



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Travaux publics et Services gouvernementaux
Canada

Place Bonaventure,
800 rue de la Gauchetière Ouest

Voir aux présentes - See herein

Montréal

Québec

H5A 1L6

FAX pour soumissions: (514) 496-3822

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

Travaux publics et Services gouvernementaux Canada
Place Bonaventure,

800 rue de la Gauchetière Ouest

Voir aux présentes - See herein

Montréal

Québec

H5A 1L6

Title - Sujet Chambre à temp altitude humidité	
Solicitation No. - N° de l'invitation 01B30-180100/A	Date 2017-07-07
Client Reference No. - N° de référence du client 01B30-18-0100	
GETS Reference No. - N° de référence de SEAG PW-\$MTA-405-14419	
File No. - N° de dossier MTA-7-40051 (405)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-08-21	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: Séguin, Caroline	Buyer Id - Id de l'acheteur mta405
Telephone No. - N° de téléphone (514) 496-3734 ()	FAX No. - N° de FAX (514) 496-3822
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: MINISTERE DE L'AGRICULTURE ET DE L'AGROALIMENTAIRE CDRSH - ST-HYACINTHE 3600 BOUL.CASAVANT O ST HYACINTHE Québec J2S 8E3 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée .	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

***** CHANGE OF ADDRESS – BID DELIVERY *****

In person or by mail:
Place Bonaventure, 1st Floor
800 de la Gauchetière Street West, Suite 1110
Montreal (QC), H5A 1L6

TABLE OF CONTENTS

PART 1 - GENERAL INFORMATION	3
1.1 SECURITY REQUIREMENTS	3
1.2 REQUIREMENT	3
1.3 DEBRIEFINGS	3
1.4 TRADE AGREEMENTS	3
PART 2 - BIDDER INSTRUCTIONS	3
2.1 STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS	3
2.2 SUBMISSION OF BIDS	3
2.3 ENQUIRIES - BID SOLICITATION	4
2.4 APPLICABLE LAWS	4
PART 3 - BID PREPARATION INSTRUCTIONS	5
3.1 BID PREPARATION INSTRUCTIONS	5
PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION	6
4.1 EVALUATION PROCEDURES	6
4.2 BASIS OF SELECTION	6
PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION	7
5.1 CERTIFICATIONS REQUIRED WITH THE BID	7
5.2 CERTIFICATIONS PRECEDENT TO CONTRACT AWARD AND ADDITIONAL INFORMATION	7
PART 6 - RESULTING CONTRACT CLAUSES	8
6.1 SECURITY REQUIREMENTS	8
6.2 REQUIREMENT	8
6.3 STANDARD CLAUSES AND CONDITIONS	8
6.4 TERM OF CONTRACT	8
6.5 AUTHORITIES	8
6.6 PAYMENT	9
6.7 INVOICING INSTRUCTIONS	10
6.8 CERTIFICATIONS AND ADDITIONAL INFORMATION	10
6.9 APPLICABLE LAWS	11
6.10 PRIORITY OF DOCUMENTS	11
6.11 SACC MANUAL CLAUSES	11
6.12 SHIPPING INSTRUCTIONS - DELIVERY AT DESTINATION	11

Solicitation No. - N° de l'invitation
01B30-180100/A
Client Ref. No. - N° de réf. du client
01B30-18-0100

Amd. No. - N° de la modif.
File No. - N° du dossier
MTA-7-40051

Buyer ID - Id de l'acheteur
MTA405
CCC No./N° CCC - FMS No./N° VME

ANNEX "A"	12
REQUIREMENT	12
3. DELIVERY AND INSTALLATION	14
ANNEX "B"	15
BASIS OF PAYMENT	15
MANDATORY TECHNICAL CRITERIA	16

PART 1 - GENERAL INFORMATION

1.1 Security Requirements

This request does not include a security requirement.

1.2 Requirement

The requirement is detailed under Article 6.2 of the resulting contract clauses.

1.3 Debriefings

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

1.4 Trade Agreements

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

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual* (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) 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: 120 days

2.2 Submission of Bids

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

Place Bonaventure, 1st Floor
800 de la Gauchetière Street West, Suite 1110
Montreal (QC), H5A 1L6

Due to the nature of the bid solicitation, bids transmitted by facsimile to PWGSC will not be accepted.

2.3 Enquiries - Bid Solicitation

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

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

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: two (2) hard copies

Section II: Financial Bid: one (1) hard copy

Section III: Certifications: one (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 should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

Section II: Financial Bid

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

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

Bidders must fill out the Attachment 1 "Mandatory Technical Criteria" below in order to demonstrate their technical compliance.

Bidders must meet all the mandatory technical criteria indicated in the Attachment 1.

4.1.2 Financial Evaluation

The total price for the items indicated in Annex B "Basis of Payment" will be evaluated.

4.1.2.1 SACC Manual Clause

A0222T (2014-06-26), Evaluation of Price

4.2 Basis of Selection

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

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

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

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

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 provide the items detailed under the "Requirement" at Annex "A".

