



**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
Public Works and Government Services / Travaux  
publics et services gouvernementaux  
Kingston Procurement  
Des Acquisitions Kingston  
86 Clarence Street, 2nd floor  
Kingston  
Ontario  
K7L 1X3  
Bid Fax: (613) 545-8067

**REQUEST FOR PROPOSAL**  
**DEMANDE DE PROPOSITION**

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

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

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

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

**Comments - Commentaires**

<b>Title - Sujet</b> Chromatograph/Spectrometer	
<b>Solicitation No. - N° de l'invitation</b> K3D57-170520/A	<b>Date</b> 2016-09-28
<b>Client Reference No. - N° de référence du client</b> K3D57-17-0520	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$KIN-620-7009	
<b>File No. - N° de dossier</b> KIN-6-46091 (620)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2016-11-08</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Daylight Saving Time EDT
<b>F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input checked="" type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Porter, Marta M.	<b>Buyer Id - Id de l'acheteur</b> kin620
<b>Telephone No. - N° de téléphone</b> (613) 483-6084 ( )	<b>FAX No. - N° de FAX</b> (613) 545-8067
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> DEPARTMENT OF THE ENVIRONMENT AIR QUALITY RESEARCH DIVISION 4905 Dufferin Street TORONTO Ontario M3H5T4 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 / Travaux publics  
et services gouvernementaux  
Kingston Procurement  
Des Acquisitions Kingston  
86 Clarence Street, 2nd floor  
Kingston  
Ontario  
K7L 1X3

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

## TABLE OF CONTENTS

<b>PART 1 - GENERAL INFORMATION .....</b>	<b>2</b>
1.1 REQUIREMENT .....	2
1.2 DEBRIEFINGS .....	2
1.3 TRADE AGREEMENTS .....	2
<b>PART 2 - BIDDER INSTRUCTIONS .....</b>	<b>3</b>
2.1 STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS .....	3
2.2 SUBMISSION OF BIDS .....	3
2.3 ENQUIRIES - BID SOLICITATION .....	3
2.4 APPLICABLE LAWS .....	3
<b>PART 3 - BID PREPARATION INSTRUCTIONS .....</b>	<b>4</b>
3.1 BID PREPARATION INSTRUCTIONS .....	4
<b>PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION .....</b>	<b>6</b>
4.1 EVALUATION PROCEDURES .....	6
4.2 BASIS OF SELECTION .....	8
<b>PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION .....</b>	<b>9</b>
5.1 CERTIFICATIONS REQUIRED WITH THE BID .....	9
5.2 CERTIFICATIONS PRECEDENT TO CONTRACT AWARD AND ADDITIONAL INFORMATION .....	9
<b>PART 6 - RESULTING CONTRACT CLAUSES .....</b>	<b>10</b>
6.1 SECURITY REQUIREMENTS .....	10
6.2 REQUIREMENT .....	10
6.3 STANDARD CLAUSES AND CONDITIONS .....	10
6.4 TERM OF CONTRACT .....	10
6.5 AUTHORITIES .....	10
6.6 PAYMENT .....	11
6.7 INVOICING INSTRUCTIONS .....	12
6.8 CERTIFICATIONS AND ADDITIONAL INFORMATION .....	12
6.9 APPLICABLE LAWS .....	12
6.10 PRIORITY OF DOCUMENTS .....	12
<b>ANNEX "A" .....</b>	<b>14</b>
REQUIREMENT .....	14
<b>ANNEX "B" .....</b>	<b>15</b>
BASIS OF PAYMENT .....	15
<b>ANNEX "C" TO PART 3 OF THE BID SOLICITATION .....</b>	<b>16</b>
ELECTRONIC PAYMENT INSTRUMENTS .....	16

Solicitation No. - N° de l'invitation  
K3D57-170520/A  
Client Ref. No. - N° de réf. du client  
K3D57-17-0520

Amd. No. - N° de la modif.  
File No. - N° du dossier  
KIN-6-46091

Buyer ID - Id de l'acheteur  
kin620  
CCC No./N° CCC - FMS No./N° VME

---

## **PART 1 - GENERAL INFORMATION**

### **1.1 Requirement**

The requirement is detailed under Annex "A" - Requirement.

