



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Bid Receiving Public Works and Government
Services Canada/Réception des soumissions
Travaux publics et Services gouvernementaux
Canada

See herein for bid submission
instructions/

Voir la présente pour les
instructions sur la présentation
d'une soumission

NA

Alberta

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

Public Works and Government Services Canada/Travaux
publics et Services gouvernementaux Canada

Harry Hays Building (HHB)

Room 759, 220-4th Avenue SE

Calgary

Alberta

T2G 4X3

Title - Sujet Gas Pycnometer	
Solicitation No. - N° de l'invitation 5K003-200584/A	Date 2020-11-12
Client Reference No. - N° de référence du client 5K003-200584	
GETS Reference No. - N° de référence de SEAG PW-\$CAL-140-7126	
File No. - N° de dossier CAL-0-43074 (140)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Mountain Standard Time MST on - le 2020-12-01 Heure Normale des Rocheuses HNR	
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: Saboungi, Rana	Buyer Id - Id de l'acheteur cal140
Telephone No. - N° de téléphone (403) 680-8394 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: See herein	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée See Herein – Voir ci-inclus	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 Requirement - Bid

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 Canadian Content

The requirement is subject to a preference for Canadian goods.

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](#) (2020-05-28) 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:

PWGSC Western Region Bid Receiving Unit

Only bids submitted using epost Connect service will be accepted. The Bidder must send an email requesting to open an epost Connect conversation to the following address:

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.

It is the Bidder's responsibility to ensure the request for opening an epost Connect conversation is sent to the email address above at least six days before the solicitation closing date.

Bids transmitted by facsimile or hardcopy to PWGSC will not be accepted.

2.2.1 Best Delivery Date - Bid

(to be completed by bidder)

While delivery is requested by March 1, 2021, the best delivery that could be offered is _____.

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than five (5) 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.

2.5 Bid Challenge and Recourse Mechanisms

- (a) Several mechanisms are available to potential suppliers to challenge aspects of the procurement process up to and including contract award.
- (b) Canada encourages suppliers to first bring their concerns to the attention of the Contracting Authority. Canada's [Buy and Sell](#) website, under the heading "[Bid Challenge and Recourse Mechanisms](#)" contains information on potential complaint bodies such as:
 - Office of the Procurement Ombudsman (OPO)
 - Canadian International Trade Tribunal (CITT)
- (c) Suppliers should note that there are **strict deadlines** for filing complaints, and the time periods vary depending on the complaint body in question. Suppliers should therefore act quickly when they want to challenge any aspect of the procurement process.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

The Bidder must submit its bid electronically 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

Bids transmitted by facsimile or hardcopy will not be accepted.

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

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

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.
- (c) The evaluation team will determine if there are two (2) or more bids with a valid Canadian content certification with the bids coming from two or more Bidders that are not affiliated within the meaning used in the *Competition Act*, R.S.C., 1985, c. C-34. In that event, only those bids with a valid certification will be eligible to be awarded a contract; otherwise, all bids will be eligible. If at any point in the evaluation process it is found, whether by determination of invalidity of certifications, determination that bids are non-responsive or withdrawal of bids by Bidders, that there are no longer two (2) or more responsive bids with a valid certification, then all responsive bids will be eligible to be awarded a contract. Canada may conduct the validation of Canadian content certifications at any time in the evaluation process including doing so concurrently with other steps.

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 the Annex A, "Requirement".
- (b) Bidder must complete and meet the Compliance Matrix in Annex A, "Requirement".

4.1.2 Financial Evaluation

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

The total evaluated price will be determined by:

The firm unit price (B) will be multiplied by the quantity (A) to arrive at the Extended Price (C) for each line item in Tables A, B and C.

The extended price (C) for all line items in all tables will be added together to arrive at the total evaluated price.

4.2 Basis of Selection

- 4.2.1 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/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.

5.2.3 Additional Certifications Precedent to Contract Award

5.2.3.1 Canadian Content Certification

This procurement is conditionally limited to Canadian goods.

Subject to the evaluation procedures contained in the bid solicitation, bidders acknowledge that only bids with a certification that the good(s) offered are Canadian goods, as defined in clause [A3050T](#), may be considered.

