



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Travaux publics et Services gouvernementaux
Canada

Place Bonaventure, portail Sud-Oue

800, rue de La Gauchetière Ouest

7^e étage, suite 7300

Montréal

Québec

H5A 1L6

FAX pour soumissions: (514) 496-3822

REQUEST FOR PROPOSAL

DEMANDE DE PROPOSITION

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

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

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

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

Comments - Commentaires

Vendor/Firm Name and Address

Raison sociale et adresse du

fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Travaux publics et Services gouvernementaux Canada

Place Bonaventure, portail Sud-Oue

800, rue de La Gauchetière Ouest

7^e étage, suite 7300

Montréal

Québec

H5A 1L6

Title - Sujet Système automatisé de purification	
Solicitation No. - N° de l'invitation H4005-193502/A	Date 2019-12-17
Client Reference No. - N° de référence du client H4005-193502	
GETS Reference No. - N° de référence de SEAG PW-\$MTA-625-15569	
File No. - N° de dossier MTA-9-42226 (625)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2020-01-27	Time Zone Fuseau horaire Heure Normale du l'Est HNE
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Lavoie, Corine	Buyer Id - Id de l'acheteur mta625
Telephone No. - N° de téléphone (514) 207-4777 ()	FAX No. - N° de FAX (514) 496-3822
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: MINISTERE DE LA SANTE- Stéphanie Lessard 1001 ST LAURENT OUEST LONGUEUIL Québec J4K1C7 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

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

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Client Ref. No. - N° de réf. du client
H4005-193502

Amd. No. - N° de la modif.
File No. - N° du dossier
MTA-9-42226

Buyer ID - Id de l'acheteur
MTA625
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PART 1 - GENERAL INFORMATION

1.1 Security Requirements

There is no security requirement applicable with this requirement.

1.2 Requirement

The requirement is detailed under Annex A.

1.3 Debriefings

Bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

1.4 epost Connect service

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

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The [2003](#) (2019-03-04) 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: 60 days
Insert: 90 days

2.1.1 SACC Manual Clauses

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

2.1.2 Best Delivery Date – Bid *(To be completed by the Bidder)*

While delivery is requested by March 23, 2020, the best delivery that could be offered is

_____.

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 in the bid solicitation.

Note: For bidders choosing to submit using epost Connect for bids closing at the Bid Receiving Unit, the email address is:

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

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

2.3 Enquiries - Bid Solicitation

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

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

2.4 Applicable Laws

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

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

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

If the Bidder chooses to submit its bid electronically, Canada requests that the Bidder submits its bid in accordance with section 08 of the 2003 standard instructions. The epost Connect system has a limit of 1GB per single message posted and a limit of 20GB per conversation.

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

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

If the Bidder chooses to submit its bid in hard copies, Canada requests that the Bidder submits its 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)

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

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

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

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

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

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

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573) (<https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573>). 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.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment.

3.1.1 Electronic Payment of Invoices – Bid

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

If Annex "D" Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

3.1.2 Exchange Rate Fluctuation

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

3.1.3 SACC Manual Clauses

Section III: Certifications

Bidders must submit the certifications and additional information required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Technical Evaluation Criteria

It is mandatory to provide the technical / descriptive documents of the product that you are offering (eg. drawing, data sheet, sketch, etc.) or a description to allow its technical evaluation. Failure to comply will render your bid non responsive.

You must demonstrate in your technical submission that your product is compliant with the **Mandatory technical specifications to be demonstrated** of Annex "C".

Note: The other Mandatory technical specifications of Annex "A" are not to be demonstrated but remain mandatory technical specifications to be met.

Canada will evaluate only the documentation provided with a bidder's bid. Canada will not evaluate information such as references to Web site addresses where additional information can be found, or technical manuals or brochures not submitted with the bid.

4.1.2 Financial Evaluation

Total financial evaluation: Sum of total prices of items 1+2+3+4+5 mentioned in Annex "B" – Basis of Payment.