### **1.2 Debriefings**

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

### **1.3 Trade Agreements**

The requirement is subject to the provisions of the North American Free Trade Agreement (NAFTA), and the Agreement on Internal Trade (AIT).

## **PART 2 - BIDDER INSTRUCTIONS**

### **2.1 Standard Instructions, Clauses and Conditions**

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

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

The 2003 (2016-04-04) 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

### **2.2 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.

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

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

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

### **2.4 Applicable Laws**

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

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

---

## **PART 3 - BID PREPARATION INSTRUCTIONS**

### **3.1 Bid Preparation Instructions**

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

Section I: Technical Bid (2 hard copies)

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

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

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

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

#### **Section II: Financial Bid**

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of Applicable Taxes must be shown separately.

##### **3.1.1 Electronic Payment of Invoices – Bid**

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

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

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

##### **3.1.2 Exchange Rate Fluctuation**

[C3011T](#) (2013-11-06), Exchange Rate Fluctuation

Solicitation No. - N° de l'invitation  
K3D57-170520/A  
Client Ref. No. - N° de réf. du client  
K3D57-17-0520

Amd. No. - N° de la modif.  
File No. - N° du dossier  
KIN-6-46091

Buyer ID - Id de l'acheteur  
kin620  
CCC No./N° CCC - FMS No./N° VME

---

**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

To be considered responsive, a proposal must meet all the **Mandatory and Financial Technical Criteria**.

##### 4.1.1.1 Mandatory Technical Criteria

The Bidder must provide literature, at time of bid closing, to prove that the equipment complies with each and every one of the Mandatory Technical Criteria listed below. Simply stating "yes" or "responsive" will not be sufficient for the purpose of this evaluation. Failure to meet the requirements of all of the Mandatory Technical Criteria will result in the bid being declared as non-responsive.

	Mandatory Criteria	Page #
MT1	Gas Chromatograph (GC) must accept a minimum of two Flame Ionization Detectors (FID) and one Mass Spectrometer Detector (MS) <flexibility>	
MT2	GC must have an in-oven hardware for splitting capillary column flows to multiple outputs (other columns or detectors) e.g. Agilent Capillary Flow Technology Deans Switch <flexibility>	
MT3	GC must incorporate hardware for back flushing and switching of capillary columns. (e.g. Agilent Capillary Flow Technology Deans Switch or equivalent) <flexibility>	
MT4	GC must have the capability to be upgraded to incorporate multiple independent capillary column ovens for fast GC (e.g. Gerstel MACH or equivalent) <flexibility>	
MT5	GC must have a minimum of two independent pressure-programmable inlets at least one of which must be suitable for packed column/0.53mm capillary column use. <flexibility>	

MT6	GC must have external/remote start and stop functions and a "ready" state output signal. <flexibility, compatibility>	
MT7	GC must be controllable via both a manual front panel interface and via a remote data system running on a desktop or laptop computer <flexibility>	
MT8	GC must operate from 120VAC power using a 15 amp or 20 amp circuit <field use>	
MT9	Mass Spectrometer (MS) be of the quadrupole type with electron ionization (EI) and incorporate dual, switchable filaments <compatibility, field use robustness>	
MT10	MS quadrupole must be of the monolithic quartz type < field use robustness>	
MT11	Instrument Limit of Detection must be 25 fg of OFN or better. <sensitivity>	
MT12	MS mass range must be 2 AMU to 1000 AMU or greater. <flexibility>	
MT13	MS must be able to sustain operation with up to 50 mL/min. continuous carrier gas flow or higher and carry out analysis with up to 4 mL/min. continuous carrier gas flow or higher. <flexibility>	
MT14	MS must operate on 120VAC and from a 15 or 20 Amp circuit <field use suitability, green procurement>	

---

MT15	MS must have a programmable "sleep" mode for energy conservation <green procurement>	
MT16	MS must include control and data collection system for collecting and analyzing mass spectral data and which must be fully compatible with the GC operation and include a relevant mass spectra library (such as NIST) <flexibility, compatibility, sensitivity>	
MT17	MS must be capable of operating in a selected ion mode with a minimum of 50 ions and 100 ion groups <flexibility, sensitivity>	

