



**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
**Bid Receiving Public Works and Government  
Services Canada/Réception des soumissions  
Travaux publics et Services gouvernementaux  
Canada**  
**Pacific Region**  
**401 - 1230 Government Street**  
**Victoria, B.C.**  
**V8W 3X4**  
**Bid Fax: (250) 363-3344**

## 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 - Pacific  
Region  
401 - 1230 Government Street  
Victoria, B. C.  
V8W 3X4

<b>Title - Sujet</b> Particle Size Analysis System	
<b>Solicitation No. - N° de l'invitation</b> 23145-160198/A	<b>Date</b> 2015-11-13
<b>Client Reference No. - N° de référence du client</b> 23145-160198	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$VIC-250-6842	
<b>File No. - N° de dossier</b> VIC-5-38049 (250)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-12-28</b>	<b>Time Zone Fuseau horaire</b> Pacific Standard Time PST
<b>F.O.B. - F.A.B.</b> Specified Herein - Précisé dans les présentes <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> Sole, Mike	<b>Buyer Id - Id de l'acheteur</b> vic250
<b>Telephone No. - N° de téléphone</b> (250) 508-6183 ( )	<b>FAX No. - N° de FAX</b> (250) 363-3344
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> Natural Resources Canada See Herein	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<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 (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>

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## PART 1 - GENERAL INFORMATION

### 1.1 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 Canada-Panama Free Trade Agreement, the Agreement on Internal Trade (AIT), the Canada-Colombia Free Trade Agreement, the Canada-Peru Free Trade Agreement (CPFTA), and the North America Free Trade Agreement (NAFTA).

## 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 (2015-07-03) 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.

Due to the nature of the bid solicitation, bids transmitted by facsimile to PWGSC will not be accepted.

### 2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than **five (05)** business 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 (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 Exchange Rate Fluctuation**

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

### **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**

See Annex A – Requirement

#### **4.1.2 Financial Evaluation**

*SACC Manual* Clause A0220T (2014-06-26), Evaluation of Price

### **4.2 Basis of Selection – Mandatory Technical Criteria**

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

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

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

The certifications provided by Bidders to Canada are subject to verification by Canada at all times. 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 Declaration of Convicted Offences**

As applicable, pursuant to subsection Declaration of Convicted Offences of section 01 of the Standard Instructions, the Bidder must provide with its bid, a completed [Declaration Form](http://www.tpsgc-pwgsc.gc.ca/ci-if/formulaire-form-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ci-if/formulaire-form-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 – List of Names**

Bidders who are incorporated, including those bidding as a joint venture, must provide a complete list of names of all individuals who are currently directors of the Bidder.

Bidders bidding as sole proprietorship, as well as those bidding as a joint venture, must provide the name of the owner(s).

Bidders bidding as societies, firms or partnerships do not need to provide lists of names.

### **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](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)" list ([http://www.labour.gc.ca/eng/standards\\_equity/eq/emp/fcp/list/inelig.shtml](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.

## **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 Requirement**

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

### **6.2 Requirement**

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 (2015-07-03), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

### **6.4 Delivery**

#### **6.4.1 Mandatory Delivery Date**

**It is MANDATORY that all deliverables be completed on or before February 29, 2016.**

#### **6.4.2 Shipping Instructions - Delivery at Destination**

Goods must be consigned to the destination specified in the Contract and delivered:

Delivered Duty Paid (DDP) destination address Victoria, BC Incoterms 2000 for shipments from a commercial contractor.

### **6.5 Authorities**

#### **6.5.1 Contracting Authority**

The Contracting Authority for the Contract is:

Mike Sole  
Supply Specialist  
Pacific Region Acquisitions - Victoria  
Telephone: (250) 508-6183  
E-mail address: [mike.sole@pwgsc.gc.ca](mailto:mike.sole@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.

In the event that you are unable to contact the above noted Authority, please contact:

PAC.VICCA@tpsgc-pwgsc.gc.ca

### 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

*To be completed by the Bidder in their bid.*

	Name	Telephone & Address	E-mail
Contract Enquiries			
Technical Enquiries			
Invoicing Enquiries			

## 6.7 Payment

### 6.7.1 Basis of Payment – Firm Price

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 A 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.

