



**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
**Bid Receiving Public Works and Government  
Services Canada/Réception des soumissions  
Travaux publics et Services gouvernementaux  
Canada**  
800 Burrard Street, Room 219  
800, rue Burrard, pièce 219  
Vancouver, BC V6Z 0B9

**REQUEST FOR PROPOSAL  
DEMANDE DE PROPOSITION**

**Proposal To: Public Works and Government  
Services Canada**

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

**Proposition aux: Travaux Publics et Services  
Gouvernementaux Canada**

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

**Comments - Commentaires**

<b>Title - Sujet</b> Liquid Chromatograph	
<b>Solicitation No. - N° de l'invitation</b> 01555-160620/A	<b>Date</b> 2015-11-23
<b>Client Reference No. - N° de référence du client</b> 01555-160620	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$VAN-532-7665	
<b>File No. - N° de dossier</b> VAN-5-38285 (532)	<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 2016-01-06</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Pacific Standard Time PST
<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> Takasaki, Alan H.	<b>Buyer Id - Id de l'acheteur</b> van532
<b>Telephone No. - N° de téléphone</b> (604) 775-7605 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> DEPARTMENT OF AGRICULTURE AND AGRI-FOOD 6947 HWY 7 P.O.BOX 1000 AGASSIZ British Columbia V0M1A0 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 - Pacific  
Region  
219 - 800 Burrard Street  
800, rue Burrard, pièce 219  
Vancouver, BC V6Z 0B9

<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/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

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## PART 1 - GENERAL INFORMATION

### 1.1 Requirement - Bid

The requirement is detailed under Article 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 Agreement on Internal Trade (AIT)."

## 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 (2015-07-03) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 3 of Section 01 Integrity Provisions - Bid of the Standard Instructions 2003 incorporated by reference above is deleted in its entirety and replaced with the following:

#### 3. List of Names

- a. Bidders who are incorporated or who are a sole proprietorship, including those bidding as a joint venture, have already provided a list of names of all individuals who are directors of the Bidder, or the name of the owner(s), at the time of submitting an arrangement under the Request for Supply Arrangement (RFSA).
- b. These Bidders must immediately inform Canada in writing of any changes affecting the list of directors during this procurement process.

Subsection 5.4 of 2003, Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: 60 days

Insert: 120 days

### 2.2 Submission of Bids

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

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

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## 2.2.1 Improvement of Requirement During Solicitation Period

Should bidders consider that the specifications or Statement of Work contained in the bid solicitation could be improved technically or technologically, bidders are invited to make suggestions, in writing, to the Contracting Authority named in the bid solicitation. Bidders must clearly outline the suggested improvement as well as the reason for the suggestion. Suggestions that do not restrict the level of competition nor favour a particular bidder will be given consideration provided they are submitted to the Contracting Authority at least 20 days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

## 2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than 14 calendar days before the bid closing date. Enquiries received after that time may not be answered.

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

## 2.4 Applicable Laws

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

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

## PART 3 - BID PREPARATION INSTRUCTIONS

### 3.1 Bid Preparation Instructions

Canada requests that Bidders provide their bid in separately bound sections as follows:

Section I: Technical Bid (2 hard copies and 1 soft copy on CD, DVD or USB Stick)

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 and the hard copy, the wording of the hard copy will have priority over the wording of the soft copy.

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

Canada requests that Bidders follow the format instructions described below in the preparation of their bid:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation.