Failure to provide this certification completed with the bid will result in the good(s) offered being treated as non-Canadian goods.

The Bidder certifies that:

☐ the good(s) offered are Canadian goods as defined in paragraph 1 of clause [A3050T](#).

5.2.3.1.1 SACC Manual clause [A3050T](#) (2020-07-01), Canadian Content Definition

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 – Contract

The Contractor must provide the items detailed under 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](#) (2020-05-28), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

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.

6.3.2 Supplemental General Conditions

[4001](#) (2015-04-01), Hardware Purchase, Lease and Maintenance, 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 from date of Contract to **TBD** inclusive.

6.4.2 Delivery Date

All the deliverables must be received on or before **TBD**.

6.4.3 Optional Goods and/or Services

The Contractor grants to Canada the irrevocable option to acquire the goods, services or both described at Annex "A" – Requirement 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 within 24 months after contract award by sending a written notice to the Contractor.

6.4.4 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:

Name: Rana Sabounji
Title: Procurement Officer
Public Works and Government Services Canada
Acquisitions Branch
Address: 759, 220 4th Ave SE
Calgary, AB
T2G 4X3

Telephone: 403-680-8394

E-mail address: rana.sabounji@pwgsc-tpsgc.gc.ca

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

6.5.2 Project Authority

The Project Authority for the Contract is:

(to be inserted at contract award)

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

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.

6.5.3 Contractor's Representative

(to be completed by bidder)

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 unit price(s) as specified in Annex "B" – Basis of Payment. 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 Multiple Payments

H1001C (2008-05-12), Multiple Payments

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): ***to be inserted at contract award***

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.

6.8.2 SACC Manual Clauses

[A3060C](#) (2008-05-12), Canadian Content Certification

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 supplemental general conditions [4001](#) (2015-04-01), Hardware Purchase, Lease and Maintenance;
- (c) the general conditions [2010A](#) (2020-05-28), General Conditions - Goods (Medium Complexity);
- (d) Annex A, Requirement;
- (e) Annex B, Basis of Payment;
- (f) the Contractor's bid dated _____ (*insert date of bid*)

6.11 SACC Manual Clauses

[A9039C](#) (2008-05-12), Salvage

[A9068C](#) (2011-05-16), Government Site Regulations

[B7500C](#) (2006-06-16), Excess Goods

[G1005C](#) (2016-01-28), Insurance – No Specific Requirement

6.12 Dispute Resolution

- (a) The parties agree to maintain open and honest communication about the Work throughout and after the performance of the contract.
- (b) The parties agree to consult and co-operate with each other in the furtherance of the contract and promptly notify the other party or parties and attempt to resolve problems or differences that may arise.
- (c) If the parties cannot resolve a dispute through consultation and cooperation, the parties agree to consult a neutral third party offering alternative dispute resolution services to attempt to address the dispute.
- (d) Options of alternative dispute resolution services can be found on Canada's Buy and Sell website under the heading "[Dispute Resolution](#)".

Solicitation No. - N° de l'invitation
5K003-200584/A
Client Ref. No. - N° de réf. du client
5K003-200584

Amd. No. - N° de la modif.
File No. - N° du dossier
CAL-0-43074

Buyer ID - Id de l'acheteur
ca1140
CCC No./N° CCC - FMS No./N° VME

6.13 Electrical Equipment

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.

6.14 Inspection and Acceptance

The Project 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"

REQUIREMENT

The Canadian Grain Commissions (CGC) Grain Research Laboratory Department has a requirement for the supply, delivery, installation and training of (1) Gas Pycnometer equipped with Instrument Operation and Data Reporting software.

OBJECTIVE:

The Milling/Malting and Barley Research Department requires a Gas Pycnometer to accurately measure volume and calculate density using both helium and nitrogen. The gas pycnometer must come with a MultiVolume sample cell option(s) (1cc to 150cc) for the measurement of whole grain and a wide variety of milled grain products.

DELIVERY DATE: To be determined

ORGANIZATIONAL ENVIRONMENT:

Due to the current COVID situation access to building or travel may delay completion of installation and training.

Installation, configuration and training of the system must be performed by the contractor at a date which will be confirmed by the Project Authority.

The contractor is responsible for adhering to all COVID-19 protocols applicable at CGC.