### 6.7.2 Single Payment

SACC Manual Clause H1000C (2008-05-12), Single Payment

## 6.8 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 submitted as follows for certification and payment.

### EMAIL OR FAX ONLY



All invoices submitted to Natural Resources Canada (NRCan) must include the following information for processing:

- Invoice date
- Invoice number
- Amount due (required currency specified)
- If prepaid by credit card, ensure that the invoice clearly indicated "Paid by Credit Card"
- Valid NRCan reference number (normally the purchase order number). This number is 10 numeric digits long or 9 alphanumeric digits.

If you are unsure which NRCan reference number to include on your invoice, please contact the departmental representative listed on the purchase order or contract. Should any of the information required for processing the payment be missing, the supplier's invoice will be returned at the discretion of NRCan and will remain unpaid until valid payment referencing is provided. All invoices must be submitted using one of the following methods (only one copy of the invoice should be sent to the department):

**1) Email (preferred method): [Invoicing-Facturation@NRCan-RNCan.gc.ca](mailto:Invoicing-Facturation@NRCan-RNCan.gc.ca)**

Note:

1. Departmental contact (project authority) identified in the contract must be cc'd on the email.
2. Suppliers are required to use PDF file format, as other formats are not compatible with and are not recognized by our systems.
3. PDF file name should not contain signs such as #, \$, % etc.
4. Only one invoice per PDF file can be recognized by our systems (an email can contain multiple PDF attachments). All supporting documents should be included with the invoice PDF file.
5. An automatic reply will be sent as notification that their e-mail has been received (and should be kept for reference on any later payment inquiries).
6. This e-mail address is to be used only for submitting invoices.

**2) Fax: 613-947-0987 (in the National Capital Region) 1-877-947-0987 (toll-free)**

Note:

1. Suppliers sending invoices by fax are required to use the highest quality settings available, as low quality copies will not be accepted as valid for payment processing. The invoice is required to be the first page and any supporting documents on the following pages. No fax cover sheet is required.
2. This fax number is to be used only for submitting invoices.
3. **Inquiries regarding payment status should be sent by e-mail to: [Payments@nrcan.gc.ca](mailto:Payments@nrcan.gc.ca).**

**Note: NRCan can no longer accept invoices by courier or regular mail. We appreciate your willingness to support our Green Initiative.**

- One (1) copy must be forwarded to the Contracting Authority identified under the section entitled

## **6.9 Certifications**

### **6.9.1 Compliance**

The continuous compliance with the certifications provided by the Contractor in its bid and the ongoing cooperation in providing additional 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 additional 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.

#### **6.10 Applicable Laws**

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

#### **6.11 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 (2015-07-03), General Conditions – Goods (Medium Complexity);
- (c) Annex A, Requirement;
- (d) Annex B, Basis of Payment;
- (e) the Contractor's bid dated \_\_\_\_\_ .

#### **6.12 SACC Manual Clauses**

B1501C (2006-06-16) Electrical Equipment  
A2000C (2006-06-16) Foreign Nationals (Canadian Contractor)  
A2001C (2006-06-16) Foreign Nationals (Foreign Contractor)  
C2000C (2007-11-30) Taxes – Foreign-based Contractor

## **ANNEX “A” - Requirement**

### **Laser Diffraction Particle Size Analysis System**

Natural Resources Canada (NRCan) requires the supply, delivery, installation, and provision of on-site training and warranty services for one (1) Laser Diffraction Particle Size Analysis System suitable for particle size characterization of soil and soil related matter in the Analytical Chemistry Laboratory at the Pacific Forestry Centre (PFC) in Victoria, BC.

The system will be used as a research tool for the quantitative and qualitative analysis on a wide variety of soil types originating from locations across Canada.

The supplied system shall include all parts, equipment, accessories, hardware and software necessary for the particle size analysis of samples suspended in aqueous systems and in dry powders. Supplier must submit current literature for the make and model of system components being offered with their bid package that clearly demonstrates how their system complies with the required specifications.

**The Supplier must respond in detail to each item in the specifications detailed below. Failure to do so, or failure to reply in sufficient detail, may severely impact on the assessment of the Vendor's system. The provision of company literature only is not acceptable and may result in the Vendor being deemed non-responsive.**

Bidder/supplier must be an authorized distributor or manufacturer of the equipment being offered.

All systems and components must be in accordance with common industry practice including CSA standards and ISO 13320 test method. Systems and components must be factory supplied and warranted for a minimum of 1 year by the Original Equipment Manufacturer (OEM).

The equipment being offered must be new and a current production model. The equipment must include any or all standard equipment normally included, either implied or stated, on the model quoted.

