



**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
Public Works and Government Services Canada  
ATB Place North Tower  
10025 Jasper Ave./10025 ave. Jaspe  
5th floor/5e étage  
Edmonton  
Alberta  
T5J 1S6  
Bid Fax: (780) 497-3510

**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**

<b>Title - Sujet</b> Flow Cytometer	
<b>Solicitation No. - N° de l'invitation</b> 01581-190465/B	<b>Date</b> 2019-01-31
<b>Client Reference No. - N° de référence du client</b> 01581-190465	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$EDM-034-11560	
<b>File No. - N° de dossier</b> EDM-8-41139 (034)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2019-03-13</b>	<b>Time Zone</b> <b>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 type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Nigam, Nidhi	<b>Buyer Id - Id de l'acheteur</b> edm034
<b>Telephone No. - N° de téléphone</b> (587) 532-8142 ( )	<b>FAX No. - N° de FAX</b> (780) 497-3510
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> DEPARTMENT OF AGRICULTURE AND AGRI-FOOD BOX 1030, 1 AIRPORT RD GATE 4 SWIFT CURRENT Saskatchewan S9H3X2 Canada	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

**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  
ATB Place North Tower  
10025 Jasper Ave./10025 ave Jasper  
5th floor/5e étage  
Edmonton  
Alberta  
T5J 1S6

<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</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

This bid solicitation cancels and supersedes previous bid solicitation number 01581-190465/A dated 2018-11-20 with a closing of 2019-01-04 at 14:00 pm MST. A debriefing or feedback session will be provided upon request to bidders/offerors/suppliers who bid on the previous solicitation.

## TABLE OF CONTENTS

<b>PART 1 - GENERAL INFORMATION</b> .....	<b>2</b>
1.1 REQUIREMENT.....	2
1.2 DEBRIEFINGS.....	2
1.3 TRADE AGREEMENTS.....	2
1.4 EPOST CONNECT SERVICE .....	2
<b>PART 2 – BIDDER INSTRUCTIONS</b> .....	<b>2</b>
2.1 STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS .....	2
2.2 SUBMISSION OF BIDS .....	2
2.3 ENQUIRIES - BID SOLICITATION .....	3
2.4 APPLICABLE LAWS .....	3
<b>PART 3 - BID PREPARATION INSTRUCTIONS</b> .....	<b>3</b>
3.1 BID PREPARATION INSTRUCTIONS.....	3
<b>PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION</b> .....	<b>5</b>
4.1 EVALUATION PROCEDURES .....	5
4.2 BASIS OF SELECTION .....	5
<b>PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION</b> .....	<b>5</b>
5.1 CERTIFICATIONS REQUIRED WITH THE BID.....	6
5.2 CERTIFICATIONS PRECEDENT TO CONTRACT AWARD AND ADDITIONAL INFORMATION.....	6
<b>PART 6 - RESULTING CONTRACT CLAUSES</b> .....	<b>6</b>
6.1 SECURITY REQUIREMENTS .....	6
6.2 REQUIREMENT.....	6
6.3 STANDARD CLAUSES AND CONDITIONS .....	6
6.4 TERM OF CONTRACT.....	7
6.5 AUTHORITIES.....	7
6.6 PAYMENT .....	8
6.7 INVOICING INSTRUCTIONS.....	8
6.8 CERTIFICATIONS AND ADDITIONAL INFORMATION .....	9
6.9 APPLICABLE LAWS .....	9
6.10 PRIORITY OF DOCUMENTS .....	9
6.11 SACC MANUAL CLAUSES.....	9
<b>ANNEX ``A``</b> .....	<b>10</b>
<b>REQUIREMENT</b> .....	<b>10</b>
<b>ANNEX ``B``</b> .....	<b>14</b>
<b>BASIS OF PAYMENT</b> .....	<b>14</b>
<b>ANNEX C TO PART 3 OF THE BID SOLICITATION</b> .....	<b>15</b>
ELECTRONIC PAYMENT INSTRUMENTS .....	15

Solicitation No. - N° de l'invitation  
01581-190465/B  
Client Ref. No. - N° de réf. du client  
01581-190465

Amd. No. - N° de la modif.  
File No. - N° du dossier  
EDM-8-41139

Buyer ID - Id de l'acheteur  
Edm034  
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 Trade Agreements**

The requirement is subject to the provisions of the North American Free Trade Agreement (NAFTA) and the Canadian Free Trade Agreement (CFTA).

