



## RETURN BIDS TO:

## RETOURNER LES SOUMISSIONS À:

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

See herein for bid submission  
instructions/

Voir la présente pour les  
instructions sur la présentation  
d'une soumission

NA  
Alberta

## 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/Travaux  
publics et Services gouvernementaux Canada  
Harry Hays Building (HHB)  
Room 759, 220-4th Avenue SE  
Calgary  
Alberta  
T2G 4X3

<b>Title - Sujet</b> Real Time PCR Instruments	
<b>Solicitation No. - N° de l'invitation</b> 39903-210290/A	<b>Date</b> 2020-10-16
<b>Client Reference No. - N° de référence du client</b> 39903-210290	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$CAL-141-7114	
<b>File No. - N° de dossier</b> CAL-0-43049 (141)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2020-11-17</b>	<b>Time Zone Fuseau horaire</b> Mountain Standard Time MST
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Major, Andrea	<b>Buyer Id - Id de l'acheteur</b> cal141
<b>Telephone No. - N° de téléphone</b> (403) 796-3230 ( )	<b>FAX No. - N° de FAX</b> (403) 292-5786
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> CANADIAN FOOD INSPECTION AGENCY 1015 ARLINGTON STREET WINNIPEG Manitoba R3E3M4 Canada	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

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

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Amd. No. - N° de la modif.  
File No. - N° du dossier  
CAL-0-43049

Buyer ID - Id de l'acheteur  
Cal141  
CCC No./N° CCC - FMS No./N° VME

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## **PART 1 - GENERAL INFORMATION**

### **1.1 Requirement**

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

### **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 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.

### **2.2 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 Western 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:  
[roreceptionSoumissions.wrbidreceiving@tpsgc-pwgsc.gc.ca](mailto:roreceptionSoumissions.wrbidreceiving@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.

### **2.4 Enquiries - Bid Solicitation**

All enquiries must be submitted in writing to the Contracting Authority no later than 10 calendar days before the bid closing date. Enquiries received after that time may not be answered.

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

## 2.5 Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Manitoba.

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.

## 2.6 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.

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## **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.

#### **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 “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

##### **3.1.3 SACC Manual Clauses**

#### **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**

Failure to meet any of the following mandatory criteria at solicitation closing will render your submission non-compliant and given no further consideration:

1. Compliance with the terms and conditions contained in this document.
2. Ability to meet the mandatory technical criteria, as described in Annex "A".

#### **4.1.2 Financial Evaluation**

*SACC Manual* Clause [A0222T](#) (2014-06-26), Evaluation of Price-Canadian/Foreign Bidders

### **4.2 Basis of Selection**

#### **4.2.1 Mandatory Technical Criteria**

Basis of Selection- Mandatory Technical Criteria

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

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## PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

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

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

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

### 5.1 Certifications Required with the Bid

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

#### 5.1.1 Integrity Provisions - Declaration of Convicted Offences

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

### 5.2 Certifications Precedent to Contract Award and Additional Information

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

#### 5.2.1 Integrity Provisions – Required Documentation

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real 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.

## 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

The period of the Contract is from (*TBD*) to (*TBD*) inclusive.

#### 6.4.2 Delivery Date

All deliverables are requested to be received on or before March 21, 2021.

#### 6.4.5 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:

Name: Andrea Major  
Title: Procurement Specialist  
Public Services and Procurement Canada  
Procurement Branch

Address: Harry Hays Building Room 759  
220 4<sup>th</sup> Ave SE  
Calgary AB T2G 4X3

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CAL-0-43049

Buyer ID - Id de l'acheteur  
Cal141  
CCC No./N° CCC - FMS No./N° VME

Telephone: 403-796-3230  
E-mail address: andrea.major@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 Project Authority

The Project Authority for the Contract is: *To be provided at contract award*

Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_

Telephone: \_\_\_\_\_  
Facsimile: \_\_\_\_\_  
E-mail address: \_\_\_\_\_

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

### 6.5.3 Contractor's Representative

*To be filled out by bidder:*

Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_

Telephone: \_\_\_\_\_  
Facsimile: \_\_\_\_\_  
E-mail address: \_\_\_\_\_

## **6.7 Payment**

### **6.7.1 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" for a cost of \$ \_\_\_\_\_(to be determined)\_\_\_\_. 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.

### **6.7.2 Limitation of Price**

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

### **6.6.3 Single Payment**

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

### **6.7.4 SACC Manual Clauses**

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

### **6.7.5 Electronic Payment of Invoices – Contract**

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

*(To be determined at contract award)*

## **6.8 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.
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.

## **6.9 Certifications and Additional Information**

### **6.9.1 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.

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## 6.10 Applicable Laws

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

## 6.11 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;
- (c) the general conditions 2010A (2020-05-28) General conditions: Goods (medium complexity);
- (d) Annex A, Requirement;
- (e) Annex B, Basis of Payment;
- (f) the Contractor's bid dated \_\_\_\_\_.

