

**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, 12th Floor
800, rue Burrard, 12e étage
Vancouver, BC V6Z 2V8
Bid Fax: (604) 775-7526**

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

| | |
|--|---|
| Title - Sujet Chromatograph Mass Spectrometer | |
| Solicitation No. - N° de l'invitation H4134-123184/A | Date 2013-01-10 |
| Client Reference No. - N° de référence du client H4134-123184 | |
| GETS Reference No. - N° de référence de SEAG PW-\$VAN-584-6891 | |
| File No. - N° de dossier VAN-2-35279 (584) | CCC No./N° CCC - FMS No./N° VME |
| Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-02-20 | Time Zone Fuseau horaire Pacific Standard Time PST |
| F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/> | |
| Address Enquiries to: - Adresser toutes questions à: Perez, Elizabeth | Buyer Id - Id de l'acheteur van584 |
| Telephone No. - N° de téléphone (604) 775-7690 () | FAX No. - N° de FAX (604) 775-7526 |
| Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF HEALTH DRUG ANALYSIS LAB 3155 WILLINGDON GREEN BURNABY British Columbia V5G4P2 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
800 Burrard Street, 12th Floor
800, rue Burrard, 12e étage
Vancouver, BC V6Z 2V8

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

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PART 1 - GENERAL INFORMATION

1. Security Requirement

There is no security requirement associated with the requirement.

2. Requirement

The requirement is detailed under Article 2 of the resulting contract clauses.

3. Debriefings

After contract award, 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 of receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

PART 2 - BIDDER INSTRUCTIONS

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 (2012-11-19) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

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

Delete: sixty (60) days
Insert: ninety (90) days

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.

3. Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than fourteen (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

questions or may request that the Bidder do so, so that the proprietary nature of the question is eliminated, and the enquiry can be answered with copies to all bidders. Enquiries not submitted in a form that can be distributed to all bidders may not be answered by Canada.

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

1. Bid Preparation Instructions

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

- Section I: Technical Bid (2 hard copies)
- Section II: Financial Bid (1 hard copy)
- Section III: Certifications (1 hard copy)

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

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

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

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process Policy on Green Procurement

(<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, bidders are encouraged to:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and/or 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

- (a) In their technical bid, bidders must demonstrate their understanding of the requirements contained in the bid solicitation and explain how they will meet these requirements. Bidders must demonstrate their capability in a thorough, concise and clear manner for carrying out the work.

The technical bid must 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.

(b) 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 Form - Mandatory:** The technical bid must substantiate the compliance of the Bidder and its proposed product 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. Where Canada determines that the substantiation is not complete, the Bidder will be considered 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.
- iii. **Substantiation of Technical Compliance Form - Point Rated:** 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. 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.

The rated requirements are described in Annex C

iv. **Description of the Bidder's Maintenance and Support Services:** The Bidder must include a description of its maintenance and support services for [hardware/software], which must be consistent with all the requirements described in the Resulting Contract Clauses, including the Statement of Work. At a minimum, the Bidder must describe its:

- (a) Problem reporting and response procedures;
- (b) Escalation procedures;
- (c) On-site support availability; and
- (d) Any enhancements to the basic requirements that the Bidder is offering.

The Bidder may also describe any other information it considers relevant.

Section II: Financial Bid

- (a) **Pricing:** Bidders must submit their financial bid in accordance with the Basis of Payment in Annex "B". The total amount of Goods and Services Tax or Harmonized Sales Tax must be shown separately, if applicable.
- (b) **All Costs to be Included:** The financial bid must include all costs for the requirement described in the bid solicitation for the entire Contract Period, including any option years. The identification of all necessary equipment, software, peripherals, cabling and components required to meet the requirements of the bid solicitation and the associated costs of these items is the sole responsibility of the Bidder.
- (c) **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.
- (d) **SACC Manual Clauses**
C3011T (2010-01-11), Exchange Rate Fluctuation
- (e) **Maximum Funding (Initial Order)**
The maximum funding available for the Contract resulting from the bid solicitation is \$200,000.00 (Goods and Services Tax or Harmonized Sales Tax extra, as appropriate). Bids valued in excess of this amount will be considered non-responsive. This disclosure does not commit Canada to pay the maximum funding available.

Section III: Certifications

Bidders must submit the certifications required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

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.

1.1 Technical Evaluation

1.1.1 Mandatory Technical Criteria

Each bid will be reviewed to determine whether it meets the mandatory requirements of the bid solicitation. All elements of the bid solicitation that are mandatory requirements are identified specifically with the words "must" or "mandatory". Bids that do not comply with each and every mandatory requirement will be considered non-responsive and be disqualified.

Claims in a bid that a future upgrade or release of any of product included in the bid will meet the mandatory requirements of the bid solicitation, where the upgrade or release is not available at bid closing, will not be considered.

The mandatory requirements are described in Annex "A".

1.1.2 Point Rated Technical Criteria

Each bid will be rated by assigning a score to the rated requirements, which are identified in the bid solicitation by the word "rated" or by reference to a score. Bidders who fail to submit complete bids with all the information requested by this bid solicitation will be rated accordingly. The rated requirements are described in Annex C.

1.2 Financial Evaluation

- (a) The financial evaluation will be conducted by calculating the Total Bid Price using the Pricing Tables completed by the bidders.

Total Bid Price = Initial Order + Optional Service

- (b) SACC Manual Clause A0220T (2007-05-25), Evaluation of Price

2. Basis of Selection

2.1 Highest Combined Rating of Technical Merit and Price

- 1. To be declared responsive, a bid must:
 - (a) comply with all the requirements of the bid solicitation; and
 - (b) meet all mandatory criteria; and

(c) obtain the required minimum points specified for criterion number R1 for the technical evaluation

The rating is performed on a scale of 110 points.

