



RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Public Works and Government Services Canada
Canada Place / Place du Canada
9700 Jasper Ave. / 9700 ave. Jaspe
Suite 100 / pièce 1000
Edmonton
Alberta
T5J 4C3
Bid Fax: (780) 497-3510

REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION

Proposal To: Public Works and Government Services Canada

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

Proposition aux: Travaux Publics et Services Gouvernementaux Canada

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

Comments - Commentaires

Title - Sujet Elemental Analyzer	
Solicitation No. - N° de l'invitation 01582-202017/A	Date 2019-09-24
Client Reference No. - N° de référence du client 01582-202017	
GETS Reference No. - N° de référence de SEAG PW-\$EDM-404-11697	
File No. - N° de dossier EDM-9-42099 (404)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-11-05	Time Zone Fuseau horaire Mountain Standard Time MST
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Lutz, Paige	Buyer Id - Id de l'acheteur edm404
Telephone No. - N° de téléphone (587) 335-8227 ()	FAX No. - N° de FAX (780) 497-3510
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF AGRICULTURE AND AGRI-FOOD BEAVERLODGE RESEARCH FARM 720 RESEARCH ROAD PO BOX 29 BEAVERLODGE Alberta T0H0C0 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address
Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution
Public Works and Government Services Canada
ATB Place North Tower
10025 Jasper Ave./10025 ave Jasper
5th floor/5e étage
Edmonton
Alberta
T5J 1S6

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

1.1 Statement of Requirement

The requirement is detailed under Article 6.2 of the resulting contract clauses.

1.2 Debriefings

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

1.3 Trade Agreements

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

1.4 epost Connect service

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

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

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

2.2 Submission of Bids

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

Bid Receiving Public Works and Government Services Canada
Canada Place
Suite 1000, 9700 Jasper Avenue
Edmonton, Alberta T5J 4C3
ROReceptionSoumissions.WRBidReceiving@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.

Facsimile number: 780-497-3510

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 Alberta.

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

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

If the Bidder chooses to submit its bid electronically, Canada requests that the Bidder submits its bid in accordance with section 08 of the 2003 standard instructions. 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
- Section IV: Additional Information

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

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

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

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

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

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

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

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 Criteria

- (a) Bidder must be able to perform the full scope of the work described in Annex "A", Statement of Requirement and meet the Minimum Mandatory Performance Specifications detailed in the Compliance Matrix
- (b) Bidder must complete the Compliance Matrix as detailed in Annex "A", Statement of Requirement

4.1.2 Financial Evaluation

SACC Manual Clause [A0222T](#) (2014-06-26), Evaluation of Price-Canadian/Foreign Bidders

- (a) At Annex "B", Basis of Payment, the extended price for each line item will be determined by multiplying the Quantity by the Firm Unit Price.
- (b) The extended price for each line item will be added together to arrive at the Total Bid Price.

4.2 Basis of Selection

4.2.1 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 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/programs/employment-equity/federal-contractor-program.html#) 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 Statement of Requirement

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

6.3.1.1 Warranty - Modification - General Conditions 2010A

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

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

All other provisions of the warranty section remain in effect.

6.4 Term of Contract

6.4.1 Delivery Date

All the deliverables must be received on or before 2020-03-31.

6.4.2 Delivery Points

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

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Paige Lutz
Procurement Officer
Public Works and Government Services Canada
Acquisitions Branch
Canada Place
Suite 1000, 9700 Jasper Avenue
Edmonton AB, T5J 4C3
Telephone: 587-335-8227
Facsimile: 780-497-3510
E-mail address: Paige.Lutz@pwgsc-tpsgc.gc.ca

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EDM-9-42099

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

6.5.2 Technical Authority

The Technical Authority for the Contract is: **to be provided at contract award.**

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

6.5.3 Contractor's Representative

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone: _____
Facsimile: _____
E-mail address: _____

6.6 Payment

6.6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price, as specified in Annex B for a cost of \$ **TBD**. Customs duties are **TBD** 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 SACC Manual Clauses

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

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

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

6.8 Certifications 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 Alberta.

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, Statement of Requirement;
- (d) Annex B, Basis of Payment;
- (e) the Contractor's bid dated _____ (insert date of bid)

6.11 SACC Manual Clauses

[A9068C](#) (2010-01-11), Government Site Regulations
[B7500C](#) (2006-06-16), Excess Goods
[G1005C](#) (2016-01-28), Insurance – No Specific Requirement

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EDM-9-42099

Buyer ID - Id de l'acheteur
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6.12 Inspection and Acceptance

