the operation and maintenance of the chemical spreader.			