2. Bids not meeting (a) or (b) or (c) will be declared non-responsive.
3. The selection will be based on the highest responsive combined rating of technical merit and price. The ratio will be 80 % for the technical merit and 20 % for the price.
4. To establish the technical merit score, the overall technical score for each responsive bid will be determined as follows: total number of points obtained / maximum number of points available multiplied by the ratio of 80 % .
5. To establish the pricing score, each responsive bid will be prorated against the lowest evaluated price and the ratio of 20 %.
6. For each responsive bid, the technical merit score and the pricing score will be added to determine its combined rating.
7. Neither the responsive bid obtaining the highest technical score nor the one with the lowest evaluated price will necessarily be accepted. The responsive bid with the highest combined rating of technical merit and price will be recommended for award of a contract, provided that the total evaluated price (Initial Order) does not exceed the budget available for this requirement.

The table below illustrates an example where all three bids are responsive and the selection of the contractor is determined by a 60/40 ratio of technical merit and price, respectively. The total available points equals 135 and the lowest evaluated price is \$45,000 (45).

Basis of Selection - Highest Combined Rating Technical Merit (60%) and Price (40%)

| | | Bidder 1 | Bidder 2 | Bidder 3 |
|-------------------------|-----------------------|-----------------------------|----------------------------|----------------------------|
| Overall Technical Score | | 115/135 | 89/135 | 92/135 |
| Bid Evaluated Price | | 55,000 | 50,000 | 45,000 |
| Calculations | Technical Merit Score | $115/135 \times 60 = 51.11$ | $89/135 \times 60 = 39.56$ | $92/135 \times 60 = 40.89$ |
| | Pricing Score | $45/55 \times 40 = 32.73$ | $45/50 \times 40 = 36.00$ | $45/45 \times 40 = 40.00$ |
| Combined Rating | | 83.84 | 75.56 | 80.89 |
| Overall Rating | | 1st | 3rd | 2nd |

PART 5 - CERTIFICATIONS

Bidders must provide the required certifications to be awarded a contract. Canada will declare a bid non-responsive if the required certifications are not completed and submitted as requested.

Compliance with the certifications bidders provide to Canada is subject to verification by Canada during the bid evaluation period (before award of a contract) and after award of a contract. The Contracting Authority will have the right to ask for additional information to verify bidders' compliance with the certifications before award of a contract. The bid will be declared non-responsive if any certification made by the Bidder is untrue, whether made knowingly or unknowingly. Failure to comply with the certifications or to comply with the request of the Contracting Authority for additional information will also render the bid non-responsive.

1. Mandatory Certifications Required Precedent to Contract Award

1.1 Code of Conduct and Certifications - Related documentation

- 1.1.1** By submitting a bid, the Bidder certifies, for himself and his affiliates, to be in compliance with the Code of Conduct and Certifications clause of the Standard instructions. The related documentation hereinafter mentioned will help Canada in confirming that the certifications are true. By submitting a bid, the Bidder certifies that it is aware, and that its affiliates are aware, that Canada may request additional information, certifications, consent forms and other evidentiary elements proving identity or eligibility. Canada may also verify the information provided by the Bidder, including the information relating to the acts or convictions specified herein, through independent research, use of any government resources or by contacting third parties. Canada will declare non-responsive any bid in respect of which the information requested is missing or inaccurate, or in respect of which the information contained in the certifications is found to be untrue, in any respect, by Canada. The Bidder and any of the Bidder's affiliates, will also be required to remain free and clear of any acts or convictions specified herein during the period of any contract arising from this bid solicitation.

Bidders who are incorporated, including those bidding as a joint venture, must provide with their bid or promptly thereafter a complete list of names of all individuals who are currently directors of the Bidder. Bidders bidding as sole proprietorship, including those bidding as a joint venture, must provide the name of the owner with their bid or promptly thereafter. Bidders bidding as societies, firms, partnerships or associations of persons do not need to provide lists of names. If the required names have not been received by the time the evaluation of bids is completed, Canada will inform the Bidder of a time frame within which to provide the information. Failure to comply will render the bid non-responsive. Providing the required names is a mandatory requirement for contract award.

Canada may, at any time, request that a Bidder provide properly completed and Signed Consent Forms (Consent to a Criminal Record Verification form- PWGSC-TPSGC 229) (<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/formulaires-forms-eng.html>) for any or all individuals aforementioned within the time specified. Failure to provide such Consent Forms within the time period provided will result in the bid being declared non-responsive.

2. Additional Certifications Precedent to Contract Award

The certifications listed below should be completed and submitted with the bid, but may be submitted afterwards. If any of these required certifications is not completed and submitted as requested, the Contracting Authority will so inform the Bidder and provide the Bidder with a time frame within which to

meet the requirement. Failure to comply with the request of the Contracting Authority and meet the requirement within that time period will render the bid non-responsive.

2.1 Federal Contractors Program - Certification

2.1.2 Federal Contractors Program - \$200,000 or more

- 1) The Federal Contractors Program (FCP) requires that some suppliers, including a supplier who is a member of a joint venture, bidding for federal government contracts, valued at \$200,000 or more (including all applicable taxes), make a formal commitment to implement employment equity. This is a condition precedent to contract award. If the Bidder, or, if the Bidder is a joint venture and if any member of the joint venture, is subject to the FCP, evidence of its commitment must be provided before the award of the Contract.

Suppliers who have been declared ineligible contractors by Human Resources and Skills Development Canada (HRSDC) are no longer eligible to receive government contracts over the threshold for solicitation of bids as set out in the Government Contracts Regulations. Suppliers may be declared ineligible contractors either as a result of a finding of non-compliance by HRSDC, or following their voluntary withdrawal from the FCP for a reason other than the reduction of their workforce to less than 100 employees. Any bids from ineligible contractors, including a bid from a joint venture that has a member who is an ineligible contractor, will be declared non-responsive.