The Technical Authority is the Inspection Authority. All reports, deliverable items, documents, goods and all services rendered under the Contract are subject to inspection by the Inspection Authority or representative. Should any report, document, good or service not be in accordance with the requirements of the Statement of Work and to the satisfaction of the Inspection Authority, as submitted, the Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

ANNEX "A"

STATEMENT OF REQUIREMENT

REQUIREMENT

The Department of Agriculture and Agri-Food at Beaverlodge Research Farm has a requirement for the supply and delivery of one complete elemental analyzer system for their laboratory. The equipment will be used for the measurement of carbon (C), hydrogen (H), nitrogen (N), and sulfur (S) in the gas forms CO₂, H₂O, N₂, and SO₂ respectively, with the ability to be upgraded to analyze oxygen (O) and chlorine (Cl). In addition to the main analyzer equipment, the requirement also includes the provision of additional accessories and a start-up set of consumables.

Delivery, including training, must be received and completed on or before March 31, 2020.

DELIVERY

All deliverables must be received at the location specified below, FOB destination:

Agriculture and Agri-Food Canada
Beaverlodge Research Farm
One Research Road, (Box 29)
Beaverlodge, AB T0H 0C0

COMPLIANCE MATRIX – MINIMUM MANDATORY PERFORMANCE SPECIFICATIONS

A complete list of the minimum mandatory performance specifications are detailed below in the "Compliance Matrix". Bidders are to clearly demonstrate compliance with each mandatory specification.

1. Bidders **must** show compliance by addressing each performance specification in the Compliance Matrix, whether the product offered "meets" or "doesn't meet".
2. Bidders are requested to indicate how they meet each performance specification by recording this information under the Performance Specification Offered column in the Compliance Matrix.
3. It is requested that supporting technical documentation, including but not limited to, specification sheets, technical brochures, photographs or illustrations be provided with the bid at solicitation close and be cross-referenced on the Compliance Matrix for each performance specification to outline where in the supporting technical documentation it demonstrates compliance. It is the Bidders responsibility to ensure that the submitted supporting technical documentation provides detail to prove that the proposed product(s) meet the requirements of the Performance Specification. If published supporting technical document is not available, the Bidder should prepare a written narrative complete with a detailed explanation of how its bid demonstrates technical compliance.
4. If the supporting documentation referenced above has not been provided at bid closing, the Contracting Authority will notify the Bidder that they must provide supporting documentation within two (2) business days following notification. Failure to comply with the request of the Contracting Authority within that time period, will deem the bid non-responsive and the bid will be given no further consideration.
5. Bidders must address any concerns with the performance specifications in written detail to the Contracting Authority before bid closing as outlined in the Request for Proposal (RFP) document.

6. Failure to meet each performance specification will result in the bid being deemed non-responsive, and be given no further consideration.

Bidder Name	Manufacturer Offered	Model Number Offered

Item #	Mandatory Performance Specification	Performance Specification Met? Indicate either Yes/No	Performance Specification Offered: Bidder should indicate how they meet the performance specification by recording this information in this column	Cross Reference: In this column, Bidders should cross-reference where this performance specification is indicated in their supporting documents.
Part 1: General Specifications				
1.1	Analyzer must be able to measure carbon (C), hydrogen (H), nitrogen (N), and sulfur (S) in the gas forms CO ₂ , H ₂ O, N ₂ , and SO ₂ respectively via a single thermal conductivity detector.			
1.2	Must be upgradable to analyze oxygen (O) and chlorine (Cl).			
1.3	Operable in all of the following modes: CHNS, CHN, CNS, CN, N only, or S only. (See Item #1.1 for acronym definition)			
1.4	Capable of analyzing up to 40 mg of absolute carbon, 3 mg of absolute hydrogen, 15 mg of absolute nitrogen, and 6 mg of absolute sulfur content, all inclusive.			
1.5	Have a non-stacking automatic sampler to allow for reloading during operation.			
1.6	Equipped with a helium or argon purged blank-free ball valve for sample injection into the combustion tube, with ability to utilize a helium or argon carrier gas flow via an electronic mass flow			

	controller (MFC) between furnace and detector to allow for calibration stability over several months minimum.			
1.7	Must contain slide out furnace for easy exchange of the ash crucible.			
1.8	Ability to measure 100% of combusted analyte gases via a thermal conductivity detector (TCD) without "gas splitting" or chromatographic separation.			
1.9	Operable by high temperature combustion (900 - 1150°C) inside a vertical quartz tube.			
1.10	Provided with temperature programmed desorption columns for complete baseline separation of C from N peak signals up to concentration ratios of 2000:1.			
1.11	Must have an oxygen consumption rate under 0.3L of O ₂ per analysis, and the dosage regulated by an electronic mass flow controller (MFC) or capillary with automated over-dose recognition software.			
1.12	Reduction of nitrogen oxides from NO _x → N ₂ and absorption of excess oxygen must be performed by passing the analyte gas through heated copper or tungsten chips in a tube separate from the main combustion tube.			
1.13	Must include analyte detection by a thermal conductivity detector (TCD) with oxygen excess proof thermistor technology.			