OPTIONAL GOODS:

Option to purchase one additional unit within 24 months from contract award.

DELIVERY: The equipment must be delivered to: Room 1305, 303 Main Street, Winnipeg, Manitoba.

COMPLIANCE MATRIX – MINIMUM MANDATORY PERFORMANCE SPECIFICATIONS

Instructions to Bidders

1. A complete list of the mandatory evaluation criteria are detailed in the Compliance Matrix below.
2. Bids which fail to meet all of the mandatory evaluation criteria will be declared non-responsive.
3. Bidders should demonstrate their understanding of the requirements contained in the bid solicitation and explain how they meet each mandatory evaluation criteria. Bidder should demonstrate their capability in a thorough, concise and clear manner.
4. The technical bid should address clearly and in sufficient depth the points that are subject to the evaluation criteria against which the bid will be evaluated. Simply repeating the statement contained in the bid solicitation or stating, without any substantiating information, that a bidder is compliant will not be sufficient.
5. Substantiating information may include, but is not limited to, specification sheets, technical brochures, photographs or illustrations. If published supporting technical documentation is not available, the Bidder should prepare a written narrative complete with a detailed explanation of how its bid demonstrates technical compliance. All substantiating information should be provided with the bid at solicitation closing date. It is the Bidders responsibility to ensure that the submitted supporting technical documentation provides detail to demonstrate that the proposed product(s) meet the requirements of the evaluation criteria.
6. 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.
7. In order to facilitate the evaluation of the bid, Canada requests that bidders address and present the topics in the order of the evaluation criteria, and include a grid in their proposal, containing the information which demonstrates how the bidder meets each evaluation criteria. Alternatively, and to avoid any duplication, bidders may also refer to the different sections of their bids by identifying the specific paragraph and page number where the subject topic has already been addressed.
8. 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.

COMPLIANCE MATRIX – MINIMUM MANDATORY PERFORMANCE SPECIFICATIONS:

Requirement:	Make Offered:	Model Offered:
Gas Pycnometer		

Item #	Performance Specification	Status (M) Mandatory	Performance Specification Offered: Bidder <u>should</u> indicate how they meet the performance specification by recording this information in this column	Cross Reference: In this column, Bidders <u>should</u> cross-reference where this performance specification is indicated in their supporting documents
1.	GENERAL PERFORMANCE SPECIFICATIONS			
1.1	All equipment must be new (not previously used for demonstration or loan), in that it must not include refurbished equipment, and in that all equipment must be of current manufacture.	M		
1.2	The instrument must be composed of standard equipment requiring no further research or development, must be a model in current production and conform to the current issue of the applicable specification and/or part number of the Original Equipment Manufacturer.	M		
1.3	The Bidder must be an Authorized seller for the Unit they are offering to the Crown. Bidder must provide proof in the bid submission.	M		
2.	INSTRUMENT SPECIFICATIONS			
2.1	The instrument must be designed to evaluate density of whole or ground grains.	M		
2.2	The instrument must be able to operate from 15 to 30°Celsius, and 20 to 80% relative humidity.	M		
2.3	The instrument must have multi-volume chamber options to analyze sample sizes ranging from 1 to maximum 100 cubic centimeters (cc).	M		
2.4	The instrument must include at minimum three separate insert cup sizes, one at 1 to 2 cc, one within 10 to 20 cc, and one within 75 to 150 cc (cc = cm ³).	M		