- 2) If the Bidder does not fall within the exceptions enumerated in 3.(a) or (b) below, or does not have a valid certificate number confirming its adherence to the FCP, the Bidder must fax (819-953-8768) a copy of the signed form LAB 1168, Certificate of Commitment to Implement Employment Equity, to the Labour Branch of HRSDC.
- 3) The Bidder, or, if the Bidder is a joint venture the member of the joint venture, certifies its status with the FCP, as follows:

The Bidder or the member of the joint venture

- a) () is not subject to the FCP, having a workforce of less than 100 full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada;
- b) () is not subject to the FCP, being a regulated employer under the Employment Equity Act, S.C. 1995, c. 44;
- c) () is subject to the requirements of the FCP, having a workforce of 100 or more full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada, but has not previously obtained a certificate number from HRSDC (having not bid on requirements of \$200,000 or more), in which case a duly signed certificate of commitment is attached;
- d) () is subject to the FCP, and has a valid certificate number as follows: _____ (e.g. has not been declared an ineligible contractor by HRSDC).

Further information on the FCP is available on the HRSDC Web site.

PART 6 - RESULTING CONTRACT CLAUSES

1. Security Requirement

There is no security requirement associated with the requirement.

2. Requirement

The Contractor must provide the supply, delivery, installation and training of a Liquid Chromatography /Mass Spectrometer (LC/MS) System in accordance with the Requirement at Annex "A".

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.

3.1 General Conditions

2010A (2012-11-19), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

4. Term of Contract

4.1 Delivery Date

4.1.1 Equipment Order

All the deliverables must be received on or before March 28, 2013.

4.1.2 Installation, Training and initial Warranty/ Maintenance & Service Order

The Contractor must make the complete delivery within _____ calendar days from the effective date of the Contract amendment.

4.2 Period of Contract:

The period of the Contract is from _____ (*installation date of equipment*) to _____ (*1 year period*) inclusive.

4.3 Option to Extend the Contract - Warranty / Maintenance and Support Extension:

The Contractor grants to Canada the irrevocable option to extend the term of the Contract by up to two additional one year period(s) under the same conditions. The Contractor agrees that, during the extended period of the Contract, it will be paid in accordance with the applicable provisions as set out in the Basis of Payment.

Canada may exercise this option at any time by sending a written notice to the Contractor at least 30 calendar days before the expiry date of the Contract. The option may only be exercised by the Contracting Authority, and will be evidenced for administrative purposes only, through a contract amendment.

5. Authorities

5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Elizabeth Perez
 Title: Supply Officer
 Public Works and Government Services Canada
 Acquisitions Branch Vancouver,
 Address 641 - 800, 800 Burrard St
 Vancouver, BC V6Z 2V8
 Telephone: (604)775-7690 Facsimile: (604)775-7526
 E-mail address: elizabeth.perez@pwgsc.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.

5.2 Technical Authority

The Technical Authority for the Contract is:

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

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

5.3 Contractor's Representative

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

6. Payment

6.1 Basis of Payment - Firm Price, Firm Unit Price(s) or Firm Lot Price(s)

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 in Annex B for a cost of \$ _____. Customs duties are included and Goods and Services Tax or Harmonized Sales Tax is extra, if applicable.

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.

6.2 Method of Payment

6.2.1 Milestone Payments

Canada will make milestone payments in accordance with the Schedule of Milestones detailed in the Contract and the payment provisions of the Contract if:

- (a) an accurate and complete claim for payment using PWGSC-TPSGC 1111, Claim for Progress Payment, and any other document required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- (b) all the certificates appearing on form PWGSC-TPSGC 1111 have been signed by the respective authorized representatives;
- (c) all work associated with the milestone and as applicable any deliverable required has been completed and accepted by Canada.

6.2.2 Schedule of Milestones

| MS # | Description of Deliverable | Firm Amount | Due Date or Delivery Date |
|------|--|-------------|---------------------------|
| 1 | Order -Equipment | \$ | March 28, 2013 |
| 2 | Order - Installation, Training Warranty/ Maintenance and Servicing | \$ | _____ |

6.2.3 Advance Payment

Canada will pay the Contractor in advance for the warranty / maintenance and support services if:

- (a) An accurate and complete invoice and any other documents required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- (b) All such documents have been verified by Canada.

Payment in advance does not prevent Canada from exercising any or all potential remedies in relation to this payment or any of the Work, if the Work performed later proves to be unacceptable.

7. Invoicing Instructions - Progress Payment Claim

1. The Contractor must submit a claim for payment using form PWGSC-TPSGC 1111, Claim for Progress Payment.

Each claim must show:

- A. all information required on form PWGSC-TPSGC 1111;
- B. all applicable information detailed under the section entitled "Invoice Submission" of the general conditions;
- C. a list of all expenses;
- D. the description and value of the milestone claimed as detailed in the Contract.

2. The Contractor must prepare and certify one original and two (2) copies of the claim on form PWGSC-TPSGC 1111, and forward it to the Technical Authority identified under the section entitled "Authorities" of the Contract for appropriate certification after inspection and acceptance of the Work takes place.

The Technical Authority will then forward the original and two (2) copies of the claim to the Contracting Authority for certification and onward submission to the Payment Office for the remaining certification and payment action.

3. The Contractor must not submit claims until all work identified in the claim is completed.

8. Certifications

- 8.1 Compliance with the certifications provided by the Contractor in its bid is a condition of the Contract and subject to verification by Canada during the term of the Contract. If the Contractor does not comply with any certification or 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.

