

**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:**

**Bid Receiving - PWGSC / Réception des
soumissions - TPSGC**
11 Laurier St./ 11 rue, Laurier
Place du Portage, Phase III
Core 0B2 / Noyau 0B2
Gatineau, Québec K1A 0S5
Bid Fax: (819) 997-9776

**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 SCANNING ELECTRON MICROSCOPE	
Solicitation No. - N° de l'invitation C1111-150492/A	Date 2015-10-23
Client Reference No. - N° de référence du client C1111-150492	
GETS Reference No. - N° de référence de SEAG PW-\$\$PV-940-68209	
File No. - N° de dossier pv940.C1111-150492	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-12-07	Time Zone Fuseau horaire Eastern Standard Time EST
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Hooper, Marlyn	Buyer Id - Id de l'acheteur pv940
Telephone No. - N° de téléphone (613) 219-8478 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF CANADIAN HERITAGE 1030 INNES RD OTTAWA Ontario K1A0M5 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

Scientific, Medical and Photographic Division / Division de
l'équipement scientifique, des produits photographiques et
pharmaceutiques
11 Laurier St./ 11 rue, Laurier
6B1, Place du Portage
Gatineau, Québec K1A 0S5

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

Solicitation No. - N° de l'invitation

C1111-150492/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

pv940

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No/ N° VME

C1111-150492

pv940C1111-150492

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PART 1 - GENERAL INFORMATION

1.1 Security Requirement

There is no security requirement associated with this bid solicitation.

1.2 Requirement

The requirement is detailed under the "Annex A".

1.2.1 Option to Extend the Warranty

The Contractor grants to Canada the irrevocable option to extend the Warranty by up to three (3) additional one (1) year periods under the same terms and conditions. The Contractor agrees that, during the extended period of the Contract, it will be paid in accordance with the applicable provisions as set out in the Basis of Payment.

1.3 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 of receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

1.4 Trade Agreements

"The requirement is subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), 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 (2015-07-03) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of 2003, Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: sixty (60) days
Insert: ninety (90) days

2.1.1 SACC Manual Clauses

B1000T Condition of Material 2014-06-26

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 questions 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 the province of Ontario, Canada.

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

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 (two (2) copies)
Section II: Financial Bid (one (1) copy)
Section III: Certifications (one (1) 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 printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

Section I: Technical Bid

The following applies to the Requirement and bidders must provide the following information in the bid:

3.1.1 Installation

On-site installation must be provided and be carried out by a qualified service technician.

State your best installation schedule. Installation will be carried out within _____ calendar days of delivery and be completed within _____ calendar days.

3.1.2 Training

On-site user training must be provided for a minimum of five (5) users and up to ten (10) users. All costs associated with the on-site training must be included in the price.

On-site training will be completed within _____ calendar days of installation.

Provide complete details of training e.g. duration, scope, etc.,

3.1.3 Service (*During the warranty*)

Purchase of the system must include: technical support; technical phone support; support via the Internet; and support via a fax-back document system. Service cost must be included in the price.

Response for service must be within 24 hours or less.

Also, provide the following with your bid:

- a) Location of available service facilities (after sales service and repair). List the service facilities closest to the destination.

- b) Locations of available replacement parts from consumables to major components.

- c) Response time re: service calls, and escalation schedule, i.e. (how many days with no resolution to a problem until a more experienced person is called in, and from which location).

- d) List the frequency of routine maintenance visits provided by a qualified service technician during the warranty period, if applicable and included in the price.

3.1.4 Product(s) Offered

The Bidder must indicate the make and model number of the products offered (identify specific components which make up the system):

Name of Manufacturer: _____
Model/Part Number: _____
Literature attached: Yes (☐) No (☐)

3.1.5 Point of Manufacture/Shipping

The Bidder must state the point of manufacture/shipping of goods:

Location: _____
Postal Code: _____

3.1.6 Delivery

While delivery is requested by March 31, 2016, the best delivery that could be offered by the Bidder is _____.

3.1.7 Contacts

Bidders are requested to provide the following: Information pertaining to Article 6.5.3 Contractor Representatives under Part 6, Resulting Contract Clauses.

Section II: Financial Bid

The Bidder must quote a firm lot price all inclusive of supply, installation, training and manuals, DDP (Ottawa, Ontario), the total amount of applicable taxes must be shown separately. Freight charges to destination and all applicable Customs duties and Excise taxes must be included.

A firm unit price must be filled in for each of the option periods. If the bidder fails to quote a firm unit price for each of the option periods, the bidder will be considered non-compliant and no further consideration will be given.

3.2.1 Exchange Rate Fluctuation

C3011TExchange Rate Fluctuation

2013-11-06

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

All proposals submitted must be completed in full and provide all of the information requested in the Request for Proposal (RFP) package to enable a full and complete evaluation. If the requirement is not addressed in the Bidder's proposal, the proposal will be considered incomplete or non-responsive and will be rejected. The onus is on the Bidder to provide all the information necessary to ensure a complete and accurate assessment.

Confirm that you have read and understood by checking the: Yes _____

Factors for Evaluation

- 1. PRICING BASIS (MANDATORY): Prices must be firm, DDP Delivered Duty Paid.
- 2. ABILITY TO MEET THE TECHNICAL REQUIREMENT (MANDATORY):

- a) For Items Defined by Specifications:

The bidder is requested to cross reference the mandatory technical criteria contained herein to their supporting technical documentation.