### **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>) 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 (2018-05-22) 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 Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated on page 1 of the bid solicitation.

**BRU identification:** Public Works and Government Services Canada  
ATB Place North Tower  
10025 Jasper Ave, 5th floor  
Edmonton, Alberta, T5J 1S6

**Email address for bids submitted through epost Connect service:**

[ROReceptionSoumissions.WRBidReceiving@tpsgc-pwgsc.gc.ca](mailto:ROReceptionSoumissions.WRBidReceiving@tpsgc-pwgsc.gc.ca)

**Bids will be not be accepted if emailed directly to this email address. This email is to initiate an ePost Connect conversation, as detailed in the Standard Instructions.**

**Bid facsimile number:** 780-497-3510

### **2.3 Enquiries - Bid Solicitation**

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

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

### **2.4 Applicable Laws**

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

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**

- If the Bidder chooses to submit its bid electronically, Canada requests that the Bidder submits its bid in accordance with section 08 of the 2003 standard instructions. Bidders must provide their bid in a single transmission. The epost Connect service has the capacity to receive multiple documents, up to 1GB per individual attachment.

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

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

- If the bidders chooses to submit its bid in hard copies, Canada requests that the Bidder submits its bid in separately bound sections as follows:

Canada requests that the Bidder submits its bid in separately bound sections as follows:

Section I: Technical Bid (1 hard copy)  
Section II: Financial Bid (1 hard copy)  
Section III: Certifications (1 hard copy)

If there is a discrepancy between the wording of the soft copy on electronic media and the hard copy, the wording of the hard copy will have priority over the wording of the soft copy.

- If the Bidder is simultaneously providing copies of its bid using multiple acceptable delivery methods, and if there is a discrepancy between the wording of any of these copies and the electronic copy provided through epost Connect service, the wording of the electronic copy provided through epost Connect service will have priority over the wording of the other copies.

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 hard copy 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>). 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 demonstrate their understanding of the requirements contained in the bid solicitation and explain how they will meet these requirements. Bidders should demonstrate their capability in a thorough, concise and clear manner for carrying out the work.

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 is not sufficient. In order to facilitate the evaluation of the bid, Canada requests that Bidders address and present topics in the order of the evaluation criteria under the same headings. To avoid duplication, Bidders may refer to different sections of their bids by identifying the specific paragraph and page number where the subject topic has already been addressed.

#### **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

**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.

- (a) Ability to provide the items in accordance with Annex "A", requirement.
- (b) Compliance with the terms and conditions contained in this document.

**4.1.2 Financial Evaluation**

A0220T (2014-06-26), Evaluation of Price - Canadian / Foreign Bidders

The total assessed bid price quoted in "Annex B - Basis of Payment" will be determined by multiplying the firm unit/lot price for each line item by the quantity. The extended totals for all items, will be aggregated to reach the total assessed bid 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](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>) issued by Public Works and Government Services Canada.

#### 6.3.1 General Conditions

2010A (2018-06-21), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

Solicitation No. - N° de l'invitation  
01581-190465/B  
Client Ref. No. - N° de réf. du client  
01581-190465

Amd. No. - N° de la modif.  
File No. - N° du dossier  
EDM-8-41139

Buyer ID - Id de l'acheteur  
Edm034  
CCC No. /N° CCC - FMS No./N° VME

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## 6.4 Term of Contract

### 6.4.1 Delivery Date

All the deliverables must be received on or before 2019-05-31.