9. Applicable Laws

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

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 (2012-11-19) - 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))

11. Insurance

SACC Manual clause G1005C (2008-05-12) Insurance

12 Warranty

Section 09 of general conditions 2010A

12.1 Warranty - Contractor responsible for all costs

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

2. 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.

12.2 All other provisions of the warranty section remain in effect.

13. SACC Manual Clauses

B1501C (2006-06-16), Electrical Equipment

B7500C (2006-06-16), Excess Goods

ANNEX "A"

REQUIREMENT

The Vancouver Drug Analysis Service (DAS) Laboratory of Health Canada analyses 30,000 suspected illicit drug samples and precursor chemicals from police services in British Columbia and Alberta each year. The DAS laboratory confirms drug identities and in some cases, purity, of controlled substances seized by various police forces. It is the aim of the DAS to provide expeditious analytical services in order to provide sometimes time-sensitive analytical results for evidence in court cases and police investigations as well as to assist the police in enforcing the Controlled Drugs and Substances Act effectively.

The Vancouver DAS laboratory analyses suspected psychedelic mushroom samples for the presence of psilocybin and psilocin, the active components. The current method used to analyse these samples is very time-consuming, requires large sample sizes, and creates large amounts of waste. A liquid chromatography - mass spectrometry (LC-MS) system is being sought for these analyses since it would allow for greater sensitivity, smaller sample size requirements, increased sample throughput and greater overall efficiency of the whole sample analysis process. LC-MS analysis would reduce our sample preparation and analysis times by a factor of at least two, thus allowing for a greater number of samples to be analysed per day. In addition, there would be significant decrease in waste produced in comparison to our current analysis method, decreasing overall solvent costs as well as reducing environmental impact of the analysis. LC-MS is a versatile instrument that may be developed and employed in future analyses especially relating to difficult to analyse samples.

1.0 Scope

1.1 Title

LC-MS system for psilocybin and psilocin analysis in the Vancouver Drug Analysis Service laboratory.

1.2 Introduction

The Vancouver DAS laboratory requires a liquid chromatograph- mass spectrometer (LC-MS) system. The complete system will include: liquid chromatograph, mass spectrometer, computer, printer, and software. In addition to all training manuals and operating manuals, on-site training for at least two analysts must be included. A twelve-month warranty on the system must also be included.

1.3 Objectives of the Requirement

The Drug Analysis Service laboratory requires a complete LC-MS system for analysis of psilocybin and psilocin in suspected psychedelic mushroom samples submitted by various police services. A new LC-MS system is being sought to replace an Agilent VL series ion trap.

1.4 Background, Assumptions and Specific Scope of the Requirement

The Vancouver DAS laboratory analyses suspected psychedelic mushroom samples for the presence of psilocybin and psilocin. Currently, the method used for analysis of these samples is very time-consuming, requires large sample sizes, and creates large amounts of waste. An LC-MS system would allow for greater sensitivity, smaller sample size requirements, increased sample throughput and greater overall efficiency of the sample analysis process. Increased sample throughput is very important since there is a large influx of suspected psychedelic mushroom samples received in the laboratory. In addition, there would be significant

decrease in waste produced in comparison to our current analysis method, decreasing overall solvent costs as well as reducing environmental impact of the analysis.

2.0 Requirements

2.1 Tasks, Activities, Deliverables and Milestones

The vendor will supply and install a system that meets the specifications that are detailed below. The system must be demonstrated to be in accordance with the manufacturers performance specifications as well as the mandatory performance specifications of the user as outlined in Section 2.2, subsection G. Training on the use and maintenance of the instrument must be completed before final acceptance of the system by the user.

The purchased system must be delivered to the user's site no later than March 28, 2013. The system must be installed and accepted by the user within 4 weeks of delivery. Training must be completed within 2 weeks after acceptance of the system.

2.2 Specifications and Standards

The system will be in accordance with the following specifications. If any additional components, peripherals or supplies are necessary to operate the instrument on arrival at the customer site, these must be included in the response.

All bid responses will be ranked according to a ratings score of the rated items described. Optional items may also be considered.

A. General Software Requirements:

- A1. Must include up-to-date Windows 7 operating system with the latest service pack.
MANDATORY
- A2. Must include current Windows-based instrument software programs. MANDATORY
- A3. Must include a fully integrated software suite allowing for flexible use and full control of both LC and MS segments on the same data system. MANDATORY
- A4. Must be multi-tasking allowing the user to acquire and process data simultaneously.
MANDATORY
- A5. The vendor must provide free upgrades for all instrument software suites for a minimum two years, plus all application modules as they become commercially available. MANDATORY

B. General Requirements:

- B1. Must include data system including:
 - PC computer with necessary accessories MANDATORY
 - Minimum 22" LED monitor MANDATORY
 - HP laser printer MANDATORY

B2. PC network card requirements:

- PC computer must be able to accept a second network (NIC) card MANDATORY
- Two NIC cards must be included MANDATORY

B3. Instrument system must perform unattended analyses of up to 25 samples per day. MANDATORY**B4. Warranty:**

The effective date of the minimum twelve-month warranty period for all non-consumable components will commence on the date of acceptance of the complete LC-MS system (including all physical features and performance tests). MANDATORY

This warranty must cover all parts, freight, labor, travel, lodgings or any associated costs. MANDATORY

B5. Acceptance criteria for the installation and set-up of the instrument must include satisfactory demonstration of:

- a psilocybin standard (provided by DAS laboratory), MANDATORY
- a typical psilocybin sample (provided by DAS laboratory). MANDATORY

Both psilocybin solutions are to be run on a method transferred from another LC-MS system to demonstrate suitability of the system for the aforementioned analyses.