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In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, Bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

### **Section I: Technical Bid**

In their technical bid, Bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

The technical bid consists of the following:

- i. **Bid Submission Form:** Bidders are requested to include the Bid Submission Form with their bids. It provides a common form in which bidders can provide information required for evaluation and contract award, such as a contact name, the Bidder's Procurement Business Number, the Bidder's status under the Federal Contractors Program for Employment Equity, etc. Using the form to provide this information is not mandatory, but it is recommended. If Canada determines that the information required by the Bid Submission Form is incomplete or requires correction, Canada will provide the Bidder with an opportunity to do so.
- ii. **Substantiation of Technical Compliance:** The technical bid must substantiate the compliance of the Bidder and its proposed solution with the specific articles of Annex A (Requirement) identified in the Substantiation of Technical Compliance Form, which is the requested format for providing the substantiation. The Substantiation of Technical Compliance Form is not required to address any parts of this bid solicitation not referenced in the form. The substantiation must not simply be a repetition of the requirement(s), but must explain and demonstrate how the Bidder will meet the requirements and carry out the required Work. Simply stating that the Bidder or its proposed solution or product complies is not sufficient.

#### **Bidders:**

- a Must designate the brand name, model and/or part number of the proposed product; and
- b Must provide complete specifications and descriptive literature to substantiate that the proposed product's meets the mandatory requirements that are specified in the bid solicitation (Form B)

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

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

**iii. Best Delivery Date - Bid**

While the delivery is requested by March 31, 2016, the best delivery that could be offered is \_\_\_\_\_.

**Section II: Financial Bid**

- i. Bidders must submit their financial bid in accordance with the Annex B - Basis of Payment. The total amount of Applicable Taxes must be shown separately.
- ii. **Blank Prices:** Bidders are requested to insert "\$0.00" for any item for which it does not intend to charge or for items that are already included in other prices set out in the tables. If the Bidder leaves any price blank, Canada will treat the price as "\$0.00" for evaluation purposes and may request that the Bidder confirm that the price is, in fact, \$0.00. No bidder will be permitted to add or change a price as part of this confirmation. Any bidder who does not confirm that the price for a blank item is \$0.00 will be declared non-responsive.

**3.1.1 Exchange Rate Fluctuation**

C3011T (2013-11-06), Exchange Rate Fluctuation

**3.1.2 SACC Manual Clauses**

**Section III: Certifications**

Bidders must submit the certifications 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**

All bids must be completed in full and provide all of the information requested in the bid solicitation to enable full and complete evaluation.

**4.1.1.1 Mandatory Technical Criteria**

Each bid will be reviewed to determine whether it meets the mandatory requirements of the bid solicitation. Any element of the bid solicitation identified with the words "must" or "mandatory" is a mandatory requirement. Bids that do not comply with each and every mandatory requirement will be declared non-responsive and be disqualified.

The mandatory technical requirements are described in Annex A.

**4.1.2 Financial Evaluation**

**4.1.2.1 Evaluation of Price – Bid**

The price of the bid will be evaluated in Canadian dollars, Applicable Taxes excluded, FOB destination, Canadian customs duties and excise taxes included.

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For evaluation purposes, the Total Bid Price (Table B.1 and B.2) using the pricing tables completed by the bidders will be calculated as follows:

The unit price quoted for item 1.1 in Annex B times 1 unit;  
plus the unit price quoted for item 1.2 in Annex B times 1 unit;  
plus the unit price quoted for item 1.3 in Annex B times 1 lot;  
plus the unit price quoted for item 1.4 in Annex B times 1 lot;

plus the unit price quoted for item 2.1 in Annex B times 1 unit;  
plus the unit price quoted for item 2.2 in Annex B times 1 unit;  
plus the unit price quoted for item 2.3 in Annex B times 1 unit;  
plus the unit price quoted for item 2.4 in Annex B times 1 unit.

equals the Total Bid Price.

#### **4.1.2.2 Maximum Funding (for Table B,1 of Annex B)**

The maximum funding available for the Contract resulting from the bid solicitation is \$108,000.00 CDN (Applicable Taxes extra). Bids valued in excess of this amount will be considered non-responsive. This disclosure does not commit Canada to pay the maximum funding available.