### 6.4.2 Delivery Points

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

### 6.4.3 Optional Goods

The Contracting Authority may exercise the option within one year after contract award by sending a written notice to the Contractor

## 6.5 Authorities

### 6.5.1 Contracting Authority

Name: Nidhi Nigam  
Title: Procurement Officer  
Public Works and Government Services Canada  
Acquisitions Branch  
Directorate: Western Region  
Address: 5<sup>th</sup> Floor, ATB Place North Tower  
Telephone: 587-532-8142  
Facsimile: 780-497-3510  
E-mail address: nidhi.nigam@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: **[inserted at contract award]**

Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_  
  
Telephone: \_\_\_\_\_  
Facsimile: \_\_\_\_\_  
E-mail address: \_\_\_\_\_  
Procurement Business Number: \_\_\_\_\_

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

Solicitation No. - N° de l'invitation  
01581-190465/B  
Client Ref. No. - N° de réf. du client  
01581-190465

Amd. No. - N° de la modif.  
File No. - N° du dossier  
EDM-8-41139

Buyer ID - Id de l'acheteur  
Edm034  
CCC No. /N° CCC - FMS No./N° VME

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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 completed by the bidder]**

Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
E-mail address: \_\_\_\_\_

**6.6 Payment**

**6.6.1 Basis of Payment**

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm lot price(s) as specified in Annex "B", for a cost of \$ \_\_\_\_\_. 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 Single Payment**

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

**6.6.3 SACC Manual Clauses**

SACC Manual clause C2000C (2007-11-30) Taxes - Foreign-based Contractor (if applicable).

**6.6.4 Electronic Payment of Invoices – Contract**

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

- a. Visa Acquisition Card;
- b. MasterCard Acquisition Card;
- c. Direct Deposit (Domestic and International);
- d. Electronic Data Interchange (EDI);
- e. Wire Transfer (International Only);
- f. Large Value Transfer System (LVTS) (Over \$25M)

**6.7 Invoicing Instructions**

The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.

Invoices must be distributed as follows:

- a) The original and one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.

Solicitation No. - N° de l'invitation  
01581-190465/B  
Client Ref. No. - N° de réf. du client  
01581-190465

Amd. No. - N° de la modif.  
File No. - N° du dossier  
EDM-8-41139

Buyer ID - Id de l'acheteur  
Edm034  
CCC No. /N° CCC - FMS No./N° VME

---

- b) One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

## **6.8 Certifications and Additional Information**

### **6.8.1 Compliance**

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

### **6.9 Applicable Laws**

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in \_\_\_\_\_. (Insert the name of the province or territory as specified by the Bidder in its bid, if applicable)

### **6.10 Priority of Documents**

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

- (a) the Articles of Agreement;
- (b) the general conditions 2010A (2018-06-21) General Conditions – Goods ( Medium Complexity);
- (c) Annex ``A``, Requirement;
- (d) Annex ``B``, Basis of Payment;
- (e) the Contractor's bid dated \_\_\_\_\_ (insert date of bid).

### **6.11 SACC Manual Clauses**

B1501C (2006-06-16), Electrical Equipment

B7500C (2006-06-16), Excess Goods

C5201C (2008-05-12), Prepaid Transportation Costs

D0018C (2007-11-30), Delivery and Unloading

G1005C (2008-05-12), Insurance

K0031C (2016-01-28), Warranty – Modification – General Conditions 2010A

Solicitation No. - N° de l'invitation  
F2442-180018/B  
Client Ref. No. - N° de réf. du client  
F2442-180018

Amd. No. - N° de la modif.  
File No. - N° du dossier  
EDM-8-41071

Buyer ID - Id de l'acheteur  
Edm034  
CCC No. /N° CCC - FMS No./N° VME

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## ANNEX ``A``

### REQUIREMENT

Department of Agriculture and Agri-Food Canada (AAFC) requires delivery, installation, testing and training of one (1) Flow Cytometer. The unit must be new and currently in production.