The vendor is responsible to provide all relevant reference standard solutions, except for psilocybin, for use during on-site acceptance testing. MANDATORY

B6. Spare Part Kit: Initial consumables, special tools and a recommended spare part kit (one-year supply) must be provided. MANDATORY**B7. The vendor must provide timely call-response and on-site response to service calls. (MANDATORY) How quickly a response is provided as well as the cost will be point-rated. POINT-RATED R1****C. Training Requirements:****C1. Training must be provided in-house for at least two analysts by a qualified technician. MANDATORY****C2. All schematics and manuals must be provided MANDATORY, including but not limited to:**

- operating manuals,
- maintenance manuals,
- training manuals.

D. Liquid Chromatograph Requirements:

D1. Quaternary analytical pump:

D1.1 Must have a flow rates of at least 0.2 mL/min to 10 mL/min MANDATORY

D1.2 Must be compatible with mobile phases of a broad pH range (at least pH 2-10), including buffers. MANDATORY

D1.3 Solvents must be mixed before reaching the column. MANDATORY

D1.4 A higher score will be given to systems that are capable of ultra-high pressure liquid chromatography (pressures greater than 600 bar) in addition to standard analytical high performance liquid chromatography. POINT-RATED R2

D1.5 Flow precision must be less than 0.3% RSD (MANDATORY), a higher score will be given to systems with lower than 0.3% RSD. POINT-RATED R3

D2. Safety:

D2.1 Fluidic connections must be monitored by electronic leak detectors. MANDATORY

D2.2 The system must also include maximum/minimum pressure shut-off. MANDATORY

D2.3 A higher score will be given to HPLC pumping systems that monitor pump seal tightness and provide early warnings of leakages. POINT-RATED R4

D3. Thermostatted autosampler:

D3.1 Must have a temperature range of at least 8-40 °C. MANDATORY

D3.2 Must hold at least 100 standard 2 mL sample vials. MANDATORY

D3.3 Carryover must be 0.02% or less. MANDATORY

D3.4 All solvents must be degassed by a built-in degasser which is controlled by the pump. MANDATORY

D3.5 Must have a wide range of injection volumes using full loop or partial loop fill (from 1 :L up to 200 :L), appropriate equipment must be included. MANDATORY

D3.6 Must provide programmable needle washes in between sample injections. MANDATORY

D4. Thermostatted column compartment:

D4.1 Must be compatible with columns ranging from narrow bore (2.1 mm ID) to standard bore (4.6 mm ID). MANDATORY Systems that are compatible with UHPLC columns (sub-2 µm particle sizes), in addition to the columns listed above, will be given a higher score. POINT-RATED R6

D4.2 Must maintain stable temperatures of at least 50 °C (MANDATORY), a higher score will be given to systems that can maintain stable temperatures above 50 °C. POINT-RATED R5

D5. Solvent rack and bottles must be included. MANDATORY

D6. Diode array detector:

- D6.1 Must be connected serially to the mass spectrometer. MANDATORY
- D6.2 Must have a spectral range of at least 190 to 800 nm. MANDATORY
- D6.3 Must acquire at least 5 wavelengths simultaneously. MANDATORY
- D6.4 Wavelength accuracy must be at least +/- 1 nm. MANDATORY
- D6.5 Light sources must include a deuterium lamp and a tungsten lamp. MANDATORY
- D6.6 Must include appropriate flow cell options. MANDATORY
- D6.7 Electronic temperature control must be included. MANDATORY
- D6.8 A higher score will be given to instruments with electronic lifespan monitoring of the lamps (i.e. lamp hours, intensity). POINT-RATED R7

D7. Spectral software for analysis of UV data must be included. MANDATORY**E. Mass Spectrometer Requirements:****E1. Scan speed:**

Must have a scan speed of at least 24000 u/s. MANDATORY

E2. Resolution:

When the mass spectrometer is operated in full scan mode at least baseline resolution must be achieved between adjacent nominal masses over the entire mass range (MANDATORY). A higher score will be given to systems that can achieve better than baseline resolution must be achieved between adjacent nominal masses over the entire mass range. POINT-RATED R8

E3. Mass range:

Must be at least 15-1,700 m/z. MANDATORY

E4. Mass Accuracy:

Mass accuracy must be at most +/- 0.15 u (MANDATORY), a higher score will be given for mass accuracies less than +/- 0.15 u. POINT-RATED R9

E5. Ion sources:

- E5.1 Must monitor both ESI and APCI. MANDATORY
- E5.2 All hardware for these two ionization modes must be provided. MANDATORY
- E5.3 Switching between sources must be achievable without breaking the vacuum. MANDATORY

E6. Ion detection:

E6.1 Must have fast polarity switching between positive and negative ion modes.

MANDATORY

E6.2 The maximum time for switching between polarities must be no more than 700 ms (MANDATORY). A higher score will be given for switching polarities less than 700 ms.

POINT-RATED R10

E7. Vacuum system:

E7.1 Ion source and mass analyzer regions must be differentially pumped. **MANDATORY**

E7.2 Must consist of one roughing pump and one high-vacuum pump. **MANDATORY**

E7.3 Must maintain a very stable collision gas pressure. **MANDATORY**

E7.4 The instrument must have full protection against power failure, cooling water failure and excessive ion source or analyzer pressure. **MANDATORY**

E7.5 An extra supply of all vacuum pump consumables must be included, i.e. lubricants, pump cartridges, filters, etc. **MANDATORY**

E7.6 A vacuum pump cover for noise reduction must be included. **MANDATORY**

E7.7 Must accept LC flow rates up to 1mL/min in electrospray (ESI) mode and 1.5 mL/min in atmospheric pressure chemical ionization (APCI) mode, both without splitting (MANDATORY). A higher score will be given to systems that can accept LC flow rates greater than 1mL/min in electrospray (ESI) mode and greater than 1.5 mL/min in atmospheric pressure chemical ionization (APCI) mode, both without splitting. **POINT-RATED R11**

E8. Sensitivity

In positive mode ESI a 2 :L injection of 125fg/:L solution of Reserpine must not be less than 45:1 with a flow rate of 200:L/min; or equivalent to (MANDATORY). A higher score will be given to systems that can achieve sensitivity greater than 45:1 with the above mentioned conditions.