#### 4.1.2 Financial Evaluation

SACC Manual Clause [A0220T \(2014-06-26\)](#), Evaluation of Price

##### 4.1.2.1 Mandatory Financial Criteria

- a) The total proposed price must not exceed \$165,000.00 (excluding applicable taxes)

#### 4.2 Basis of Selection

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

SACC Manual Clause A0031T (2010-08-16), Basis of Selection – Mandatory Technical Criteria

## **PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION**

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

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

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

### **5.1 Certifications Required with the Bid**

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

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

In accordance with the *Ineligibility and Suspension Policy* (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide with its bid the required documentation, as applicable, to be given further consideration in the procurement process.

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

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

#### **5.2.1 Integrity Provisions – Required Documentation**

In accordance with the *Ineligibility and Suspension Policy* (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

#### **5.2.2 Federal Contractors Program for Employment Equity - Bid Certification**

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's website](http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969) ([http://www.esdc.gc.ca/en/jobs/workplace/human\\_rights/employment\\_equity/federal\\_contractor\\_program.page?&\\_ga=1.229006812.1158694905.1413548969](http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969)).

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

## **PART 6 - RESULTING CONTRACT CLAUSES**

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

### **6.1 Security Requirements**

**6.1.1** There is no security requirement applicable to the Contract.

### **6.2 Requirement**

The Contractor must provide one (1) Gas Chromatograph with Mass Spectrometer in accordance with the Requirement at Annex "A".

### **6.3 Standard Clauses and Conditions**

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

#### **6.3.1 General Conditions**

[2010A](#) (2016-04-04), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

#### **6.3.2 Supplemental General Conditions**

4001 (2015-04-01) Hardware Purchase, Lease and Maintenance, apply to and form part of the Contract.  
4003 (2010-08-16) Licensed Software, apply to and form part of the Contract.  
4004 (2013-04-25) Maintenance and Support Services for Licensed Software, apply to and form part of the Contract.

### **6.4 Term of Contract**

#### **6.4.1 Delivery Date**

All the deliverables must be received on or before March 31, 2017.

#### **6.4.2 Shipping Instructions – Free on Board Destination and Delivered Duty Paid**

Incoterms 2000 "DDP Delivered Duty Paid", Department of the Environment, 4905 Dufferin Street, Downsview Ontario.

### **6.5 Authorities**

#### **6.5.1 Contracting Authority**

The Contracting Authority for the Contract is:

Name: Marta Porter  
Title: Supply Specialist  
Public Works and Government Services Canada  
Acquisitions Branch  
Address: 86 Clarence Street, 2<sup>nd</sup> Floor

Solicitation No. - N° de l'invitation  
K3D57-170520/A  
Client Ref. No. - N° de réf. du client  
K3D57-17-0520

Amd. No. - N° de la modif.  
File No. - N° du dossier  
KIN-6-46091

Buyer ID - Id de l'acheteur  
kin620  
CCC No./N° CCC - FMS No./N° VME

---

Kingston ON., K7L 1X3  
Telephone: 613-547-7587 Cell: 613-483-6084  
Facsimile: 613-545-8067  
E-mail address: marta.porter@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 Technical Authority *(To be entered at time of Contract Award)*

The Technical Authority for the Contract is:

Name: Peter C. Brickell  
Title: Research Chemist  
Organization: ECCC/STB/AQRD  
Address: 4905 Dufferin Street, Toronto ON M3H 5T4

Telephone: 416-739-4547  
Facsimile: 416-739-5926  
E-mail address: peter.brickell@canada.ca

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.

### 6.5.3 Contractor's Representative *(To be entered by the Bidder)*

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

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

## 6.6 Payment

### 6.6.1 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 unit price, as specified in Annex B for a cost of \$ \_\_\_\_\_ *(insert the amount at contract award)*. Customs duties are included and Applicable Taxes are extra.