4.1.2.1 Evaluation of Price – Canadian / Foreign Bidders

1. Bidders must submit firm prices, customs duties and excise taxes included, and Applicable Taxes excluded.
2. Unless the bid solicitation specifically requires bids to be submitted in Canadian currency, bids submitted in foreign currency will be converted to Canadian currency for evaluation purposes. The rate given by the Bank of Canada in effect on the bid solicitation closing date, or on another date specified in the bid solicitation, will be applied as a conversion factor to the bids submitted in foreign currency.

3. Bidders must provide prices Delivered Duty Paid (DDP) to Montreal, Incoterms 2010 for shipments from a commercial contractor. Bids will be assessed on a DDP basis.

4.2 Basis of Selection – Mandatory Technical Criteria

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

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

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

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

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

5.1 Certifications Required with the Bid

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

5.1.1 Integrity Provisions - Declaration of Convicted Offences

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

5.2 Certifications Precedent to Contract Award and Additional Information

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

5.2.1 Integrity Provisions – Required Documentation

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

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](https://www.canada.ca/en/employment-social-development/canada/esdc/labour's) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#>).

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list at the time of contract award.

PART 6 - RESULTING CONTRACT CLAUSES

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

6.1 Security Requirements

6.1.1 There is no security requirement applicable to the Contract.

6.2 Requirement

The Contractor must provide the items detailed under 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](#) (2018-06-21), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

6.4 Term of Contract

6.4.1 Period of the Contract

The period of the Contract is until June 30, 2023.

6.4.2 Delivery Date

All the deliverables must be received on or before _____ (*will be completed at contract award*).

6.4.3 Option to Extend the Contract

The Contractor grants to Canada the irrevocable option to acquire the goods, services or both described at Annex "A" 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 23, 2023 by sending a written notice to the Contractor.

6.4.4 Delivery Points

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

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Corine Lavoie
Title: Acting Supply Specialist
Public Works and Government Services Canada
Acquisitions Branch
800 de la Gauchetière Ouest, Suite 1110, Montreal (Quebec), Canada, H5A 1L6

Telephone: 514-207-4777
Facsimile: 514-496-3822
E-mail address: corine.lavoie@tpsgc-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.

6.5.2 Project Authority (to be completed at contract award)

The Project Authority for the Contract is:

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

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

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File No. - N° du dossier
MTA-9-42226

Buyer ID - Id de l'acheteur
MTA625
CCC No./N° CCC - FMS No./N° VME

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

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

6.6 Payment

6.6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm unit prices, as specified in Annex B for a cost of \$ _____ (*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 Single payment

H1000C (2008-05-12), Single Payment

6.6.3 Electronic Payment of Invoices – Contract

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

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

6.6.4 SACC Manual Clause

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

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.

6.8 Certifications and Additional Information

6.8.1 Compliance

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

6.9 Applicable Laws (to be completed by the bidder)

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

6.10 Priority of Documents

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

- (a) the Articles of Agreement;
- (b) the general conditions 2010A (2018-06-21); General Conditions - Goods (Medium Complexity)
- (c) Annex A, Requirement;
- (d) Annex B, Basis of payment
- (e) the Contractor's bid dated _____ (*insert date of bid*), (*if the bid was clarified or amended, insert at the time of issuance of the bid: "as clarified on _____" or "as amended on _____" and insert date(s) of clarification(s) or amendment(s) if applicable*).

6.11 SACC Manual Clauses

A2000C (2006-06-16), Foreign Nationals (Canadian Contractor)
A2001C (2006-06-16), Foreign Nationals (Foreign Contractor)
B1501C (2018-06-21), Electrical Equipment
G1005C (2016-01-28), Insurance – No Specific Requirement
A9068C (2010-01-11), Government Site Regulations
B7500C (2006-06-16), Excess Goods

ANNEX "A"

REQUIREMENT

1.0 Introduction

The Longueuil Drug Analysis Service (DAS) regional laboratory of Health Canada (HC) is planning to acquire one (1) automated system for purification by Flash and preparative (Prep) liquid chromatography. This acquisition will allow us to carry on enforcement activities in support of the Cannabis Act and in support of the Controlled Drugs and Substances Act on illicit drugs and abused pharmaceutical compounds. In addition, DAS is requesting an option to purchase up to two (2) other instruments until March 23rd 2023.