POINT-RATED R12

E9. Scan functions:

The instrument must perform the following scan modes:

- full scan MS **MANDATORY**
- MS/MS **MANDATORY**
- multiple reaction monitoring (MRM) **MANDATORY**
- neutral loss scan **MANDATORY**
- at least MS3 **MANDATORY**

E10. Collision gas:

E10.1 Must have collision induced fragmentation. **MANDATORY**

E10.2 If a collision cell is to be used for the above, the following requirements must be met (MANDATORY if collision cell is to be used):

E10.2.1 Collision energy must be digitally controlled in the range of at least 5 to +/- 100 eV. MANDATORY

E10.2.2 Collision gas pressure must be directly monitored. MANDATORY

E10.2.3 Collision gas introduction, pump out and regulation must be computer controlled. MANDATORY

E10.2.4 The instrument must have a high efficiency collision cell equipped with beam focusing at cell entry and exit (or equipment equivalent to). MANDATORY

E11. Transformer:

Vendor must provide transformer(s) for the mass spectrometer, data system and other accessories if the power requirements are different than the regular power output available in the user's building (110V and 220V, 60Hz, single phase). MANDATORY

E12. Mass Spectrometer Software:

E12.1 Must offer auto-tuning for easy target mass depending parameter optimizations. MANDATORY

E12.2 Must offer automatic calibration with user defined calibration standards. MANDATORY

E12.3 Must allow for data post-processing and must automatically generate and print standard reports. MANDATORY

E12.4 The software must generate a single standard report which includes TIC, MS, MS/MS and MSⁿ data as well as UV chromatograms without customization or without analyst generated macros. MANDATORY. The vendor must provide a hard-copy of a report that demonstrates that the above described report can be generated. MANDATORY

E12.5 Software must also allow for peak picking and library searching. MANDATORY

F. Mandatory performance specifications:

Acceptance of the instrument will be determined on-site in the presence of the user after installation by the following criteria in addition to the manufacturer specified performance specifications for that system:

F1. MS/MS sensitivity:

In positive mode ESI a 2 µL injection of 125fg/µL solution of Reserpine must not be less than 45µ1 with a flow rate of 200µL/min. MANDATORY

F2. Satisfactory demonstration of a psilocybin standard of concentration approximately 25 µg/mL (provided by DAS laboratory) and a typical sample (concentration at least 25 µg/mL) run on a method transferred from another LC-MS system. Satisfaction will be granted if:

F2.1 All data collected for UV, MS, MS/MS and MSⁿ is consistent with previously acquired data. MANDATORY

F2.2 A report is generated and printed automatically which contains TIC, MS, MS/MS and MSⁿ data as well as UV chromatograms. MANDATORY

G. Options:

Note: Vendor may list items and their relevant cost and specifications that may become part of this tender.

Prices quoted for the following items will be valid after 12 months of the system acceptance date. The vendor can provide more options than the following as deemed to be useful for the user.

G1. Spectral libraries.

G2. Direct probe option for APCI source with appropriate additional equipment.

G3. A bar code reader capable of reading 3 of 9 standard 1-dimensional barcodes.

G4. An upgrade of the HPLC system to a UHPLC system that is capable of both analytical HPLC and UHPLC.

****Note:** Please provide the cost to upgrade the system from the mandatory HPLC system included in the bid rather than the cost for an additional UHPLC system.

Annex B

BASIS OF PAYMENT

B.1 Financial Proposal Instructions

1. Pricing Requirements

Health Canada requires a fully installed and functional Liquid Chromatography Tandem High Resolution Mass spectrometer (LC/HRMS) system. It is mandatory that the successful Bidder must supply, deliver and install all equipment, accessories and materials necessary for a fully functional system. Any materials and equipment necessary for the proper operation of the system not specified or described be deemed as part of the specification.

Any technological upgrades, such as new software versions, system ROM upgrades, etc., that are released after the system is ordered but before delivery and acceptance, be included at no charge. The cost(s) of any items(s) omitted from the quote that are required to meet system requirements and specifications as described herein, are to be the sole responsibility of the bidder.

2 Firm Price

Pricing must include DELIVERY to and system INSTALLATION at Health Canada's Drug Analysis Service (DAS) Laboratory in Burnaby, B.C.

Pricing must be in Canadian dollars, Harmonized Sales Tax excluded, FOB destination, Canadian customs duties and excise taxes included.

Bidders must provide a separate firm price for the Base Bid for each item of equipment listed in this RFP, FOB destination, installed, include all delivery charges separately, to be valid for a period of up to 90 days from the date of the closing of the contract bid.

The unit price and the details of calculations leading up to the total bid price will be clearly shown as a total dollar figure and must include itemized; equipment, software with any License fees, installation, set-up, labour and any delivery charges. Pricing proposal should include five (5) parts:

- a. The cost of the equipment;
- b. The cost of the training;
- c. The cost of the installation and verification/commissioning charge - including any travel or accommodation costs;
- d. Explanation of the one year on-site parts and labour warranty/maintenance policies for the System, and detailing the labour and equipment coverage and any limitations;
- e. The cost of for extended warranty period as an option.

3. The terms and conditions in B.2 and the proposed price will be included as Annex B - Basis of Payment in the resulting contract.