## **4.2 Basis of Selection**

### **4.2.1 Basis of Selection – Mandatory Technical Criteria**

SACC Manual Clause A0031 (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. 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 Declaration of Convicted Offences**

As applicable, pursuant to subsection Declaration of Convicted Offences of section 01 of the Standard Instructions, the Bidder must provide with its bid, a completed Declaration Form, (<http://www.tpsgc-pwgsc.gc.ca/ci-if/formulaire-form-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 – List of Names

Bidders who are incorporated, including those bidding as a joint venture, must provide a complete list of names of all individuals who are currently directors of the Bidder.

Bidders bidding as sole proprietorship, as well as those bidding as a joint venture, must provide the name of the owner(s).

Bidders bidding as societies, firms or partnerships do not need to provide lists of names.

### 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 ([http://www.labour.gc.ca/eng/standards\\_equity/eq/emp/fcp/list/inelig.shtml](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)) available from [Employment and Social Development Canada \(ESDC\) - Labour's website](#).

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 this Contract.

### 6.2 Requirement

The Contractor must provide the supply, delivery and unloading of one(1) Ultra High Performance Liquid Chromatograph (UHPLC) System, Make and Model \_\_\_\_\_ in accordance with 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](#) (2015-09-03), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

#### 6.3.2 Optional Good and/or Services

The Contractor grants to Canada the irrevocable option to acquire the goods, services or both described at Annex B of the Contract under the same conditions and at the prices and/or rates stated in the Contract. 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 at any time before March 31, 2016 by sending a written notice to the Contractor.

### 6.4 Term of Contract

**6.4.1 Delivery**

**6.4.1.1 Delivery Date (Initial Order)**

All the deliverables must be received on or before \_\_\_\_\_.

**6.4.2 Shipping Instructions – Free on Board Destination**

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

FOB Destination,

Agriculture and Agrifoods Canada  
Research Centre  
6947 #7 Highway, PO Box 1000  
Agassiz, BC V0M1A0

including all delivery charges and customs duties and Applicable Taxes. Sales Taxes are extra.

**6.4.3 Delivery and Unloading**

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

**6.5 Authorities**

**6.5.1 Contracting Authority**

The Contracting Authority for the Contract is:

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

Telephone: 604-775-7605 Facsimile: 604-775-7526  
E-mail address: Al.Takasaki@pwgsc-tpsgc.gc.ca

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

**6.5.2 Technical Authority**

The Technical Authority for the Contract is:

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_-\_\_\_-\_\_\_\_ Facsimile: \_\_\_-\_\_\_-\_\_\_\_

E-mail: \_\_\_\_\_

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

### 6.5.3 Contractor's Representative

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone : \_\_\_\_\_ Facsimile: \_\_\_\_\_

E-mail address: \_\_\_\_\_

## 6.6 Payment

### 6.6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm lot price, as specified in Annex B for a cost of \$\_\_\_\_\_ (insert the amount at contract award). Customs duties are included. and Applicable Taxes are extra.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

### 6.6.2 Limitation of Price

SACC Manual clause C6000C (2011-05-16) Limitation of Price

### 6.6.3 Method of Payment

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

## 6.7 Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
2. Invoices must be distributed as follows:
  - a. The original and one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.
  - b. One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

## 6.8 Certifications

### 6.8.1 Compliance

The continuous compliance with the certifications provided by the Contractor in its bid and the ongoing cooperation in providing additional information are conditions of the Contract. Certifications are subject to verification by Canada during the entire period of the Contract. If the Contractor does not comply with any certification, fails to provide the additional information, or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

### **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 (2015-09-03) 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))

### **6.11 SACC Manual Clauses**

SACC Manual clause B1501C (2006-06-16) Electrical Equipment  
SACC Manual clause B7500C (2006-06-16) Excess Goods

### **6.12 Warranty – Contractor responsible for all costs (if applicable)**

Section 09 entitled Warranty of general conditions 2010A is amended by deleting subsection 2 in its entirety and replacing it with the following:

The Contractor must pay the transportation cost associated with returning the Work or any part of the Work to the Contractor's plant for replacement, repair or making good. The Contractor must also pay the transportation cost associated with forwarding the replacement or returning the Work or part of the Work when rectified to the delivery point specified in the Contract or to another location as directed by Canada. If, in the opinion of Canada, it is not expedient to remove the Work from its location, the Contractor must carry out any necessary repair or making good of the Work at that location. In such cases, the Contractor will be responsible for all Costs (including travel and living expenses) incurred in so doing, Canada will not reimburse these Costs.