## 6.12 SACC Manual Clauses

B1501C (2018-05-21) Electrical Equipment  
B7500C (2006-06-16) Excess Goods

## 6.13 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**

The National Center for Foreign Animal Diseases Laboratory fulfills a variety of functions including providing scientific expertise and technologies for the prevention, detection, and control and reporting of foreign animal diseases, zoonotic infections and emerging diseases. Currently we have 3 outdated real time RT-PCR machines manufactured by Applied Bio-Systems (ABI-7500). We want to replace them with more advanced machines as it is our responsibility to continually evolve and advance through the evaluation, validation and incorporation of more efficient platforms, equipment and procedures for detection and diagnosis.

### **COMPLIANCE MATRIX – MINIMUM MANDATORY PERFORMANCE SPECIFICATIONS**

#### **Instructions to Bidders**

1. A complete list of the mandatory evaluation criteria are detailed in the Compliance Matrix below.
2. Bids which fail to meet all of the mandatory evaluation criteria will be declared non-responsive.
3. Bidders should demonstrate their understanding of the requirements contained in the bid solicitation and explain how they meet each mandatory evaluation criteria. Bidder should demonstrate their capability in a thorough, concise and clear manner.
4. The technical bid should address clearly and in sufficient depth the points that are subject to the evaluation criteria against which the bid will be evaluated. Simply repeating the statement contained in the bid solicitation or stating, without any substantiating information, that a bidder is compliant will not be sufficient.
5. Substantiating information may include, but is not limited to, specification sheets, technical brochures, photographs or illustrations. If published supporting technical documentation is not available, the Bidder should prepare a written narrative complete with a detailed explanation of how its bid demonstrates technical compliance. All substantiating information should be provided with the bid at solicitation closing date. It is the Bidders responsibility to ensure that the submitted supporting technical documentation provides detail to demonstrate that the proposed product(s) meet the requirements of the evaluation criteria.
6. If the supporting documentation referenced above has not been provided at bid closing, the Contracting Authority will notify the Bidder that they must provide supporting documentation within two (2) business days following notification. Failure to comply with the request of the Contracting Authority within that time period, will deem the bid non-responsive and the bid will be given no further consideration.
7. In order to facilitate the evaluation of the bid, Canada requests that bidders address and present the topics in the order of the evaluation criteria, and include a grid in their proposal, containing the information which demonstrates how the bidder meets each evaluation criteria. Alternatively, and to avoid any duplication, bidders may also refer to the different sections of their bids by identifying the specific paragraph and page number where the subject topic has already been addressed.

8. Bidders must address any concerns with the performance specifications in written detail to the Contracting Authority before bid closing as outlined in the Request for Proposal (RFP) document.

**COMPLIANCE MATRIX – MINIMUM MANDATORY PERFORMANCE SPECIFICATIONS:**

Requirement:	Manufacturer(s) Offered:	Model Number(s) Offered:

Item #	Performance Specification	Status (M) Mandatory	Performance Specification Offered:  Bidder <u>should</u> indicate how they meet the performance specification by recording this information in this column	Cross Reference:  In this column, Bidders <u>should</u> cross-reference where this performance specification is indicated in their supporting documents
<b>Real time PCR Machine</b>				
1	Instrument must be capable of running 96 or 384 samples loaded in 96 (0.1 or 0.2 µl) - 384 (5 – 20 µl) well plates. For this purpose, the instrument must have easily and a fully motorised inter-changeable block (without any instrument) from 96 to 384 well format blocks.	M		
2	The instrument must have the capability of running 96 samples with 6 independent temperature zones and at least 18 possible filter combinations. This means a sample can be run using 6 completely different assays in one instrument.	M		
3	The system must be low maintenance and thus must utilize LED for excitation (the LEDs for excitation must also be capable of optimally exciting all of the dyes used in real time PCR and therefore must span the spectral range of 450-730 nm) supporting dyes FAM/SYBR Green, VIC/JOE/HEX/TET, ABY/NED/TAMRA/Cy3, JUN, ROX/Texas Red, MUSTANG PURPLE, Cy5/LIZ, Cy5.5 with having at least 18 filter combination possible, giving the option to calibrate additional dyes without adding new filter sets. This feature will assure us	M		