1.14	Must have instrument control and data collection by a standard personal computer (PC) operating Microsoft Windows®.			
1.15	Operating software capable of an automatic leak check program, automatic sleep/wake-up functions, service and maintenance support, weight transfer from an external balance, automatic calculations and statistical analysis for sample results.			
1.16	Data files must be exportable and readable by Microsoft Excel®.			
1.17	Must include digitally controlled remote diagnostics via the internet for all instrument functions, including gas flows and pressures.			
Part 2: Electrical Specifications and Certifications				
2.1	Electrical capacity to operate within 120 and 240 inclusive VAC input power, and must internally operate on less than 50 V.			
2.2	All electrical equipment supplied under the Contract must be certified or approved for use in accordance with the Canadian Electrical Code, Part 1, before delivery, by a certification organization accredited by the Standards Council of Canada.			
Part 3: Additional Warranty, Training, and Technical Support				
3.1	Supplier must provide on-site operational training that covers all functions of the equipment within 48 hours of delivery to three technicians.			

3.2	Must have a minimum 10-year furnace warranty and 10-year spare parts replacement guarantee.			
3.3	Supplier must provide one instruction manual for set-up and operation of the equipment in English.			
Part 4: Analyzer Accessories				
In addition to the elemental analyzer described above, the supplier must also provide the following accessories for the equipment:				
4.1	Valves with two stages for oxygen and helium, argon or carbon dioxide gas cylinders.			
4.2	Installation kit containing all items for installation, maintenance and sample preparation.			
4.3	Starter kit containing all chemicals, reaction tubes, sample containers and small parts for initial operation.			
4.4	Set of consumables including chemicals, sample containers and reaction tubes for a minimum of 4000 solid samples of CHNS.			
4.5	Two extra sets of O rings and small wear parts.			
4.6	One Control and Evaluation PC English keyboard.			
4.7	Conversion kit uninterruptible power supply (UPS) as an accessory component to enable the use of UPS with smaller capacity for the PC and analyzer electronics only.			

ANNEX "B"

BASIS OF PAYMENT

In consideration of the Contractor satisfactorily completing all the obligations under the Contract, the Contractor will be paid a firm price, as specified below. Pricing should be in Canadian funds (CDN), and must be all-inclusive for the period of the contract. Rates must include all costs associated with providing the requirement. Delivery is Free on Board (FOB) Destination.

GST is excluded from the prices herein. Applicable taxes will be added as a separate line item to invoices issued as a result of the contract.

TABLE 1 – Requirement

Item	Description	Qty	Unit of Issue	Unit Price (\$ CAD)	Extended Price (\$ CAD)
Elemental Analyzer					
1	Elemental Analyzer, as per the specifications identified under Annex A, Parts 1-3.	1	Each	\$	\$
Analyzer Accessories					
2	Valves with two stages for oxygen and helium, argon or carbon dioxide gas cylinders.	1	Lot	\$	\$
3	Installation kit containing all items for installation, maintenance and sample preparation.	1	Lot	\$	\$
4	Starter kit containing all chemicals, reaction tubes, sample containers and small parts for initial operation.	1	Lot	\$	\$
5	Set of consumables including chemicals, sample containers and reaction tubes for a minimum of 4000 solid samples of CHNS.	1	Lot	\$	\$
6	Two extra sets of O rings and small wear parts.	1	Lot	\$	\$
7	Control and Evaluation PC English keyboard.	1	Each	\$	\$
8	Conversion kit uninterruptible power supply (UPS) as an accessory component to provide UPS in smaller capacity for the PC and analyzer electronics only.	1	Each	\$	\$

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Delivery				
9	FOB Destination, including all costs associated with delivery to: Agriculture and Agri-Food Canada Beaverlodge Research Farm One Research Road, (Box 29) Beaverlodge, AB T0H 0C0	Lot	----	\$
TOTAL PRICE (Excluding GST)				

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ANNEX "C" to PART 3 OF THE BID SOLICITATION

ELECTRONIC PAYMENT INSTRUMENTS

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

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