



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Travaux publics et Services gouvernementaux
Canada

Voir dans le document/

See herein

NA

Québec

NA

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, portail Sud-Oue
800, rue de La Gauchetière Ouest
7e étage, suite 7300
Montréal
Québec
H5A 1L6

Title - Sujet Wireless Monitoring System Wireless Monitoring System (temperature & CO2 concentration)	
Solicitation No. - N° de l'invitation 39903-210584/A	Date 2020-12-16
Client Reference No. - N° de référence du client 39903-210584	
GETS Reference No. - N° de référence de SEAG PW-\$MTA-030-15973	
File No. - N° de dossier MTA-0-43204 (030)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Standard Time EST on - le 2021-01-21 Heure Normale du l'Est HNE	
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Pommet, Bruno André	Buyer Id - Id de l'acheteur mta030
Telephone No. - N° de téléphone (514) 702-9582 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: AGENCE CANADIENNE D'INSPECTION DES ALIMENTS 3400 Casavant Boul Atten: Martin Dupont martin.dupont2@canada.ca 450-768-6754 St-Hyacinthe Quebec J2S 8E3 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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PART 1 - GENERAL INFORMATION

1.1 Security Requirements

There is no security requirement applicable to this document.

1.2 Requirement

The requirement is detailed under Annex "**A**".

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 Epost Connect service

This bid solicitation allows bidders to use the epost Connect service provided by Canada Post Corporation to transmit their bid electronically. Bidders must refer to Part 2 entitled Bidder Instructions, and Part 3 entitled Bid Preparation Instructions, of the bid solicitation, for further information.

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](#) (2020-05-28) 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

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

2.1.2 Best Delivery Date – Bid *(to be filled by the bidder)*

While delivery is requested as soon as possible, the best delivery that could be offered is _____.

2.2 Submission of Bids

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

PWGSC Québec Region Bid Receiving Unit

Only bids submitted using epost Connect service will be accepted. The Bidder must send an email requesting to open an epost Connect conversation to the following address:

TPSGC.RQReceptionSoumissions-QRSupplyTendersReception.PWGSC@tpsgc-pwgsc.gc.ca

Note: Bids will not be accepted if emailed directly to this email address. This email address is to be used to open an epost Connect conversation, as detailed in Standard Instructions 2003, or to send bids through an epost Connect message if the bidder is using its own licensing agreement for epost Connect.

It is the Bidder's responsibility to ensure the request for opening an epost Connect conversation is sent to the email address above at least six days before the solicitation closing date.

Bids transmitted by facsimile or hardcopy to PWGSC will not be accepted.

For more information on the use of Postel, please see the following link.

<https://buyandsell.gc.ca/steps-to-follow-for-the-bid-submission-to-bid-receiving-unit-bru-using-epost-connect>

2.3 Enquiries - Bid Solicitation

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

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by Bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the 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 Québec.

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

2.5 Bid Challenge and Recourse Mechanisms

- (a) Several mechanisms are available to potential suppliers to challenge aspects of the procurement process up to and including contract award.
- (b) Canada encourages suppliers to first bring their concerns to the attention of the Contracting Authority. Canada's [Buy and Sell](#) website, under the heading "[Bid Challenge and Recourse Mechanisms](#)" contains information on potential complaint bodies such as:
 - Office of the Procurement Ombudsman (OPO)
 - Canadian International Trade Tribunal (CITT)
- (c) Suppliers should note that there are **strict deadlines** for filing complaints, and the time periods vary depending on the complaint body in question. Suppliers should therefore act quickly when they want to challenge any aspect of the procurement process.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

The Bidder must submit its bid electronically in accordance with section 08 of the 2003 standard instructions. The epost Connect system has a limit of 1GB per single message posted and a limit of 20GB per conversation.

The bid must be gathered per section and separated as follows:

Section I: Technical Bid
Section II: Financial Bid
Section III: Certifications

Bids transmitted by facsimile or hardcopy will not be accepted.

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

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.

3.1.1 Electronic Payment of Invoices – Bid

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

If Annex "D" 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

The technical evaluation will be based on the mandatory technical criteria detailed in Annex C.

Bidders must demonstrate that the goods and/or services offered are compliant with each of these mandatory technical criteria with documents and/or technical drawings, which must be submitted with their proposal.

Bidders should complete the grid in Annex C in order to indicate where the technical criteria are demonstrated within their submitted documents and/or technical drawings and include it with their proposal.