6.3 Standard Clauses and Conditions

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

6.3.1 General Conditions

[2010A](#) (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 date of Contract to April 30th 2018 inclusive

6.4.2 Delivery Date

All the deliverables must be received on or before March 31st 2018.

6.4.3 Delivery Points

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

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Caroline Séguin
Supply Specialist
Public Works and Government Services Canada
Acquisitions Branch
Quebec Region
Address: 800 de la Gauchetière Street West, Suite 1110, Montreal (QC), H5A 1L6
Telephone: (514) 496-3734
Facsimile: (514) 496-3822
E-mail address: Caroline.Z.Seguin@tpsgc-pwgsc.gc.ca

Solicitation No. - N° de l'invitation
01B30-180100/A
Client Ref. No. - N° de réf. du client
01B30-18-0100

Amd. No. - N° de la modif.
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MTA-7-40051

Buyer ID - Id de l'acheteur
MTA405
CCC No./N° CCC - FMS No./N° VME

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

This section will be completed at contract award.

The Technical 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

The Contractor's representative for this contract is:

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 price as specified in Annex B "Basis of Payment" for a cost of \$_____ (*will be completed 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 Single Payment

Canada will pay the Contractor upon completion and delivery of the Work in accordance with the payment provisions of the Contract if:

- a. an accurate and complete invoice and any other documents required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- b. all such documents have been verified by Canada;
- c. the Work delivered has been accepted by Canada.

6.6.4 SACC Manual Clauses

SACC Manual Clauses C2000C (2007-11-30), Taxes – Foreign-based Contractor

6.7 Invoicing Instructions

1. 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.

Each invoice must be supported by:

- a. a copy of time sheets to support the time claimed.
2. 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 _____.

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 _____.

6.11 SACC Manual Clauses

A9068C (2010-01-11), Government Site Regulation
B1501C (2006-06-16), Electrical Equipment
G1005C (2016-01-28), Insurance – No Specific Requirement

6.12 Shipping Instructions - Delivery at Destination

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

Delivered Duty Paid (DDP) – Agriculture Canada, Saint-Hyacinthe Research and Development Centre located at 3600 boulevard Casavant Ouest, St-Hyacinthe, (QC), J2S 8E3, Incoterms 2000 for shipments from a commercial contractor.

ANNEX "A"

REQUIREMENT

1. Background

This project is part of the Refurbishment of a pilot plant at the Saint-Hyacinthe Research and Development Center (Saint-Hyacinthe, Quebec).

Agriculture and Agri-Food Canada is replacing obsolete or aging equipment in the pilot plant, which directly supports the food-processing industry by providing facilities that foster innovation. This includes the development of new or improved products, the adoption of technologies that boost productivity and support for start-up companies. The refurbishment of the plant will modernize and improve science and technology capacity, allowing federal researchers to better support innovation, adoption and sustainability in the sector.

In this context, below are the specifications for an environmental chamber with controllable temperature, altitude and humidity offering us to simulate the different shipping and storage conditions.

2. Criteria

2.1 Mandatory general criteria

- 2.1.1 All electronics controls and their connexions need to be in dry compartment. Components need to be easily accessible for all lifting situation and correspond to the current security standards of the industry.
- 2.1.2 Internal coating of the unit has to be in stainless steel. As for the exterior coating it needs to be rust free or painted steel. The equipment will not be pressure-washed, but it may be sprayed with water;
- 2.1.3 The system must be supplied with a calibration certificate from a recognized organization like A2LA, American Association for Laboratory Accreditation or any equivalent organization;
- 2.1.4 The unit must have CSA certification;
- 2.1.5 Supplier need to deliver hard copy of the certification confirming unit has been pre-tested at the manufacturer's facility.

2.2 Mandatory technical criteria

- 2.2.1 The system must have an automatic and manual mode;
- 2.2.2 The temperature, altitude and humidity controls must be independent of each other;
- 2.2.3 The system must operate and indicate temperature in Celsius (°C);
- 2.2.4 The internal volume of the chamber must be a minimum of 35 cubic feet (1 m³);
- 2.2.5 The system must have an interior light, a window and a window wiper;
- 2.2.6 The system must generate a temperature range from -70°C to 170°C, with precision of 2°C or less, continuously;
- 2.2.7 The heating increase rates must be at least 5°C/min;
- 2.2.8 The cooling increase rates must be at least 2.5°C/min;
- 2.2.9 The system must generate an altitude of at least 100,000 feet (30,480 m), continuously;
- 2.2.10 The altitude increase rate must be at least 1 000 m/min;
- 2.2.11 The system must generate a humidity range from 20% to 95% relative humidity (RH) with a precision of 5% RH or less, continuously;
- 2.2.12 The system must connect directly to the pure water line;
- 2.2.13 All components that come into direct contact with food products must be 316 grade stainless steel or greater. All other stainless steel components must be 304 or greater grade;
- 2.2.14 The system must be compatible with a 60 H and 208 V single-phase, 208 V three-phase, 347 V single-phase or 600 V three-phase electrical system.
- 2.2.15 The control system must have a graphical window to display the variable parameters; temperature, altitude, humidity and time;
- 2.2.16 The control system must have:
 - A minimum of four (4) independent programmable channels;
 - Unlimited intervals with precision of ± 1 second;
 - Unlimited storage space for programs.