2.0 Objectives of the Requirement

With the completion of this contract, we aim at acquiring an instrument capable of purification of small organic molecules in an automated fashion. Under the Canadian Drug Strategy, CDSS, DAS has been funded to provide additional services, support science development and increase capacity and capability. One component of this is to create the ability in the synthesis and purification of difficult to obtain standards and other related material required for method development, analyst training, the preparation of internal and external proficiency samples, or as part of a Police investigation or court proceedings. Purification of material by normal or reverse phase is part of every synthesis and is also required to obtain high quality compounds. The coveted instrument will add new capabilities in the Longueuil laboratory where none currently exist to purify final compounds or intermediate, synthesized or isolated.

3.0 REQUIREMENTS

3.1 Tasks, Activities, Deliverables and/or Milestones

- 3.1.1 The contractor must include the technical documentation relevant to the instrument, at least one operating procedures and system maintenance manual in French and/or English (paper or electronic copy).
- 3.1.2 The contractors must include on-site installation of the instrument.
- 3.1.3 The contractor must include training on site for at least 2 operator, in French and/or English, on the use and maintenance of the instrument.
- 3.1.4 The contractor must provide a technical support, in French and/or English, easy to reach by phone and/or email and/or on site and/or factory service warranty for one year after delivery and acceptance of the instrument. This technical support can be used by GoC users of the instrument to get assistance with problems they have using the system provided by the contractor.
- 3.1.5 The instrument must be delivered with all parts and accessories necessary for its operation; electrical wiring and communication cables.
- 3.1.6 The instrument offered, including all internal components, must be new. No old instrument, demonstrator model, or refurbished parts will be accepted.
- 3.1.6 The contractor must supply and install the required instrument at the Longueuil Drug Analysis Service Laboratory (1001 rue St-Laurent Ouest, Longueuil, Québec) by March 23rd, 2020.

3.2 Specifications and Standards

General:

- 3.2.1 The automated purification system must allow the user to switch between Flash and Prep in one interface and the system must flushes the plumbing between the 2 modes.
- 3.2.2 The instrument must allow the control of the following parameters: solvent ratio and/or percentage, wavelengths, flow rate, purification time, collection volume.
- 3.2.3 The parameters for the purification must be easily changeable during the purification run using a touchscreen.
- 3.2.4 The automated purification system must be equipped with a vapor sensor to prevent spill, a solvent level sensor for each feed bottle to prevent running out of solvent and solvent level sensor for the waste container to prevent overflow.
- 3.2.5 It must be possible to remotely control and monitor the automated purification system via network.
- 3.2.6 The instrument must display the UV-Vis trace, the collected fractions and the gradient method. The instrument must show the tracking of the collected fractions.
- 3.2.7 The instrument must allow for saving of methods as well as results.
- 3.2.8 The automated purification system's dimension must be maximum 53 cm x 53 cm x 83 cm (W x D x H). The maximum dimensions for the frame of the instrument must support all the required components.

Solvent, pump, maximum pressure and flow range:

- 3.2.9 The automated Flash and Prep purification system must operate within a flow range of at least 5-200 mL/min.
- 3.2.10 The automated purification system must operate at a maximum pressure of at least 3500 psi.
- 3.2.11 The total number of solvent lines must be at least four (4).
- 3.2.12 The automated purification system must allow for these three solvent programming gradients: linear, step and isocratic.
- 3.2.13 The automated system can run a gradient with at least two (2) solvents concurrently (binary gradient).
- 3.2.14 The tubing and hardware must be compatible with typical modifiers.

Column:

- 3.2.15 The automated purification system must allow for column sizes in Flash mode of 4g to 330g and in reverse Prep mode for column with diameters of at least a minimum 10 mm to 50 mm and lengths up to 250 mm.
- 3.2.16 The automated purification system must automatically detect radio-frequency identification (RFID)-encoded column in Flash mode and adjust automatically the parameters based on the column detected. Tracking system other than RFID may be acceptable if it can adjust automatically the parameters based on the column detected. Those parameters are: flow rate, air purge time, equilibration time and duration of each step of a standard solvent gradient method appropriate for the chosen column.
- 3.2.17 The automated purification system must permit the use of specialized column to purify molecule from low to high polarity. It must allow for the use of normal and reverse phase column.
- 3.1.18 The contractor must provide a preparative column compatible with the system with the following specifications: 100 Å pore size/5 µm particle size C18, 20 mm x 150 mm.