B.2 Resulting Annex B - Basis of Payment for the Contract

All technological upgrades, such as new software versions, system ROM upgrades, etc., that are released after the system is ordered but before delivery and acceptance must be included at no additional charge.

The cost of any item that is omitted but are required to meet the system requirements and specifications are the sole responsibility of the Contractor.

Prices must be in Canadian dollars, Harmonized Sales Tax excluded, FOB destination, Canadian customs duties and excise taxes included.

Sample Pricing Table:

Initial Order

| Item # | Part Number | Description | U of I | Qty | Unit Cost | Extended total |
|--------|-------------|--|--------|-----|-----------|----------------|
| 1 | xxxxx | LC Subsystem Base Unit | ea | | | |
| 1a | xxxxa | Quaternary analytical pump | ea | | | |
| 1b | xxxxb | Thermostatted autosampler | ea | | | |
| 1c | xxxxc | Thermostatted column compartment: | ea | | | |
| 1d | xxxxd | Solvent rack and bottles | ea | | | |
| 1e | | Diode array detector | | | | |
| 1f | zzzzz | Spectral software | ea | | | |
| 1g | | etc | ea | | | |
| 2 | 1,112 | Mass Spectrometer | ea | | | |
| 2a | 1,113 | Vacuum system | ea | | | |
| 2b | aaaa | Transformer | ea | | | |
| 2c | zzzzx | Mass Spectrometer Software | ea | | | |
| 2d | xxxx | etc | ea | | | |
| 3 | aaaa | Installation | Lot | 1 | | |
| 4 | bbbb | On-site training | Lot | 1 | | |
| 5 | cccc | Initial Warranty/Maintenance and Support | Yr | 1 | | |

Optional Services

| | | | | | | |
|---|------|---|-----|---|--|--|
| 6 | dddd | Year 2 - warranty / maintenance and support extension | lot | 1 | | |
| 7 | eeee | Year 3 - warranty / maintenance and support extension | lot | 1 | | |

Annex C

Technical Criteria - Point Rated

Total points: 110

All bid responses will be ranked according to a ratings score of the rated items described. Optional items may also be considered.

| <p>Bidders: Write beside each of the criteria the relevant page number(s) from your proposal which addresses the requirement identified in the criteria. Please provide a written description of how each requirement is met. Score column reserved for the evaluation team.</p> <p>Bids that fail to meet the mandatory requirements will not be rated and the bid will not be considered.</p> | | |
|--|---|------------|
| Criteria | Pg # | Score |
| General Requirements | Maximum: 20 pts Min. Required: 6 pts | /20 |
| <p>R1. Timely response to service calls</p> <p>Please provide a detailed written response describing your process for providing call back service (including time for technician to call back) and on-site service and the expected timelines for responses to on-site service requests.</p> <p>Please also provide two references that can verify the call back response times.</p> <p>Also include the costs of on-site response, including travel and at least 8 hours of technician service.</p> <p>A minimum of 6 points is required for the bid to pass this section.</p> | | /20 |
| Liquid Chromatograph | Maximum: 35 pts | /35 |
| <p>R2. Quaternary analytical pump (Section D1.4)</p> <p>A higher score will be given to systems that are capable of ultra-high pressure liquid chromatography (pressures greater than 600 bar) in addition to standard analytical high performance liquid chromatography.</p> <p>10 points if system is capable of maintaining UHPLC pressures of greater than 600 bar</p> | | /10 |

| Criteria | Pg # | Score |
|--|------------------------|------------|
| R3. Quaternary analytical pump: Flow precision (Section D1.5) Flow precision must be less than 0.3% RSD, a higher score will be given to systems with less than 0.3% RSD. 5 points if flow precision <0.05% RSD 3 points if flow precision is < 0.3% RSD and > 0.05% RSD | | /5 |
| R4. Safety (Section D2.3) A higher score will be given to HPLC pumping systems that monitor pump seal tightness and provide early warnings of leakages. 5 points if HPLC pumping system monitors pump seal tightness and provides early warnings of leakages | | /5 |
| R5. Thermostatted column compartment (Section D4.2) Must maintain stable temperatures of at least 50 °C, a higher score will be given to systems that maintain stable temperatures above 50 °C. 5 points if temperature is stable above 50 °C | | /5 |
| R6. Thermostatted column compartment (Section D4.1) Systems that are compatible with UHPLC columns (sub-2 µm particle sizes), in addition to the columns listed above, will be given a higher score. 5 points if system is compatible with sub-2µm particle UHPLC columns as well as standard analytical HPLC columns | | /5 |
| R7. Diode array detector (Section D6.8) A higher score will be given to instruments with electronic lifespan monitoring of the lamps (i.e. lamp hours, intensity). 5 points if electronic lifespan monitoring of the lamps (i.e. lamp hours, intensity) is included | | /5 |
| Mass Spectrometer | Maximum: 65 pts | /55 |

| Criteria | Pg # | Score |
|--|------|------------|
| R8. Resolution (Section E2) Instrument resolution must be at least baseline resolution between adjacent nominal masses in full scan mode. 10 points if resolution is better than baseline resolution between adjacent nominal masses in full scan mode | | /10 |
| R9. Mass accuracy (Section E4) Mass accuracy must be at most +/- 0.15 u, a higher score will be given for mass accuracies less than +/- 0.15 u. 10 points if mass accuracy is less than +/- 0.15 u | | /10 |
| R10. Ion detection (Section E6.3) The maximum time for switching between polarities must be no more than 700 ms. A higher score will be given for switching polarities less than 700 ms. 10 points if maximum time for polarity switching is less than 100 ms 5 points if maximum time for polarity switching is between 100-699 ms | | /10 |
| R11. Vacuum system (Section E7.7) Must accept LC flow rates up to 1 mL/min in electrospray (ESI) mode and 1.5 mL/min in atmospheric pressure chemical ionization (APCI) mode, both without splitting, while maintaining a source pressure suitable for a stable operation of the instrument. A higher score will be given to systems that can accept higher flow rates without splitting. 15 points if vacuum system accepts LC flow rates greater than 1 mL/min in electrospray (ESI) mode or greater than 1.5 mL/min in atmospheric pressure chemical ionization (APCI) mode both without splitting | | /15 |