4.1.2 Financial Evaluation

The Financial Evaluation Total = Sum of the price of **items 1 to 5** indicated in Annex "B".

4.1.2.1 Evaluation of Price - Canadian/Foreign Bidder

- 1. Bidders must submit firm prices, customs duties and excise taxes included, and Applicable Taxes excluded.
- 2. 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.
- 3. Bidders must provide prices Delivered Duty Paid (DDP) **Saint-Hyacinthe, Qc**, Canada Incoterms® 2010 for shipments from a commercial contractor. Bids will be assessed on a DDP basis.

4.2 Basis of Selection

4.2.1 SACC Manual Clause

A0031T (2010-08-16), Basis of Selection - Mandatory Technical Criteria

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

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

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

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

5.1 Certifications Required with the Bid

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

5.1.1 Integrity Provisions - Declaration of Convicted Offences

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

5.2 Certifications Precedent to Contract Award and Additional Information

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

5.2.1 Integrity Provisions – Required Documentation (*see Annex E*)

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

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](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#>).

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.

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5.2.3 Additional Certifications Precedent to Contract Award

5.2.3.1 Certification *(to be provided by the bidder)*

The supplier of the monitoring system must provide a certification that proves that a minimum of one (1) accredited calibration provider is capable of calibrating the temperature probes of the proposed monitoring system.

PART 6 - RESULTING CONTRACT CLAUSES

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

6.1 Security Requirements

6.1.1 There is no security requirement applicable to the Contract.

6.2 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](#) (2020-05-28), 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 *(to be filled at contract award)*

The period of the Contract is from date of Contract to _____ inclusive.

6.4.2 Delivery Date *(to be filled at contract award)*

All deliverable goods must be received on or before _____.

6.4.3 Delivery Points

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

6.5 Authorities

6.5.1 Contracting Authority

Name: **Bruno André Pommet**

Title: Supply specialist

Public Works and Government Services Canada

Acquisitions Branch Directorate Supply

Address: 800 de la Gauchetière Ouest, suite 7300, Montréal (Québec), Canada, H5A 1L6

Telephone: 514-702-9582

E-mail address: brunoandre.pommet@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 Project Authority *(to be filled at contract award)*

The Project Authority for the Contract is:

Name: _____
Title: _____
Organization: _____
Address: _____
Telephone: _____
Facsimile: _____
E-mail address: _____

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

6.5.3 Contractor's Representative *(to be filled by the bidder)*

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 firm unit prices, as specified in Annex B for a cost of \$ _____ *(amount will be inserted 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 Multiple Payments

SACC Manual clause H1001C (2008-05-12) Multiple payments

6.6.3 SACC Manual Clauses

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

6.6.4 Electronic Payment of Invoices – Contract *(As per bidder's choice-s in Annex D)*

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).

6.6.5 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 has been completed.
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.

6.7 Certifications and Additional Information

6.7.1 Compliance

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

6.8 Applicable Laws *(to be filled by the bidder)*

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in _____ *(insert the name of a province or territory of CANADA).*

6.9 Priority of Documents

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

- (a) the Articles of Agreement;
- (b) the general conditions 2010A (2020-05-28), 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) (If the bid was clarified or amended, insert at the time of contract award: " as clarified on _____ " or " as amended on _____ " and insert date(s) of clarification(s) or amendment(s)).*

6.10 SACC Manual Clauses

A2000C (2006-06-16), Foreign Nationals (Canadian Contractor)
A2001C (2006-06-16), Foreign Nationals (Foreign Contractor)
A9068C (2010-01-11), Government Site Regulations
B1501C (2018-06-21), Electrical equipment
D0018C (2007-11-30), Delivery and Unloading

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G1005C (2016-01-28), Insurance - No Specific Requirement

6.11 Dispute Resolution

- (a) The parties agree to maintain open and honest communication about the Work throughout and after the performance of the contract.
- (b) The parties agree to consult and co-operate with each other in the furtherance of the contract and promptly notify the other party or parties and attempt to resolve problems or differences that may arise.
- (c) If the parties cannot resolve a dispute through consultation and cooperation, the parties agree to consult a neutral third party offering alternative dispute resolution services to attempt to address the dispute.
- (d) Options of alternative dispute resolution services can be found on Canada's Buy and Sell website under the heading "Dispute Resolution".