- 3.1.19 The contractor must provide the following disposable silica gel Flash columns RFID-encoded, or other acceptable tracking system, compatible with the system: 1 box of 20 columns of 4 g, 1 box of 15 columns of 24g, 1 box of 10 column of 120 g.

Sample injection:

- 3.2.20 The automated purification system must allow the injection of samples at a maximum size of at least 30 g and a minimum size of 10 mg or below.
- 3.2.21 The automated purification system must allow for the injection of sample absorbed on silica in Flash mode (solid load) and injection of liquid sample in both Prep and Flash mode.
- 3.2.22 The injection loop in the Prep mode must be 5 mL.
- 3.2.23 The injector fill port must be a female luer adapter.

Detector:

- 3.2.24 The instrument must be equipped with at least a 200-800 nm UV-Vis variable wavelength detector for fraction collection. It must also allow for the selection of any wavelength in this range for the monitoring and collection of fractions.

Fraction collection:

- 3.2.25 The automated purification system must do peak collection based on on peak slope and/or thresholds and the option to collect all fractions must be available (collect all mode).
- 3.2.26 The automated purification system must collect the fractions in an imbedded fraction collector.
- 3.2.27 The automated purification system must detect the RFID-encoded collection racks and set the appropriate volume of collected solvent. Tracking system other than RFID may be acceptable if it allows for automation of the selection of the volume to fill the tube based on the collection rack detected and if it allows exchange of the collection rack during the purification.
- 3.2.28 The automated purification system must be equipped with at least 2 RFID-encoded, collection racks of 16 mm x 150 mm test tubes. Tracking system other than RFID may be acceptable if it allows for automation of the selection of the volume to fill the tube based on the collection rack detected and if it allows exchange of the collection rack during the purification.

3.3 Method and Source of Acceptance

Delivery and installation must be completed Monday to Friday, between the hours of 9:00am and 4:00pm.

4 ADDITIONAL INFORMATION

4.1 Canada's Obligations

Health Canada must give accesses to its installations for the following reasons:

- 4.1.1 Access to facilities for the installation of equipment (e.g. a workstation with a computer and associated equipment, telephone, etc.);
- 4.1.2 Access to a staff member who will be available to coordinate activities; and
- 4.1.3 Access to facilities for the any future repair and maintenance.

4.2 Contractor's Obligations

- 4.2.1 Unless otherwise specified, the Contractor must use its own equipment and software for the performance of this Statement of Work.
- 4.2.2 For each item of equipment/furnishings that is purchased, the Contractor is to record the name, manufacturer, model number, serial number, optional equipment, supplier and price and forward this information to the Project Authority.
- 4.2.3 The Contractor must label all equipment/furnishings as being the property of Canada.

4.3 Location of Work, Work site and Delivery Points

The automated purification system must be delivered and installed at:

Health Canada
1001, rue St-Laurent Ouest
Longueuil, Québec, J4K 1C7
Att: Stéphanie Lessard
Tel: 450-928-4435
Email: stephanie.lessard@canada.ca

4.3.1 OPTIONS

Delivery Option #1

Toronto Laboratory
Health Canada
Drug Analysis Service
2301 Midland Ave
Toronto, Ontario M1P 4R7

Delivery Option #2

Vancouver Laboratory
Health Canada
Drug Analysis Service
3155 Willingdon Green
Burnaby, British Columbia V5G 4P2

4.4 Language of Work

French and/or English

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H4005-193502/A
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H4005-193502

Amd. No. - N° de la modif.
File No. - N° du dossier
MTA-9-42226

Buyer ID - Id de l'acheteur
MTA625
CCC No./N° CCC - FMS No./N° VME

5 SECURITY

5.1 Security requirements for Canadian contractor

Unscreened contractors must be escorted:

- 5.1.1 Unscreened contractors must be escorted by an employee or Commissionaire at all times when visiting GoC facilities.
- 5.1.2 Information which is to be used in the development of the contracted product, as reference material or otherwise made available to the contractor must be unclassified material and considered to be releasable to the public by HC/PHAC and/or The Government of Canada.
- 5.1.3 No Protected or Classified information is to be made available to the contractor, used in the production of the contracted product, or produced as a result of this contract

ANNEX " B "

BASIS OF PAYMENT

Prices for ALL items MUST be included. Failure to do so will render your bid non responsive.