	flexibility and long term instrument usage even in the eventuality that a new dye is developed.			
4	The instrument must be compatible with array cards for gene expression studies (Example TaqMan array cards).	M		
5	The instrument must be compatible with 96 – well plates with adhesive cover, 96 – well plates with optical flat caps, 8 – tube strips with flat optical caps and individual tubes with optical flat caps. The instrument's block must be fully motorised and accessible from the front of the instrument to maximize bench space.	M		
6	To enables a personalized experience, improve the efficiency of the lab and help streamline of our workflow, the instrument must have smart features, including facial authentication (to allow easy individual user access to system and profile preferences without the need to enter a PIN manually), hands-free operation (voice command), radio-frequency identification (RFID) smart plate workflow, Smart help and Smart remote support.	M		
7	To free up bench space, the instrument must be able to run in standalone mode, without a computer attached and must still allow easy access to data via the instrument touch screen interface that enables viewing of amplification plots and filtering by sample, target and task. The touch screen must allow editing of plate lay out and thermal-cycling conditions before and during the run. The touch screen must allow uploading of protocols and downloading of run files through USB port.	M		
8	The system must automatically back up the data post run to the instrument itself and to CFIA network drive at the same time. The instrument must offer sufficient memory capacity of at least 10GB to store between 1000-2000 standard	M		

	absolute quantification run files to ensure of no loss of data.			
9	The instrument must be provided with verification plates to verify performance and dye calibration.	M		
10	The instrument must have automation capability for future potential needs.	M		
11	The instrument must have built in Fast and Standard thermal cycling and chemistry modes with the Fast mode having the ability to complete runs in less than 30 minutes (achieved by a ramp speed of 6.5°C/s).	M		
12	Instrument must be used in standard 100V-240V without modification or special plug requirements.	M		
<b>Real time PCR software</b>				
1	The ability to maintain conformity of practice with our partner laboratories in the Canadian Animal Health Lab Network (CAHLN); all diagnostic assay protocols that were in-house validated on Applied BioSystem (ABI) 7500 PCR platforms should be easily transferable to the new platform.	M		
2	The software used to control the instrument and analyze the data must be as user-friendly as possible, and should be able to analyze data generated by the probe chemistry applied. A critical part of the software is to specify from which channels that data should be recorded from.	M		
3	Specialized application specific software that collects and analyzes fluorescent data for Absolute Quantitation, Relative Quantitation, Relative Standard Curve, and Allelic Discrimination/SNP (single nucleotide polymorphism). Software must also allow for end point analysis for multiple dyes and present absent analysis.	M		
4	The software must allow user to run any assay plate without performing plate setup prior to the beginning the run and correct all plate setup mistakes including incorrect dye or target assignment after the run.	M		
5	Exportation of raw and analyzed data to Microsoft® Excel® or Microsoft®	M		

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	Powerpoint® software.			
6	Real-time monitoring of amplification growth curves enabling user to view run progress.	<b>M</b>		
7	The software must allow the ability to run multiple standard curves for different assays on the same plate.	<b>M</b>		
8	The software must allow recognition of replicates and subsequent calculation of standard deviation and removal of outliers for each set of replicates.	<b>M</b>		
9	Instrument must be developed and manufactured according to ISO (International Organization for Standardization) standards.	<b>M</b>		
10	The equipment must be supplied with the laptop with software that can be used for extra data manipulation.	<b>M</b>		

**Warranty** - The Real-Time PCR instrument must come with a standard one year warranty as listed in the general conditions – with the additional warranty options and on site repair. The equipment must come with software and instructions, and all contact information for future service and support.

**Deliver to:**

Canadian Food Inspection Agency  
Winnipeg Laboratory  
c/o:  
The Public Health Agency of Canada  
Unit 41 – 820 Berry St  
Winnipeg, MB  
R3H 1H2  
Attn: Yohannes Berhane

**Invoice:**

Canadian Food Inspection Agency  
1015 Arlington St.  
Winnipeg, MB  
R3E 3M4

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## ANNEX "B"

### BASIS OF PAYMENT

- GST is excluded from the prices herein.
- GST (if applicable) is to be added to the invoice as a separate item.
- The extended price is obtained by multiplying the quantity by the firm unit price.

Item #	Description	Quantity	Firm Unit Price	Extended Price
1	<b>Real-Time PCR Instrument</b> as per the mandatory performance specifications in Annex "A".	3	\$ _____	\$ _____
	<b>FOB Destination including all delivery and off-loading charges per delivery location listed in Annex A.</b>	1	\$ _____	\$ _____
<b>Total Bid Price</b>				\$ _____

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## **ANNEX “C” to PART 3 OF THE BID SOLICITATION**

### **ELECTRONIC PAYMENT INSTRUMENTS**

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)