### **Mandatory Technical Evaluation Criteria**

#### **Laser Diffraction Particle Size Analysis (PSA) System**

The PSA System consists of at least, but is not be limited to, the following major components, complete with all software/hardware and interfacing necessary to make a fully integrated system. The specifications itemized below are minimum specifications.

1. Particle Size Analyzer – Section A Part 1
2. Instrument Control and Data Processing Software with computer workstation – Section A Part 2
3. General system requirements – Section B

#	<b>Mandatory Technical Criteria</b> <b>Section A</b> <b>Part 1 – Particle Size Analyzer (PSA)</b>  <i><b>The PSA offered must support all of the following features and performances when operated in conjunction with all other system components requirements detailed in this Annex</b></i>	Criterion Met ?	Documented on page#
1.	Multi wavelength measurement capabilities Performance Requirement: i. Measures with a minimum of 3 different wavelengths simultaneously.		
2.	Must accommodate soil and geological materials with a broad particle size range Performance Requirement: ii. Particle size measurement from 0.02 µm to 2000 µm in a single analytical run.		
3.	Equipped with aqueous sample circulation modules suitable for both small and large sample sizes: Performance Requirement: iii. The modules must be designed for use with approximately 100ml <b>and</b> 1000ml sample volumes iv. The modules must be fully automatic in operation and equipped with automatic sample dilution, filling and rinsing operations. v. The modules must be equipped with sonication for sample dispersion		
4.	Equipped with liquid autosampler designed for unattended operation: Performance Requirement: vi. The autosampler must be fully integrated into the system permitting unattended analysis of a minimum 24 samples		
5.	Instrument uses direct measurement to determine particle size distribution in the sub-micron region		

#	<b>Mandatory Technical Criteria</b> <b>Section A</b> <b>Part 2 – Instrument Control and Data processing Software</b> <i><b>The System offered must support all of the following features and performances when operated in conjunction with all other system components requirements detailed in this Annex</b></i>	Criterion Met?	Documented On page#
6.	Acts as instrument control and data collection software and is stable, reliable and documented (i.e. includes hardcopy or electronic manual)		
7.	Completely compatible with PSA described in Part 1 above and vii. Vendor supplied software must be delivered as part instrument control package consisting of a personal computer, Windows operating system, sufficient system memory and processing capability to ensure optimal system performance as recommended by the factory; compact laser printer; and, MS Office 2010 or later		
8.	General Performance Requirements: viii. Results include distribution tables for cumulative and frequency percentage, diameter, surface area, sieve analysis equivalents and size classes based on user defined specifications ix. Employs both Fraunhofer and Mie calculation models x. User definable operating methods and procedures xi. Data import/export with MS Excel		

#	<b>Mandatory Technical Criteria</b> <b>Section B</b> <b>General Conditions</b>  <i><b>The complete system offered must include and support the following:</b></i>	Criterion Met?	Documented On page#
1	The system is designed for unattended operation and must be fully integrated with the instrument control workstation and software.		
2	Installation and testing by a factory authorized technician includes all necessary wiring, connectors, tubing, fittings or gas regulators for complete turn-key system.		
3	The system must be supplied with any specialized tools, tool kit(s) or maintenance manuals necessary for maintaining routine operation by NRCan		
4	The system (exclusive of PC instrument control workstation) must be designed to fit on a standard laboratory bench top with maximum overall dimensions:  Height: 60 cm Width: 200 cm Depth: 60 cm when system is fully installed and operational		
5	By indicating "met", the supplier agrees to provide pre-installation instrument specifications and site readiness checklist to ensure timely and successful installation of the complete system.  The Contractor must identify all special building or infrastructure requirements (ie external venting, gas supply, water supply, etc) that NRCan is required to have ready for timely and successful installation of complete system		
6	The System must be guaranteed compatible with the laboratory's <b>115 or 208</b> Volt AC 50/60Hz power or must include equipment for conversion to compatible voltage.  Contractor must specifically identify unit electrical requirements, and how they will be met (including component lists etc) if not compatible with the laboratory electrical supply.		
7	Instrument is functionally compliant with ISO Standard 13320, Particle Size Analysis by Laser Diffraction		
8	All electrical equipment supplied under the Contract must be certified or approved for use in accordance with the <u>Canadian Electrical Code</u> , Part 1, before delivery, by a certification organization accredited by the Standards Council of Canada.  The bidder agrees to submitting a certificate evidencing compliance with this requirement upon request from the Technical Authority		