Total financial evaluation: Sum of total prices of items 1+2+3+4+5.

Item	ITEM	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Automated system for purification as described in Annex "A" - Requirement	1	\$ _____	\$ _____
2	Delivery and installation as described in Annex "A" - Requirement		\$ _____	\$ _____
	TOTAL (1+2)			\$ _____

OPTIONAL GOODS AND/OR SERVICES

Item	ITEM	QUANTITY	UNIT PRICE	TOTAL PRICE
3	Automated system for purification as described in Annex "A" - Requirement	2	\$ _____	\$ _____
4	Option #1 - Delivery and installation as described in 4.3.1 of Annex "A" - Requirement		\$ _____	\$ _____
5	Option #2 - Delivery and installation as described in 4.3.1 of Annex "A" - Requirement		\$ _____	\$ _____
	TOTAL (3+4+5)			\$ _____

ANNEX "C"

MANDATORY TECHNICAL CRITERIA TO BE DEMONSTRATED

It is mandatory to provide the technical / descriptive documents of the product that you are offering (eg. drawing, data sheet, sketch, etc.) or a description to allow it's technical evaluation. Failure to comply will render your bid non responsive.

Canada will evaluate only the documentation provided with a bidder's bid. Canada will not evaluate information such as references to Web site addresses where additional information can be found, or technical manuals or brochures not submitted with the bid.

Criterion number (see Annex A)	Mandatory technical criteria	Reference: please specify where can be found these criteria within your technical bid/descriptive documents and/or technical literature/notes
3.2.1	The automated purification system must allow the user to switch between Flash and Prep in one interface and the system must flushes the plumbing between the 2 modes.	
3.2.4	The automated purification system must be equipped with a vapor sensor to prevent spill, a solvent level sensor for each feed bottle to prevent running out of solvent and solvent level sensor for the waste container to prevent overflow.	
3.2.9	The automated Flash and Prep purification system must operate within a flow range of at least 5-200 mL/min.	
3.2.10	The automated purification system must operate at a maximum pressure of at least 3500 psi.	
3.2.16	The automated purification system must automatically detect radio-frequency identification (RFID)-encoded column in Flash mode and adjust automatically the parameters based on the column detected. Tracking system other than RFID may be acceptable if it can adjust automatically the parameters based on the column detected. Those parameters are: flow rate, air purge time, equilibration time and duration of each step of a standard solvent gradient method appropriate for the chosen column.	
3.2.24	The instrument must be equipped with at least a 200-800 nm UV-Vis variable wavelength detector for fraction collection. It must also allow for the selection of any wavelength in this range for the monitoring and collection of fractions.	

ANNEX "D" to PART 3 OF THE BID SOLICITATION

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MTA-9-42226

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MTA625
CCC No./N° CCC - FMS No./N° VME

ELECTRONIC PAYMENT INSTRUMENTS

The Bidder accepts any of the following Electronic Payment Instrument(s):

- ☐ () VISA Acquisition Card;
- ☐ () MasterCard Acquisition Card;
- ☐ () Direct Deposit (Domestic and International);
- ☐ () Electronic Data Interchange (EDI);
- ☐ () Wire Transfer (International Only);
- ☐ () Large Value Transfer System (LVTS) (Over \$25M)

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ANNEX "E"

COMPLETE LIST OF COMPANY BOARD OF DIRECTORS

NOTE TO BIDDERS:

WRITE ALL DIRECTOR'S FULL NAMES IN BLOCK LETTERS

PROCUREMENT - BUSINESS NUMBER (PBN): _____