All other provisions of the warranty section remain in effect.

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## ANNEX "A" REQUIREMENT

### Ultra High Performance Liquid Chromatograph (UHPLC) System

#### 1.0 Introduction

Agriculture and Agri-foods Canada require the supply, delivery, installation and commissioning of an UHPLC System.

#### 2.0 Ultra High Performance Liquid Chromatograph (UHPLC) System

The UHPLC System must meet the following mandatory specifications:

- a) The System must include a **pump** that allows for quaternary solvent blending, maximum flow rates greater or equal to 2.0 ml per minute and operates at pressures greater or equal to 100 MPa for a flow rate of 1.0 ml/min.
- b) The **pump** must be equipped with automatic plunger and valve seal rinse. The System must allow for automated vacuum degassing of mobile phase.
- c) The System must have a **leak management system** including leak sensors and safe leak handling.
- d) The System must allow for unattended system operation and have diagnostic data display software. Once the instrument has been programmed to run a set of samples, the analysis of the samples will be completed without operator intervention. The diagnostic software displays the instrument events occurring during the run and maintain a record that may be reviewed after the run has been completed. If there was a problem during the run this record will assist the operator identifying the cause of the problem.
- e) The System must allow for applications using standard bore columns with conventional size particles and sub 2 um particle or superficially porous particles. The System must also accommodate applications requiring small bore columns 2.1 mm or less using sub 2 um particles.
- f) The temperature controlled column compartment must accommodate a minimum of two 4.6 mm OD(Outer Diameter), columns up to 150 mm in length with filter or guard as well as a manual injector and/or two switching valves.
- g) The System must allow for temperature control of the column compartment from 10 degrees below ambient to 80 deg. centigrade.
- h) The System must come with an **auto-sampler** that has programmable temperature control range between 4-35 deg. centigrade.
- i) The **auto-sampler** must have integral and programmable needle wash.
- j) The **auto-sampler** injection volumes must be variable between 1 and 50 uL or larger and allow for an optional fixed loop.
- k) The **auto-sampler** must accommodate a minimum of 96, 2.0 mL vials or micro-centrifuge tubes.

- 
- l) The System must have a **Photodiode Array (PDA) Detector** with flow cell. The PDA Detector must have low peak to peak noise level of 0.6uAU/cm and low drift, less than or equal to 0.5mAU/h, and a sampling rate of 80Hz or higher.
  - m) The **PDA Detector** operating range must be from 190 nm to 640 nm with wavelength accuracy of +/- 1 nm.
  - n) The system must have an **evaporative light scattering detector (ELSD) with nebulizer** for flow rates between 0.2 and 2.5 mL/min. The ELSD must allow for programmable temperature range selection from ambient to 80 deg. C.
  - o) The System must include a reservoir tray and a set of sample bottles and connecting tubing, filters and connectors.
  - p) The System must include all cables and interface boards to connect to a AGR supplied Windows 7 Pro 64 bit desktop PC.
  - q) The System must include one RP(Reverse Phased) C18 UHPLC column for testing to ensure that the system is functioning properly.

### 3.0 Software

- a) The system must include software for system programming, and data collection and display for all detectors and modules.
- b) All software must be Windows 7 compatible.
- c) The software license(s) must be perpetual license(s) for the life of the UHPLC system
- d) The Contractor must include software maintenance and support for the life of the UHPLC system.