ANNEX "A"

REQUIREMENT

Wireless monitoring system for equipment and environmental conditions

1. Background

As part of its diagnostic and research activities, the St-Hyacinthe Laboratory of the Canadian Food Inspection Agency (CFIA) needs to acquire a new wireless monitoring system for its equipment and premises (temperature and CO₂ concentration) to replace the current obsolete system. The automated system must include the software and all the hardware necessary to monitor and record the temperatures and CO₂ concentrations of laboratory equipment and premises.

2. Purpose

This document establishes the requirements within the framework of this contract for the acquisition of a wireless monitoring system for laboratory equipment and premises.

3. General requirements:

- 3.1 A prototype system will not be accepted.
- 3.2 The supplier must ensure the operation of the monitoring system during computer updates. The monitoring system must be able to work with future updates and versions of Windows.

4. Mandatory technical specifications

The monitoring system:

- 4.1 The monitoring system must allow users to view monitored and recorded data in real time.
- 4.2 The monitoring system must allow users to view the recorded data from a specified previous period (for example, the user must be able to view the recorded temperature of an equipment during the previous month or a specified period between two target dates). Users must be able to view monitored and recorded data at least in the last two (2) years.
- 4.3 Users must be able to access the monitoring system remotely (for example: from home via an internet connection).
- 4.4 The monitoring system, including software, hardware and licences, must have the capacity to monitor a minimum of 140 temperatures and 5 concentrations of 5% CO₂.
- 4.5 The monitoring system must allow monitoring the temperature and/or the CO₂ concentration of equipment and laboratory rooms over an area of 3300 square meters. The system must ensure its proper operation despite the presence of fire walls (concrete).

-
- 4.6 The monitoring system and equipment must allow monitoring of temperatures and / or CO₂ concentrations even in the event of a power failure for a minimum of 24 hours.
- 4.7 The monitoring system must be equipped with alarms when the monitored and recorded data are outside of the limits established by the user. The monitoring system must include the sending of alerts by email to inform users that a monitored and recorded data is outside the established limits after the timeout period.
- 4.8 The monitoring system must allow the configuration of groups of equipment and premises so that recorded and monitored data can be viewed and alerts can be configured independently between each group.
- 4.9 The monitoring system must allow users to establish limits for each monitored and recorded measurement (for example: for a specified temperature, the user must be able to establish the limits in order to receive alarms / alerts when the temperature is below or above the limits).
- 4.10 The monitoring system must allow a time-out period when a monitored and recorded data is outside of the established limits. A time-out period is defined by a period of time predetermined by the user during which it is acceptable for the monitored and recorded data to be outside the established limits.
- 4.11 The monitoring system must allow users to include a correction factor for probes whose calibration is biased from the actual measurement.
- 4.12 The monitoring system must allow users to modify established limits, change the configuration of the probes associated with the equipment, add probes, and change the configuration of alarms and alerts.
- 4.13 The monitoring system must record the actions taken by users so that these actions can be traced (at a minimum: alarm acknowledgment, alarm deactivation, configuration change).
- 4.14 The monitoring system must have an automatic backup module.

The software:

- 4.15 The monitoring system software must be compatible with Windows 10.
- 4.16 The monitoring system software should be secure and allow access to authorized persons only (for example, the use of a password). The system must allow the use and connection of a minimum of 12 users.

The hardware:

- 4.17 The probes must allow the recording and monitoring of temperatures between -150 ° C and 65 ° C and concentrations of 5% CO₂. The probes must be able to be used in these different conditions: immersion in water, freezing down to -150 ° C, refrigeration, incubation up to 65 ° C).
- 4.18 Temperature probes must have an accuracy and resolution less than or equal to 0.1 ° C and CO₂ probes must have an accuracy and resolution less than or equal to 0.1%.

4.19 The probes must include a calibration or verification certificate attesting that they are compliant on arrival. Certificates must include calibration or verification values.

4.20 The required hardware (for example: probes, transmitters, repeaters, receivers) must be able to plug into NEMA 5-20R (120V) type electrical outlets.