Complete delivery including installation, testing and training must be no later than **May 31, 2019**. Please indicate below:

**Meet Delivery Requirement** \_\_\_\_\_

Or

**Unable to Meet Delivery Requirement** \_\_\_\_\_

**Delivery Location:** FOB Destination, including all delivery charges to:

Swift Current Research and Development Centre  
Agriculture and Agri-Food Canada  
1 Airport Road, Gate 4  
Swift Current, Saskatchewan, S9H 3X2

**Installation:** An authorized company installation specialist must install the system and certify that it is operating properly.

**Training:** Must provide one on-site training session for up to five (5) AAFC employees during installation. Training should cover description, utilization, and operation of instrument so as to minimize negligent operation by users.

**Warranty:** Warranty must be one year, including all parts & labour, shipping & handling, and travel.

**One year service/preventive maintenance plan:** Contractor must provide a minimum of one year service/preventive maintenance plan (certified parts and labour, software updates, instrument cleaning and calibration etc.).

**Optional Purchase:** For evaluation purposes, bidder should provide price quote for tube carousel/plate loader as outlined in Annex "B", Basis of Payment. If within one year after award the Technical Authority determines the need to purchase this optional item, the contractor will be paid using this price quote. The option may only be exercised by the Contracting Authority, and will be evidenced for administrative purposes only, through a contract amendment. The Contracting Authority may exercise the option within one year after award by sending a written notice to the Contractor.

**Note:** If upon delivery and acceptance, the product is found not to meet the mandatory Performance Specifications, the product will be returned at the Supplier's expense, and the Contract terminated for default.

**Compliance Matrix – Mandatory Performance Specifications**

A complete list of the mandatory performance specifications are detailed below in the “Compliance matrix”. Bidders are to clearly demonstrate compliance with each mandatory specification.

1. Bidders must indicate how they meet each mandatory performance specification by recording this information under the Specification Offered / Cross Reference column in the Compliance Matrix.
2. It is requested that supporting technical documentation, including but not limited to, specification sheets, technical brochures, photographs or illustrations be provided with the bid at solicitation close and be cross-referenced on the Compliance Matrix for each performance specification to outline where in the supporting technical documentation it demonstrates compliance. It is the Bidders responsibility to ensure that the submitted supporting technical documentation provides detail to prove that the proposed product(s) meet the requirements of the Performance Specification. If published supporting technical document is not available, the Bidder should prepare a written narrative complete with a detailed explanation of how its bid demonstrates technical compliance.
3. 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.
4. 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.
5. Failure to meet each mandatory performance specification will result in the bid being deemed non-responsive, and be given no further consideration.

	<b>MANDATORY PERFORMANCE SPECIFICATIONS</b>	<b>Specification Offered/Cross Reference:</b> Bidder should indicate how they meet the performance specification by recording this information in this column or Bidders should cross-reference where this performance specification is indicated in their supporting documents.
	<b>Optics</b>	
<b>1A</b>	Flow cytometer must be equipped with two active excitation sources: one excitation source must be suitable for excitation of propidium iodide (e.g. blue laser at 488 nm or green laser at 525-535 nm) and other excitation source must be suitable for DAPI (e.g. violet laser at 405 nm or UV laser at 350-390 nm).	
<b>1B</b>	Instrument must have the ability to have additional excitation sources added or activated at a later date.	
	<b>Instrument</b>	