### 4.0 Service and Warranty

- a) The Contractor must provide on-site installation, testing and commissioning, inclusive of all travel and living expenses.
- b) The Contractor must provide onsite familiarization training inclusive of all travel and living expenses, for up to two persons.
- c) The system must include a minimum one year depot warranty.
- d) The Contractor must respond and be onsite, for any warranty repair requirements, within 72 hours of receipt of request.
- e) The Contractor must provide access to a technician via telephone or internet, at no additional charge, to assist with instrument trouble shooting.

### 5.0 Optional goods or services

Unless included in the UHPLC System, the following features must be offered by the Contractor as optional items

- a) Start-kit consisting of tubing, fittings, ferrules and vials for the sample changer.

- b) Any required tools required to service and do routine equipment maintenance.
- c) upgrade from 1 year depot warranty to 1 year onsite warranty. Onsite warranty is inclusive of parts, labour, shipping costs and all travel and living expenses
- d) Regarding above Annex B - 4d) ability to respond and be on-site within 48 hours on receipt of request.

## ANNEX "B"

### Basis of Payment

**Table B.1 Initial Order**

Price are FOB Destination inclusive of all customs duties and sales taxes are extra.

Item	Description	Qty	Firm Unit Price
1.1	Ultra High Performance Liquid Chromatograph System (UHPLC) Make and Model _____	1	\$
1.2	Delivery and Unloading – Agassiz, BC	1	\$
1.3	Installation costs inclusive of all travel and living expenses.	Lot	\$
1.4	On-site training inclusive of all travel and living expenses.	Lot	\$
	<b>Total B.1</b>		

**Table B.2 – Optional Goods and Services**

Price are FOB Destination inclusive of all customs duties and sales taxes are extra.

Item	Description	Qty	Firm Unit Price
2.1	Start-kit consisting of tubing, fittings, ferrules and vials for the sample changer.	1	\$
2.2	Any required tools required to service and do routine equipment maintenance.	1	\$
2.3	Upgrade from 1 year depot warranty to 1 year onsite warranty. Onsite warranty is inclusive of parts, labour, shipping costs and all travel and living expenses	1	\$
2.4	Regarding above 4d) ability to respond and be on-site within 48 hours on receipt of request.	1	\$

## FORM A – Bid Submission Form

<b>BID SUBMISSION FORM</b>	
<b>Bidder's full legal name</b>	
<b>Authorized Representative of Bidder for evaluation purposes (e.g., clarifications)</b>	Name
	Title
	Address
	Telephone #
	Fax #
	Email
<b>Bidder's Procurement Business Number (PBN)</b> [see the <i>Standard Instructions 2003</i> ]	
<b>Jurisdiction of Contract:</b> Province in Canada the bidder wishes to be the legal jurisdiction applicable to any resulting contract (if other than as specified in solicitation)	
Bidders who are incorporated, including those bidding as a joint venture, must provide a complete list of names of all individuals who are currently <b>directors of the Bidder</b> . Bidders bidding as sole proprietorship, as well as those bidding as a joint venture, must provide the name of the owner(s). Bidders bidding as societies, firms, or partnerships do not need to provide lists of names.	
<p>On behalf of the Bidder, by signing below, I confirm that I have read the entire bid solicitation including the documents incorporated by reference into the bid solicitation and I certify that:</p> <ol style="list-style-type: none"> <li>1. The Bidder considers itself and its products able to meet all the mandatory requirements described in the bid solicitation;</li> <li>2. This bid is valid for the period requested in the bid solicitation;</li> <li>3. All the information provided in the bid is complete, true and accurate; and</li> <li>4. If the Bidder is awarded a contract, it will accept all the terms and conditions set out in the resulting contract clauses included in the bid solicitation.</li> </ol>	
<b>Signature of Authorized Representative of Bidder</b>	

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File No. - N° du dossier  
VAN-5-38232