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

### 6.6.2 Limitation of Price

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

### 6.6.3 Single Payment

SACC Manual clause [H1000C](#) (2005-05-12) Single Payment

### 6.6.4 Electronic Payment of Invoices – Contract

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

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

### 6.7 Invoicing Instructions

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

1. 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

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

### 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 supplemental conditions, 4001 (2015-04-01) Hardware Purchase, Lease and Maintenance;
- (c) the supplemental conditions, 4003 (2010-08-16) Licensed Software;
- (d) the supplemental conditions, 4004 (2013-04-25) Maintenance and Support Services for Licensed Software;
- (e) the general conditions, [2010A](#) (2016-04-04) Goods (Medium Complexity);

Solicitation No. - N° de l'invitation  
K3D57-170520/A  
Client Ref. No. - N° de réf. du client  
K3D57-17-0520

Amd. No. - N° de la modif.  
File No. - N° du dossier  
KIN-6-46091

Buyer ID - Id de l'acheteur  
kin620  
CCC No./N° CCC - FMS No./N° VME

---

- (f) Annex A, Requirement;
- (g) Annex B, Basis of Payment;
- (h) the Contractor's bid dated \_\_\_\_\_ .

## **ANNEX "A"**

### **REQUIREMENT**

The Government of Canada, Environment and Climate Change Canada, requires an analytical system to measure trace and ultra-trace levels of volatile organic compounds (VOCs) in ambient air, both from in-situ ground sampling and pressurized samples from electropolished stainless steel sampling canisters. This analytical system will be fabricated in-house but requires a GC-MS instrument as its core component. Acquisition of this core GC-MS instrument is the goal of this process.

The Gas Chromatograph (GC) and Mass Spectrometer (MS) parts of the instrument must be fully compatible and integrated with one another and controlled by a single data system computer. The GC must have, or be able to accommodate, a number of options (detectors, gas flow switching, etc.) in order to allow the maximum amount of flexibility to apply an array of chromatographic approaches to separating highly complex mixtures of hydrocarbons. The MS must be able to operate with high carrier gas flow rates and also offer excellent sensitivity. It must be of a type that maintains comparability with mass spectra from previous instruments used in the laboratory.

The final instrument system will be deployed to field sites in a variety of locations. It must be physically robust enough to withstand shipment by various means (air, road, off-road) and extremely reliable in operation. Electrical power is frequently a limiting factor in field laboratories and so power consumption must meet the Mandatory Technical Criteria as shown in Part 4, Evaluation Procedures and Basis of Selection, 4.1.1.1 Mandatory Technical Criteria.

Solicitation No. - N° de l'invitation  
K3D57-170520/A  
Client Ref. No. - N° de réf. du client  
K3D57-17-0520

Amd. No. - N° de la modif.  
File No. - N° du dossier  
KIN-6-46091

Buyer ID - Id de l'acheteur  
kin620  
CCC No./N° CCC - FMS No./N° VME

---

## ANNEX "B"

### BASIS OF PAYMENT

**Pricing Instructions (To be removed at time of Contract Award):**

*Bidders will provide a firm, all-inclusive unit price in CAD. H.S.T., if applicable, is extra to the price herein and shall be shown on any invoice as a separate item. Customs duties are included.*

**Incoterms 2000 "DDP Delivered Duty Paid", Department of the Environment, 4905 Dufferin Street, Downsview Ontario.**

<u>Item</u>	<u>Quantity</u>	<u>Firm Unit Price</u>	<u>Extended Unit Price</u>
<b>Gas Chromatograph with Mass Spectrometer</b> (includes 2 Flame Ionization Detectors and shipping)	1	\$ _____	\$ _____

Solicitation No. - N° de l'invitation  
K3D57-170520/A  
Client Ref. No. - N° de réf. du client  
K3D57-17-0520

Amd. No. - N° de la modif.  
File No. - N° du dossier  
KIN-6-46091

Buyer ID - Id de l'acheteur  
kin620  
CCC No./N° CCC - FMS No./N° VME

---

## **ANNEX "C" to PART 3 OF THE BID SOLICITATION**

### **ELECTRONIC PAYMENT INSTRUMENTS**

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

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