	<b>MANDATORY PERFORMANCE SPECIFICATIONS</b>	<b>Specification Offered/Cross Reference:</b> Bidder should indicate how they meet the performance specification by recording this information in this column or Bidders should cross-reference where this performance specification is indicated in their supporting documents.
2	Flow cytometer must be equipped with a single tube loader and must be compatible with a tube carousel or plate loader.	
	<b>Performance</b>	
3	Flow cytometer must have the ability to run a range of sample volumes from 50 µl to 2 ml.	
4	Flow cytometer must have adjustable rates of sample flow, from at least 15 to 200 µl/min (user-adjustable at a minimum of 1 µl increments).	
5	Flow cytometer must be able to resolve particles in a range of sizes from 0.2 µm to 40 µm.	
6	<p>The flow cytometer must have the appropriate filters and detectors to measure:</p> <ul style="list-style-type: none"> <li>&gt; forward scatter (FSC)</li> <li>&gt; side scatter (SSC)</li> <li>&gt; fluorescence (a minimum of four detectors for various emission spectra)</li> </ul>	
7	Flow cytometer must have the ability to have fluorescence displayed as a linear scale and log scale (at the same time, or after running but with the same data).	
8	Flow cytometer must have a dynamic range of six or more decades of resolution.	
9	Flow cytometer must have the ability to generate absolute counts.	
10	Flow cytometer must have the ability for gain (voltage) to be adjusted by the user.	
11	Carryover rate must be less than 1%.	

Solicitation No. - N° de l'invitation  
F2442-180018/B  
Client Ref. No. - N° de réf. du client  
F2442-180018

Amd. No. - N° de la modif.  
File No. - N° du dossier  
EDM-8-41071

Buyer ID - Id de l'acheteur  
Edm034  
CCC No. /N° CCC - FMS No./N° VME

	<b>MANDATORY PERFORMANCE SPECIFICATIONS</b>	<b>Specification Offered/Cross Reference:</b> Bidder should indicate how they meet the performance specification by recording this information in this column or Bidders should cross-reference where this performance specification is indicated in their supporting documents.
	<b>Software</b>	
<b>12</b>	Must include fully licensed software for a minimum of 2 computers.	
<b>13</b>	Software must be Windows 10 compatible.	
	<b>Maintenance</b>	
<b>14</b>	Must include a minimum of 1-year service/preventative maintenance plan (certified parts and labor, software updates, instrument cleaning and calibration, etc.).	
	<b>Warranty</b>	
<b>15</b>	Warranty must be one year, including all parts & labour, shipping & handling, and travel.	

**ANNEX ``B``**

**BASIS OF PAYMENT**

- Bidders must complete the below table and submit it with their proposal.
- Firm unit/lot Prices are FOB destination and must include all delivery, off-loading, installation, and warranty charges to AAFC, Swift Current Research and Development Centre, Swift Current, SK, S9H 3X2.
- Firm unit/lot Prices for on-site testing and training of the system includes all costs for labour, materials, equipment, tools, travel/meals/lodging, and supervision necessary to provide the work.
- Firm Unit/lot Price do not include Applicable taxes. Applicable taxes will be added as a separate line item to any invoice issued as a result of a Contract.
- All Firm Unit/lot Prices are in Canadian Dollars (CAD)
- All line items must be filled out in order for the bid to be deemed responsive, if any line tem is left blank it will be considered zero for evaluation purposes.

**Delivery location:**

***FOB Destination, including all delivery charges to:***

Swift Current Research and Development Centre  
 Agriculture and Agri-Food Canada  
 1 Airport Road, Gate 4  
 Swift Current, Saskatchewan, S9H 3X2

Item	Description	Quantity (A)	Firm Unit/Lot Price (B)	Extended Total (AxB)
<b>Mandatory</b>				
1	Supply, install, and delivery of the Flow Cytometer in compliance with the requirement outlined in Annex A;	1 lot	\$_____/lot	\$_____
2	On-site testing and training of the system as outlined in Annex A	1 lot	\$_____/lot	\$_____
<b>Optional</b>				
3	Tube Carousel or Plate Loader	1 lot	\$_____/lot	\$_____
<b>Total assessed bid price</b>				\$ _____

Solicitation No. - N° de l'invitation  
F2442-180018/B  
Client Ref. No. - N° de réf. du client  
F2442-180018

Amd. No. - N° de la modif.  
File No. - N° du dossier  
EDM-8-41071

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

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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)