| Criteria | Pg # | Score |
|---|------|------------|
| <p>R12. Sensitivity (Section E8)</p> <p>In positive mode ESI a 2 :L injection of 125fg/:L solution of Reserpine must not be less than 45:1 with a flow rate of 200:L/min; or equivalent to. A higher score will be given to systems that can achieve sensitivity greater than 45:1 with the above mentioned conditions.</p> <p>10 points if sensitivity under specified conditions or equivalent is greater than 50:1</p> <p>5 points if sensitivity under specified conditions or equivalent is between 45:1 and 50:1</p> | | /10 |

Solicitation No. - N° de l'invitation

H4134-123184/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

van584

Client Ref. No. - N° de réf. du client

H4134-123184

File No. - N° du dossier

VAN-2-35279

CCC No./N° CCC - FMS No/ N° VME

Form 1: BID SUBMISSION FORM

| | | | |
|---|--|---|--|
| Bidder's full legal name | | | |
| Authorized Representative of Bidder for evaluation purposes (e.g., clarifications) | | Name | |
| | | Title | |
| | | Address | |
| | | Telephone # | |
| | | Fax # | |
| | | Email | |
| Bidder's Procurement Business Number (PBN) [see the Standard Instructions 2003] | | | |
| Jurisdiction of Contract: Province in Canada the bidder wishes to be the legal jurisdiction applicable to any resulting contract (if other than as specified in solicitation) | | | |
| Federal Contractors Program for Employment Equity (FCP EE) Certification: If the bidder is exempt, please indicate the basis for the exemption to the right. If the bidder does not fall within the exceptions enumerated to the right, the Program requirements do apply and the bidder is required either to: (a) submit to the Department of HRSD form LAB 1168, Certificate of Commitment to Implement Employment Equity, DULY SIGNED; or (b) submit a valid Certificate number confirming its adherence to the FCP-EE. Bidders are requested to include their FCP EE Certification or signed LAB 1168 with their bid; if this information is not provided in the bid, it must be provided upon request by the Contracting Authority during evaluation. For joint ventures, be sure to provide this information for each of the members of the joint venture. | | On behalf of the bidder, by signing below, I also confirm that the bidder [check the one that applies]: | |
| | | () a. is not subject to Federal Contractors Program for Employment Equity (FCP-EE), because it has a workforce of less than 100 permanent full or part-time employees in Canada; | |
| | | () (b) is not subject to FCP-EE, because it is a regulated employer under the <i>Employment Equity Act</i> ; | |
| | | () (c) is subject to the requirements of FCP-EE, because it has a workforce of 100 or more permanent full or part-time employees in Canada, but has not previously obtained a certificate number from the Department of Human Resources and Skills Development (HRSD) (having not bid on requirements of \$200,000 or more), in which case a duly signed certificate of commitment is attached; OR | |
| | | () (d) is subject to FCP-EE, and has a valid certification number as follows: _____ (and has not been declared an Ineligible Contractor by HRSD). | |
| 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: 1. The Bidder considers itself and its products able to meet all the mandatory requirements described in the bid solicitation; 2. This bid is valid for the period requested in the bid solicitation; 3. All the information provided in the bid is complete, true and accurate; and 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. | | | |
| Signature of Authorized Representative of Bidder | | | |

Solicitation No. - N° de l'invitation

H4134-123184/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

van584

Client Ref. No. - N° de réf. du client

H4134-123184

File No. - N° du dossier

VAN-2-35279

CCC No./N° CCC - FMS No/ N° VME

Form 2**Substantiation of Technical Compliance Form - Mandatory**

| Item # Annex A | All Mandatory Articles of Annex A require substantiation by the Bidder | Bidder Substantiation | Reference to additional Substantiating Materials included in Bid |
|---------------------------|---|------------------------------|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Form 3**Substantiation of Technical Compliance Form - Point rated**

| Item # Annex C | All Point rated Articles of Annex C require substantiation by the Bidder | Bidder Substantiation | Reference to additional Substantiating Materials included in Bid |
|---------------------------|---|------------------------------|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Solicitation No. - N° de l'invitation

H4134-123184/A

Amd. No. - N° de la modif.

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van584

Client Ref. No. - N° de réf. du client

H4134-123184

File No. - N° du dossier

VAN-2-35279

CCC No./N° CCC - FMS No/ N° VME

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. For bids submitted by facsimile (Bid receiving fax (604) 775-7526), use this sheet as the cover sheet. 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. Pour les offres soumises par télécopieur (n° du télécopieur pour la réception des offres: (604) 775-7526), utilisez cette page comme bordereau de télécopie. 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.

Bid Receiving
Public Works & Government Services Canada
12TH FLOOR - 800 BURRARD STREET
VANCOUVER BC V6Z 2V8

Solicitation No. : H4134-123184/A

Solicitation Closes at : 2:00 PM PT
on : February 20 2013

Réception des soumissions
Travaux publics et services gouvernementaux Canada
800 rue Burrard, 12e étage
Vancouver (C.-B) V6Z 2V8

N° de l'invitation : : H4134-123184/A

La réception des soumissions prend fin le : 20 février 2013
à : 14:00 PT