- 2.2.17 A program must be able to contain up to 64 stages and each stage must be able to be repeated;
- 2.2.18 The control system must allow a minimum of eight (8) thermocouples to be integrated for recording internal product temperature;
- 2.2.19 The control system must record the variable parameters (temperature, altitude, humidity, time) and allow them to be transferred to a computer by an USB connection. An internet connection and a Bluetooth connection are desirable.

3. Delivery and installation

The delivery of the equipment is required no later than March 31st 2018.

The delivery must be made to the St-Hyacinthe Research and Development Centre located at the following address:

Agriculture and Agri-Food Canada
St-Hyacinthe Research and Development Centre
3600 Casavant Boulevard West
Saint-Hyacinthe, Quebec J2S 8E3

4. Training

A complete training session in French or English at the St-Hyacinthe Research and Development Centre must be provided for a maximum of four (4) users. The training must include, but is not be limited to: maintenance, use and operation of the equipment. A user and maintenance manual must be provided with the equipment ideally in French, otherwise in English: two (2) hard copies or one (1) electronic copy. The training should be given at the time of delivery of the equipment or no later than March 31st 2018.

Solicitation No. - N° de l'invitation
01B30-180100/A
Client Ref. No. - N° de réf. du client
01B30-18-0100

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ANNEX "B"

BASIS OF PAYMENT

The contract will be awarded in Canadian dollars (\$CAD)

The prices indicated below exclude applicable taxes.

Item no.	Item description	Quantity	Unit Price *
1	Environmental chamber with controllable temperature, altitude and humidity as described Annex «A». Make offered : _____ Model offered : _____	1	\$ _____
2	User manuals in French and/or English	1	\$ _____
3	Transport, delivery and installation fees	1	\$ _____
4	On-site training	1	\$ _____
Total			\$ _____

* Currency (if other than \$CAD) : _____

ATTACHMENT 1

MANDATORY TECHNICAL CRITERIA

Criteria no.	Criteria description	Technical bid reference (Page and/or Section)
2.1.1	All electronics controls and their connexions need to be in dry compartment. Components need to be easily accessible for all lifting situation and correspond to the current security standards of the industry;	
2.1.2	Internal coating of the unit has to be in stainless steel. As for the exterior coating it needs to be rust free or painted steel. The equipment will not be pressure-washed, but it may be sprayed with water;	
2.1.3	The system must be supplied with a calibration certificate from a recognized organization like A2LA, American Association for Laboratory Accreditation or any equivalent organization;	
2.1.4	The unit must have CSA certification;	
2.1.5	Supplier need to deliver hard copy of the certification confirming unit has been pre-tested at the manufacturer's facility.	
2.2.1	The system must have an automatic and manual mode;	
2.2.2	The temperature, altitude and humidity controls must be independent of each other;	
2.2.3	The system must operate and indicate temperature in Celsius (°C);	
2.2.4	The internal volume of the chamber must be a minimum of 35 cubic feet (1 m³);	
2.2.5	The system must have an interior light, a window and a window wiper;	
2.2.6	The system must generate a temperature range from -70°C to 170°C, with precision of 2°C or less, continuously;	
2.2.7	The heating increase rates must be at least 5°C/min;	
2.2.8	The cooling increase rates must be at least 2.5°C/min;	
2.2.9	The system must generate an altitude of at least 100,000 feet (30,480 m), continuously;	

2.2.10	The altitude increase rate must be at least 1 000 m/min;	
2.2.11	The system must generate a humidity range from 20% to 95% relative humidity (RH) with a precision of 5% RH or less, continuously;	
2.2.12	The system must connect directly to the pure water line;	
2.2.13	All components that come into direct contact with food products must be 316 grade stainless steel or greater. All other stainless steel components must be 304 or greater grade;	
2.2.14	The system must be compatible with a 60 H and 208 V single-phase, 208 V three-phase, 347 V single-phase or 600 V three-phase electrical system.	
2.2.15	The control system must have a graphical window to display the variable parameters; temperature, altitude, humidity and time;	
2.2.16	<p>The control system must have:</p> <ul style="list-style-type: none"> ▪ A minimum of four (4) independent programmable channels; ▪ Unlimited intervals with precision of ± 1 second; ▪ Unlimited storage space for programs. 	
2.2.17	A program must be able to contain up to 64 stages and each stage must be able to be repeated;	
2.2.18	The control system must allow a minimum of eight (8) thermocouples to be integrated for recording internal product temperature;	
2.2.19	The control system must record the variable parameters (temperature, altitude, humidity, time) and allow them to be transferred to a computer by an USB connection. An internet connection and a Bluetooth connection are desirable.	