#	<b>Mandatory Technical Criteria</b> <b>Section B</b> <b>General Conditions</b>  <i><b>The complete system offered must include and support the following:</b></i>	Criterion Met?	Documented On page#
9	<p>Performance Verification:</p> <p>Performance verification documentation must be provided (Printed Paper of .PDF file) after system installation and training for on-site acceptance by the NRCAN Technical Authority.</p> <p>The system performance specifications listed below are intended to supplement the Vendor's standard installation tests and are designed to ensure that the system supplied is able to meet the performance levels required.</p> <p>By indicating "met", the supplier agrees to provide written results of actual tests performed on the supplied unit after system installation. Instrument specifications listed in product brochures will not be accepted.</p> <p>After installation, the system must meet or exceed the performance specifications below:</p> <p>Performance requirements for particle size distribution measurements</p> <ul style="list-style-type: none"> <li>a) NIST SRM 1982 (or OEM supplied equivalent) for cumulative volume and particle diameter +/- 5% reference value</li> <li>b) NIST SRM 1691 (or OEM supplied equivalent) for cumulative volume and particle size distribution +/- 5% reference value</li> </ul>		
10	<p>A minimum of 1 day onsite training for 2 operators is required and to be completed simultaneously with installation/validation testing as detailed under B8.</p> <p>Training to be scheduled during standard work hours, approximately 9:00 am – 4:30 pm, Monday-Friday for a minimum 7 hours/day</p> <p>Training to include usage instruction on all software and hardware components, routine maintenance requirements and equipment troubleshooting. Training to include review of maintenance manuals and recommended maintenance schedules. (user and non-user performed)</p>		
11	<p>All deliverables listed in this Annex must be received and on or before <b>February 29, 2016</b>.</p>		
12	<p>Comprehensive on-site warranty by approved Factory Service Representative of one (1) year from date of completion of the contract and acceptance of all deliverables by the NRCAN Technical Authority</p>		

#	<b>Mandatory Technical Criteria</b> <b>Section B</b> <b>General Conditions</b>  <i><b>The complete system offered must include and support the following:</b></i>	Criterion Met?	Documented On page#
13	<p>One (1) year system warranty includes: on-site instrument warranty repair service including all parts, labour and travel; and, access to instrument troubleshooting, application and method development support specialists, either by telephone or on-line.</p> <p>The warranty period will not start until all deliverables have been completed to the satisfaction and acceptance of the NRCan Technical Authority</p> <ul style="list-style-type: none"> <li>- Telephone or on-line technical and application support inquiries must be responded to within one (1) business day of a request (during regular business hours, 9:00 AM-4:00 PM)</li> <li>- On-site warranty service by authorized Factory Service Representative (FSR) must be available within five (5) business days of a service request.</li> </ul>		



## ANNEX "B" BASIS OF PAYMENT

Bidder must complete the Basis of Payment in accordance with the following:

PRICING must be firm all inclusive pricing. Prices MUST include ALL costs (transportation, shipping, freight and offloading, and miscellaneous charges) associated with providing the Goods in accordance with the Requirement at Annex A.

GST, if applicable, is to be shown as a separate item on the resulting invoice.

Bidder must provide prices as per the unit of issue requested. Failure to do so will render the bid non-responsive without further consideration.

FIRM LOT PRICING, GST EXTRA All travel costs must be included in the lot price. Lot Price Includes: All Freight, delivery, and offloading charges				
Item	Description	Quantity	Unit of Issue	Unit Price
1	For the supply and delivery of a:  Laser Particle Size Analyzer in accordance with the requirement at Annex A.	1	LOT	\$
2	Installation, testing and verification in accordance with the requirement at Annex A.	1	LOT	\$
3	On-site Training in accordance with the requirement at Annex A.	1	LOT	\$
TOTAL EVALUATED PRICE \$CDN				\$

**Bidders are requested to provide pricing for the following OPTIONAL items, to be exercised at Canada's sole discretion at time of award. These prices will NOT be used for the purpose of evaluation.**

On-site Extended Warranty service in accordance with Annex A – Section B -13.

Option 1	Optional Extended Warranty, for 1 year period after initial warranty expires (estimated March01/17 to Feb28/18 – actual dates to be input on award)	1	LOT	\$
Option 2	Optional Extended Warranty, for 2nd year period after initial warranty expires (estimated March01/18 to Feb28/19 – actual dates to be input on award)	1	LOT	\$