Buyer ID - Id de l'acheteur  
VAN532  
CCC No./N° CCC - FMS No./N° VME

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## FORM B: Substantiation of Technical Compliance Form

### GENERAL INSTRUCTION

- 1) Bidders are requested to:
  - a) indicate the Make and Model of the analyzer being offered and include Technical Literature/ Brochures / Spec Sheets for the Ultra High Performance Liquid Chromatograph (UHPLC) System.
  - b) indicate opposite each specification under **MANDATORY SPECIFICATIONS**, in the right hand margin under **Comply**, whether or not the equipment being offered meets / does not meet the requirements.
  - c) reference the page number(s) in the provided Technical literature and in the Technical literature, highlight the technical information that supports your compliance with the mandatory specifications below
- 2) It will be to your advantage to furnish as much detail as possible to support the specifications your comments / claims of compliance for each specification.
- 3) The Crown is under NO obligation to seek clarification of the bid(s) or the supporting technical documentation provided. Bidders should note that failure to demonstrate any capability to which they claim compliance will result in their proposal being considered non-responsive. Any deviation is to be clearly identified and supported with full details.

## Form B – Substantiation of Mandatory Specifications

Article #	Mandatory Specification	Comply		Provide detailed requested and supporting documentation with the reference page #
		Yes	No	
	<b>Proposed Make and Model:</b> _____			
<b>2.0</b>	<b>Ultra High Performance Liquid Chromatograph (UHPLC) System</b>			
	<b>The UHPLC System must meet the following mandatory specifications:</b>			
	a) The System must include a <b>pump</b> that allows for quaternary solvent blending, maximum flow rates greater or equal to 2.0 ml per minute and operates at pressures greater or equal to 100 MPa for a flow rate of 1.0 ml/min.	___	___	page # ___
	b) The <b>pump</b> must be equipped with automatic plunger and valve seal rinse. The System must allow for automated vacuum degassing of mobile phase.	___	___	page # ___
	c) The System must have a <b>leak management system</b> including leak sensors and safe leak handling.	___	___	page # ___
	d) The System must allow for unattended system operation and have diagnostic data display software. Once the instrument has been programmed to run a set of samples, the analysis of the samples will be completed without operator intervention. The diagnostic software displays the instrument events occurring during the run and maintain a record that may be reviewed after the run has been completed. If there was a problem during the run this record will assist the operator identifying the cause of the problem.	___	___	page # ___
	e) The System must allow for applications using standard bore columns with conventional size particles and sub 2 um particle or superficially porous particles. The System must also accommodate applications requiring small bore columns 2.1 mm or less using sub 2 um particles.	___	___	page # ___

Article #	Mandatory Specification	Comply		Provide detailed requested and supporting documentation with the reference page #
		Yes	No	
	f) The temperature controlled column compartment must accommodate a minimum of two 4.6 mm OD(Outer Diameter), columns up to 150 mm in length with filter or guard as well as a manual injector and/or two switching valves.	___	___	Page # ___
	g) The System must allow for temperature control of the column compartment from 10 degrees below ambient to 80 deg. centigrade.	___	___	page # ___
	h) The System must come with an <b>auto-sampler</b> that has programmable temperature control range between 4-35 deg. centigrade.	___	___	page # ___
	i) The <b>auto-sampler</b> must have integral and programmable needle wash.	___	___	
	j) The <b>auto-sampler</b> injection volumes must be variable between 1 and 50 uL or larger and allow for an optional fixed loop.	___	___	page # ___
	k) The <b>auto-sampler</b> must accommodate a minimum of 96, 2.0 mL vials or micro-centrifuge tubes.	___	___	page ___
	l) The System must have a <b>Photodiode Array (PDA) Detector</b> with flow cell. The PDA Detector must have low peak to peak noise level of 0.6uAU/cm and low drift, less than or equal to 0.5mAU/h, and a sampling rate of 80Hz or higher.	___	___	page # ___
	m) The <b>PDA Detector</b> operating range must be from 190 nm to 640 nm with wavelength accuracy of +/- 1 nm.	___	___	page # ___
	n) The system must have an <b>evaporative light scattering detector (ELSD) with nebulizer</b> for flow rates between 0.2 and 2.5 mL/min. The ELSD must allow for programmable temperature range selection from ambient to 80 deg. C.	___	___	
	o) The System must include a reservoir tray and a set of sample bottles and connecting tubing, filters and connectors.	___	___	page # ___
	p) The System must include all cables and interface boards to connect to a AGR supplied Windows 7 Pro 64 bit desktop PC.	___	___	page # ___