2.5	The instrument must be able to operate using both helium and nitrogen gas.	M		
2.6	The instrument must be able to be programmed to read consecutive measurements on a single loaded sample. Precision of the consecutive measurements must be within $\pm 0.02\%$ if using a single volume chamber or $\pm 0.2\%$ if using a multi-volume insert cup.	M		
2.7	Accuracy must be within $\pm 0.03\%$ if using a single volume chamber or $\pm 0.3\%$ if using a multi-volume insert cups.	M		
2.8	Instrument must include calibration for cups provided in specification 2.4.	M		
2.9	The instrument must use gas displacement method to measure and provide results of volume and calculated density.	M		
2.10	The instrument must collect and display measured data electronically on instrument screen and computer through operating and reporting software.	M		
2.11	Instrument must be delivered with software and all necessary supplies and accessories required for the installation, start up and specification checkout excluding gas. (i.e hoses, connectors etc)	M		
2.12	Software must be compatible with Windows 10 Enterprise 64 Bit	M		
3.	ELECTRICAL SPECIFICATIONS			
3.1	Instrument electrical requirements must be 110/120 v; 50/60 Hz.	M		
3.2	The equipment must be approved by the Canadian Standards Association (CSA), CSA International OR a National Certification body for the Country of Manufacture (i.e. CE, UL) before shipping to the Canadian Grain Commission (CGC).	M		
3.3	Must provide the electrical and laboratory infrastructure requirements for the gas pycnometer and computer system at time of bid.	M		
4.	DOCUMENTATION AND TECHNICAL MANUALS			
4.1	The Contractor must provide a complete and current set of end-user documentation with each system delivered. Also must provide technical reference manuals from the Original	M		

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	Equipment Manufacturer (OEM) for each item delivered. Manuals to be provided in English.			
5.	WARRANTY			
5.1	Must provide a minimum 1 year full parts and labour warranty, which begins on the date of acceptance of the system.	M		
5.2	Warranty must provide on-site service by certified field service engineers.	M		
5.3	Warranty period must provide telephone consultation, without charge, for system operations and troubleshooting.	M		
6.	TRAINING			
6.1	On-site training must be provided by a qualified service engineer for up to 3 CGC staff. Training must include instruction on all modes of operation of the instrument and all features of the operating /data handling software. The training must be provided in English. Please demonstrate your commitment to meeting this requirement.	M		

ANNEX "B"

BASIS OF PAYMENT

- Bidders *must* complete the below table and submit it with their bid.
- Pricing must remain firm for the period of the contract and must include all costs associated with supplying the items below.
- Pricing does not include GST/HST. Applicable taxes will be added as a separate line item to any invoice issued as a result of a Contract.
- All Firm Unit Prices are in Canadian Dollars (CAD) unless specified otherwise.
- If any line item is left blank, price will be considered to be \$0.00.

Table 1. Firm Goods/Services

Item #	Description	Quantity	Unit Price	Extended Price
1	Gas Pycnometer In accordance with mandatory performance specifications in Annex "A" - Requirement	1	\$ _____	\$ _____
2	On-site Installation and configuration of Gas Pycnometer *On-site at CGC-Winnipeg	1	\$ _____	\$ _____
3	One on-site training session for up to three (3) Canadian Grain Commission staff as per requirement in Annex "A" *On-site at CGC-Winnipeg	1	\$ _____	\$ _____
4	FOB Destination including all delivery and off-loading charges Canadian Grain Commission Room 1305-303 Main Street Winnipeg, MB R3C 3G8			\$ _____
TOTAL PRICE (A)				\$ _____

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Table 2. Optional goods to be delivered on or before March 31, 2022:

Item #	Description	Quantity	Unit Price	Extended Price
1	Gas Pycnometer In accordance with mandatory performance specifications in Annex "A" - Requirement	1	\$ _____	\$ _____
2	FOB Destination including all delivery and off-loading charges Canadian Grain Commission Room 1305-303 Main Street Winnipeg, MB R3C 3G8			\$ _____
TOTAL PRICE (B)				\$ _____

Table 3. Optional goods to be delivered on or before March 31, 2023:

Item #	Description	Quantity	Unit Price	Extended Price
1	Gas Pycnometer In accordance with mandatory performance specifications in Annex "A" - Requirement	1	\$ _____	\$ _____
2	FOB Destination including all delivery and off-loading charges Canadian Grain Commission Room 1305-303 Main Street Winnipeg, MB R3C 3G8			\$ _____
TOTAL PRICE (C)				\$ _____

TOTAL EVALUATED PRICE = (A) + (B) + (C)

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ANNEX “C” to PART 3 OF THE BID SOLICITATION

ELECTRONIC PAYMENT INSTRUMENTS

As indicated in Part 3, clause 3.1.2, the Bidder must identify which electronic payment instruments they are willing to accept for payment of invoices.

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

- () Direct Deposit (Domestic and International);
- () Electronic Data Interchange (EDI);
- () Wire Transfer (International Only);