4.21 Probes used to monitor and record critical temperatures must be capable of being calibrated by a minimum of one accredited ISO / IEC 17025 Standard calibration provider (for example: calibrating a probe at a temperature of 42 ° C). The supplier of the monitoring system must provide a certification that a minimum of one (1) accredited calibration provider is capable of calibrating the temperature probes of the proposed monitoring system. (*Certification to this effect is required in Part 5, section 5.2.3 of this solicitation documents.*)

5. Delivery, installation and commissioning:

The monitoring system, including software, accessories and all required components, must be delivered and fully installed by the supplier at:

Canadian Food Inspection Agency (CFIA)
3400, Casavant Boulevard West,
St-Hyacinthe, QC, J2S 8E3

6. Training

A training in French for a minimum of eight (8) users must be provided by the supplier within 24 hours of the system delivery, installation and commissioning.

Training must include, at a minimum:

- the operation of the monitoring system;
- the installation of probes;
- the configuration of the system for probes installation;
- the configuration of the limits established on the measurements;
- the configuration of the alarms;
- the configuration of email alerts;
- the acquittal of alarms;
- the configuration of groups of equipment and rooms.

7. Deliverables

The following documentation must be provided upon delivery in French and/or English in paper and/or electronic format.

- User manual including, at a minimum, the operation of the monitoring system.

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ANNEX A-1:

Please see the plan of the premises attached. The section circled in yellow is the one of the laboratory where the probes have to be distributed / installed.

For your information: CFIA currently uses 5 IP receivers to ensure the proper functioning of the monitoring system to be replaced (section circled in yellow).

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MTA-0-43204

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CCC No./N° CCC - FMS No./N° VME

ANNEX "B"
BASIS OF PAYMENT

Item	Item description	Quantity	Price *
1	A wireless monitoring system with all components, including: -Software; -All required hardware (Ref. Annex A, section 4)	Lot	\$ _____
2	User Manual. (Ref. Annex A, section 7)	1	\$ _____
3	All packaging, transportation and delivery costs.	1	\$ _____
4	Installation and commissioning, all travel costs included (Ref.: Annex A, section 5)	1	\$ _____
5	On-site training, all travel costs included (Ref.: Annex A, section 6)	1	\$ _____
TOTAL			\$ _____ *

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

*Applicable taxes extra.

ANNEX "C"

MANDATORY TECHNICAL CRITERIA TO BE DEMONSTRATED

No.	MANDATORY TECHNICAL CRITERIA (reference to Annex A)	Reference: Please specify where these technical criteria are demonstrated within your technical bid (Page-s #, section-s # or title-s and/or document's title).
4.1	The monitoring system must allow users to view monitored and recorded data in real time.	
4.2	The monitoring system must allow users to view the recorded data from a specified previous period (for example, the user must be able to view the recorded temperature of an equipment during the previous month or a specified period between two target dates). Users must be able to view monitored and recorded data at least in the last two (2) years.	
4.7	The monitoring system must be equipped with alarms when the monitored and recorded data are outside of the limits established by the user. The monitoring system must include the sending of alerts by email to inform users that a monitored and recorded data is outside the established limits after the timeout period.	
4.9	The monitoring system must allow users to establish limits for each monitored and recorded measurement (for example: for a specified temperature, the user must be able to establish the limits in order to receive alarms / alerts when the temperature is below or above the limits).	

4.10	The monitoring system must allow a time-out period when a monitored and recorded data is outside of the established limits. A time-out period is defined by a period of time predetermined by the user during which it is acceptable for the monitored and recorded data to be outside the established limits.	
4.11	The monitoring system must allow users to include a correction factor for probes whose calibration is biased from the actual measurement.	
4.13	The monitoring system must record the actions taken by users so that these actions can be traced (at a minimum: alarm acknowledgment, alarm deactivation, configuration change).	
4.17	The probes must allow the recording and monitoring of temperatures between -150 ° C and 65 ° C and concentrations of 5% CO ₂ . The probes must be able to be used in these different conditions: immersion in water, freezing down to -150 ° C, refrigeration, incubation up to 65 ° C).	
4.18	Temperature probes must have an accuracy and resolution less than or equal to 0.1 ° C and CO ₂ probes must have an accuracy and resolution less than or equal to 0.1%.	

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ANNEX "D"

ELECTRONIC PAYMENT INSTRUMENT

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).

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ANNEX "E"

COMPLETE LIST OF COMPANY BOARD OF DIRECTORS

NOTE TO BIDDERS

WRITE ALL DIRECTOR'S FULL NAMES IN BLOCK LETTERS

PROCUREMENT – BUSINESS NUMBER (PBN) : _____