Article #	Mandatory Specification	Comply		Provide detailed requested and supporting documentation with the reference page #
		Yes	No	
	q) The System must include one RP(Reverse Phased) C18 UHPLC column for testing to ensure that the system is functioning properly.	<input type="checkbox"/>	<input type="checkbox"/>	page # ____
<b>3.0</b>	<b>Software</b>			
	a) The system must include software for system programming, and data collection and display for all detectors and modules.	<input type="checkbox"/>	<input type="checkbox"/>	
	b) All software must be Windows 7 compatible.	<input type="checkbox"/>	<input type="checkbox"/>	page # ____
	c) The software license(s) must be perpetual license(s) for the life of the UHPLC system	<input type="checkbox"/>	<input type="checkbox"/>	page # ____
	d) The Contractor must include software maintenance and support for the life of the UHPLC system.	<input type="checkbox"/>	<input type="checkbox"/>	page # ____
<b>4.0</b>	<b>Service and Warranty</b>			
	a) The Contractor must provide on-site installation, testing and commissioning, inclusive of all travel and living expenses.	<input type="checkbox"/>	<input type="checkbox"/>	page # ____
	b) The Contractor must provide onsite training inclusive of all travel and living expenses, for up to two persons.	<input type="checkbox"/>	<input type="checkbox"/>	page # ____
	c) The system must include a minimum one year depot warranty.	<input type="checkbox"/>	<input type="checkbox"/>	page # ____
	d) The Contractor must respond and be onsite, for any warranty repair requirements, within 72 hours of receipt of request.	<input type="checkbox"/>	<input type="checkbox"/>	page # ____
	e) The Contractor must provide access to a technician via telephone or internet, at no additional charge, to assist with instrument trouble shooting.	<input type="checkbox"/>	<input type="checkbox"/>	Provide details

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VAN-5-38232

Buyer ID - Id de l'acheteur  
VAN532  
CCC No./N° CCC - FMS No./N° VME

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**NOTE TO BIDDERS:** Please use ONE of the two mailing labels below and affix it securely to the outside of the envelope or package containing your bid submitted by mail or courier. Always ensure your company name, return address, open bidding solicitation number and closing date appear legibly on the outside of your bid submission.

**AVIS AUX FOURNISSEURS:** Pour le retour par la poste ou par messenger, veuillez utiliser UNE des étiquettes d'envoi ci-dessous et apposez-la à l'extérieur de votre enveloppe ou du colis contenant votre offre. Assurez-vous que le nom de votre compagnie, l'adresse de retour, le numéro de l'invitation ouverte à soumissionner et la date de clôture soient lisibles à l'extérieur de votre offre.

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**Bid Receiving**  
**Public Works & Government Services Canada**  
**219 - 800 BURRARD STREET**  
**VANCOUVER BC V6Z 0B9**

**Solicitation No. : 01555-160354/A**

**Solicitation Closes at: 2:00 PM PT**  
**On January 6, 2016**

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**Réception des soumissions**  
**Travaux publics et services gouvernementaux Canada**  
**800 rue Burrard, 219**  
**Vancouver (C.-B) V6Z 0B9**

**N° de l'invitation : 01555-160354/A**

**La réception des soumissions prend fin le: 06 janvier 2016**  
**à: 14:00 PT**

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