

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Bid Receiving Public Works and Government
Services Canada/Réception des soumissions
Travaux publics et Services gouvernementaux
Canada
800 Burrard Street, Room 219
800, rue Burrard, pièce 219
Vancouver, BC V6Z 0B9
Bid Fax: (604) 775-7526

REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION

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

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

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

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

Comments - Commentaires

Title - Sujet Piston Gauge	
Solicitation No. - N° de l'invitation K3D33-145001/A	Date 2014-11-14
Client Reference No. - N° de référence du client K3D33-145001	
GETS Reference No. - N° de référence de SEAG PW-\$VAN-524-7370	
File No. - N° de dossier VAN-4-37213 (524)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2014-12-29	Time Zone Fuseau horaire Pacific Standard Time PST
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Yamamoto, Albert	Buyer Id - Id de l'acheteur van524
Telephone No. - N° de téléphone (604) 775-7549 ()	FAX No. - N° de FAX (604) 775-7526
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF THE ENVIRONMENT ATTN: MARK TORGERSON METEOROLOGICAL SERVICES CANADA ATMOSPHERIC MONITORING 140 - 13160 VANIER PLACE RICHMOND BRITISH COLUMBIA V6V 2J2 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address

**Raison sociale et adresse du
fournisseur/de l'entrepreneur**

Issuing Office - Bureau de distribution

Public Works and Government Services Canada - Pacific
Region
219 - 800 Burrard Street
800, rue Burrard, pièce 219
Vancouver, BC V6Z 0B9

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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Buyer ID - Id de l'acheteur

van524

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See attached PDF

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Annex A - Requirement

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PART 1 - GENERAL INFORMATION

1.1 Requirement

Meteorological Services Canada, has a requirement for a Automated piston gauge pressure reference including parts and service as per Annex A to be delivered to Meteorological Services Canada, Atmospheric Monitoring, 140-13160 Vanier Place, Richmond, BC V6V 2J2.

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 (2014-09-25) 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 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 ten (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 British Columbia.

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

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

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

Section I: Technical Bid (3 hard copies)

Section II: Financial Bid (1 hard copy)

Section III: Certification (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.

Section III: Certifications

Bidders must submit the certifications 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

- The instrument must meet or exceed the specifications in Annex A Requirement.

4.1.2 Financial Evaluation

The price of the bid will be evaluated in Canadian dollars, Applicable Taxes excluded, FOB destination, Canadian customs duties and excise taxes included.

Options: Bidders are to submit price for each of the options below however the options will not form part of the evaluation. Environment Canada may or may not purchase the options.

1. Warranty of one year or more
2. The availability of a maintenance agreement
3. Training for the primary operator
4. Installation of the instrument
5. Software and hardware updates as required

4.2. Basis of Selection

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

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

The certifications provided by bidders to Canada are subject to verification by Canada at all times. Canada will declare a bid non-responsive, or will declare a contractor in default in carrying out any of its obligations under the Contract, 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 may render the bid non-responsive or constitute a default under the Contract.

5.1 Certifications Precedent to Contract Award

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

5.1.1 Integrity Provisions - Associated Information

By submitting a bid, the Bidder certifies that the Bidder and its Affiliates are in compliance with the provisions as stated in Section 01 Integrity Provisions - Bid of Standard Instructions 2003. The associated information required within the Integrity Provisions will assist Canada in confirming that the certifications are true.

5.1.2 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 (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) available from Employment and Social Development Canada (ESDC) - Labour's website.

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.

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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 this Contract.

6.2 Requirement

Meteorological Services Canada, has a requirement for a Automated piston gauge pressure reference including parts and service as per Annex A to be delivered to Meteorological Services Canada, Atmospheric Monitoring, 140-13160 Vanier Place, Richmond, BC V6V 2J2.

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 (2014-09-25), General Conditions - Goods (Medium Complexity), 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, 2015. The unit will be inspected upon arrival for obvious signs of impact or damage. All components must arrive without damage and be in a fully functional state. Those not performing in the specified manner will not be accepted.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Albert Yamamoto
Supply Specialist
Public Works and Government Services Canada
219 - 800 Burrard St.
Vancouver, B.C. V6Z 0B9
Tel: (604) 775-7549
Fax: (604) 775-7526
E-Mail: albert.yamamoto@pwgsc.gc.ca

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

6.5.2 Project Authority

The Project Authority for the Contract is:

Name: to be inserted at time of award
Telephone : _____
Facsimile: _____
E-mail address: _____

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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

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

6.6 Payment

6.6.1 Basis of Payment

To supply and deliver quantity one (1) Automated Piston Gauge Pressure

Description	Unit of Issue	Quantity	Unit Price	Total Price
Automated Piston Gauge Pressure	each	1	\$ _____	\$ _____

6.6.2 Single Payment

SACC *Manual* clause [H1000C](#) (2007-11-30) Single Payment

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.

Invoices must be distributed as follows:

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

6.8.1 Compliance

The continuous compliance with the certifications provided by the Contractor in its bid and the ongoing cooperation in providing associated information are conditions of the Contract. Certifications are subject to verification by Canada during the entire period of the Contract. If the Contractor does not comply with any certification, fails to provide the associated information, or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

6.9 Applicable Laws

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

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 – Goods Medium Complexity 2010A (2014-09-25);
- (c) Annex A - Requirement
- (d) the Contractor's bid dated _____

ANNEX A REQUIREMENT

The Meteorological Service of Canada (MSC), Operational Systems Engineering (OSE) has the need to acquire an automated piston gauge pressure reference. This unit is required to support the traceability of pressure values from the manometer reference in the National Research Council (NRC) through to the monitoring stations within the various networks of MSC. The automated function of this device serves to simplify and expedite the process of verifying the instruments used in this process, while reducing human induced errors and improving accuracy. The instrument must be of a high quality and meet the following requirements.

Specifications

1. The instrument must meet or exceed the specifications below (Table A).
2. The instrument must be capable of performing a pressure verification against another instrument in a fully autonomous manner
3. All manuals and connecting cables must be included.

Table A

General Specifications	
Power requirements	110v compatibility
Normal operating temperature range	22 °C +/- 3
Size of instrument	Laboratory bench top
Required communications ports	Minimum of 3 RS-232 COM ports
Pressure range	Minimally, within 600-1100 hPa.
Operating media	Gas: air, helium, nitrogen
Pressure connections	Test port Bell jar vent port Reference vacuum sensor port Bell jar vacuum pump down port
Masses Specification	
Masses	Material: non-magnetic stainless steel- 304L Pressure intervals: 50 hPa equivalent or less Accuracy of measured values of : ± 6 ppm or better. Must be traceable to National Institute of Standards and Technology (NIST) or National Research Council (NRC).

Measurement specifications	
Temperature	<p>Piston- Cylinder Temperature Range: 10 to 40 degrees C Resolution: 0.01 degrees C or better Accuracy: ± 0.1 degrees C or better</p> <p>Ambient Temperature Range: 10 to 40 degrees C Resolution: 0.1 degrees C or better Accuracy: ± 1 degrees C or better</p>
Barometric pressure	<p>Range: 800 hPa to 1050 hPa or better Resolution: 10 Pa or better Accuracy: ± 150 Pa or better</p>
Relative humidity	<p>Range: 5 % to 95 % RH Resolution: 1 % RH or better Accuracy: ± 10 % RH or better</p>
Piston positioning	<p>Range: ± 4.0 mm or greater Resolution: 0.1 mm or better</p>
Piston rotation (rate and deceleration)	<p>Range: 2 to 100 rpm Resolution: 1 rpm or better</p>
Vacuum	<p>Range: 0 to 40 Pa Resolution: 0.01 Pa or better Accuracy: ± 0.2 Pa or better</p>
Piston and cylinder	<p>Range: 600 to 1100 hPa Sensitivity: 0.02 Pa + 0.5 ppm or better Reproducibility: ± 3 ppm or better Measurement uncertainty: ± 0.3 Pa or better Drop rate: 0.4 mm/min or less</p>

Options: Bidders are to submit price for each of the options below however the options will not form part of the evaluation. Environment Canada may or may not purchase the options.

1. Warranty of one year or more
2. The availability of a maintenance agreement
3. Training for the primary operator

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4. Installation of the instrument
5. Software and hardware updates as required

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NOTE TO BIDDERS: Please use ONE of the two mailing labels below and affix it securely to the outside of the envelope or package containing your bid submitted by mail or courier. For bids submitted by facsimile (Bid receiving fax (604) 775-7526), use this sheet as the cover sheet. Always ensure your company name, return address, open bidding solicitation number and closing date appear legibly on the outside of your bid submission.

AVIS AUX FOURNISSEURS: Pour le retour par la poste ou par messenger, veuillez utiliser UNE des étiquettes d'envoi ci-dessous et apposez-la à l'extérieur de votre enveloppe ou du colis contenant votre offre. Pour les offres soumises par télécopieur (n° du télécopieur pour la réception des offres: (604) 775-7526), utilisez cette page comme bordereau de télécopie. Assurez-vous que le nom de votre compagnie, l'adresse de retour, le numéro de l'invitation ouverte à soumissionner et la date de clôture soient lisibles à l'extérieur de votre offre.

Bid Receiving
Public Works & Government Services Canada
219 - 800 BARRARD STREET
VANCOUVER BC V6Z 0B9

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Solicitation Closes at : 2:00 PM PT
on : XX, 2014

Réception des soumissions
Travaux publics et services gouvernementaux Canada
800 rue Burrard, 2e étage
Colombie-Britannique (C.-B) V6Z 0B9

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La réception des soumissions prend fin le : XX, 2014
à : 14:00 PT