- b) Provision of Supporting Technical Documentation:

Supporting technical documentation for the stores offered must be provided with the bid at time of bid closing.

Technical brochures or technical data MUST be provided to verify compliancy to the technical mandatory specifications.

Included: Yes:_____

- 3. COMPLIANCE WITH THE TERMS AND CONDITIONS OF THIS REQUEST FOR PROPOSAL (MANDATORY)
- 4. Please note that the requirements of the Federal Contractors Program for Employment Equity may apply - (see Part 5).

4.1.1.1 Mandatory Technical Criteria

See Annex B

4.1.2 Financial Evaluation

Evaluation of Price

The price of the bid will be evaluated in Canadian dollars, Applicable Taxes excluded, DDP (Ottawa, Ontario) Incoterms® 2000, Canadian customs duties and excise taxes included.

Unless the bid solicitation specifically requires bids to be submitted in Canadian currency, bids submitted in foreign currency will be converted to Canadian currency for evaluation purposes. The rate given by the Bank of Canada in effect on the bid solicitation closing date, or on another date specified in the bid solicitation, will be applied as a conversion factor to the bids submitted in foreign currency.

for bid evaluation purposes only, the total bid price will be determined by adding the cost for the firm quantity total with the cost for the option periods.

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 aggregate evaluated price (including the option periods) 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](#), 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" 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.

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

6.2.1 Requirement

The Contractor must provide the items detailed under the "Annex A".

6.2.2 Installation

On-site installation must be provided and be carried out by a qualified service technician.

6.2.3 Manuals

One complete set of user documentation in either English must be supplied.

6.2.4 Training

On-site user training must be provided for a minimum of five (5) users and up to ten (10) users.

6.2.5 Service (*During the warranty*)

Purchase of the system must include: technical support; technical phone support; support via the Internet; and support via a fax-back document system. Service cost must be included in the price.

Response for service must be within 24 hours or less.

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>) 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.

Subsection 9 of 2010A (2014-09-25) General Conditions - Goods or Services, is amended as follows:

Delete: Subsection 9 in his entirety.

Insert: " The Work is subject to inspection and acceptance by Canada. Despite prior acceptance of the Work and without restricting any conditions or warranty imposed by law, the Contractor, if requested by the Minister to do so, must replace, repair or correct at its option and its own expense any Work which becomes defective or which fails to conform to the Contract requirements, where applicable. For goods, the on-site warranty period will be one (1) year after delivery and acceptance or the length of the Contractor's or manufacturer's standard warranty period, whichever is longer. The on-site warranty covers parts, labor and all related expenses. Any Work replaced, repaired or corrected pursuant to this section is subject to all provisions of the contract to the same extent as Work initially performed."

6.4 Term of Contract

6.4.1 Delivery Date

All the deliverables must be received on or before _____ (*to be filled in only at contract award*).

6.4.2 Option to Extend the Contract

The Contractor grants to Canada the irrevocable option to extend the term of the Warranty by up to three (3) additional one (1) year periods under the same terms and conditions. The Contractor agrees that, during the extended period of the Contract, it will be paid in accordance with the applicable provisions as set out in the Basis of Payment.

Canada may exercise this option at any time by sending a written notice to the Contractor at least thirty (30) calendar days before the Contract expiry date. The option may only be exercised by the Contracting Authority, and will be evidenced for administrative purposes only, through a contract amendment.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Marlyn Hooper
Public Works and Government Services Canada
Acquisitions Branch
Commercial Consumer Products Directorate
11 Laurier Street, 6A2, Phase III
Place du Portage, Gatineau, Quebec, K1A 0S5

Telephone: (613) 219-8478
Facsimile: (819) 956-3814
E-mail address: marlyn.hooper@pwgsc.gc.ca

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

6.5.2 Technical Authority (to be filled in only at contract award)

The Technical Authority for the Contract is:

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

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 (fill in)

The telephone number of the person responsible for:

General enquiries

Name: _____
Telephone No. _____
Facsimile No. _____
E-mail address: _____

Delivery Follow-up

Name: _____
Telephone No. _____
Facsimile No. _____
E-mail address: _____

6.10 Priority of Documents

If there is a discrepancy between the wordings 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) 2010A (2015-07-03) General Conditions - Goods (Medium Complexity);
- (c) Annex A, Requirement / Basis of Payment;
- (d) Annex B, Mandatory Specifications;
- (e) the Contractor's bid dated _____ (*insert date of bid*)

6.11 SACC Manual clause

B1501C	Electrical Equipment	2006-06-16
A9068C	Government Site Regulations	2010-01-11
A2000C	Foreign Nationals (Canadian Contractor)	2006-06-16
A2001C	Foreign Nationals (Foreign Contractor)	2006-06-16
G1005C	Insurance	2008-05-12

6.12 Shipping Instructions

6.12.1 Shipping Instructions - Delivery at Destination

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

Delivered Duty Paid (DDP) Ottawa, Ontario Incoterms 2000 for shipments from a commercial contractor.
2. The Contractor will be responsible for all delivery charges, administration, costs and risk of transport and customs clearance, including the payment of customs duties and taxes.

ANNEX A

REQUIREMENT / BASIS OF PAYMENT

Department of Canadian Heritage has a requirement for the supply, installation of one (1) new Scanning Electron Microscope and the removal of the old equipment, with on-site user training for a minimum of five (5) users and up to ten (10) users. This requirement also include the trade-in of the old equipment and an option to extend the warranty by up to three (3) additional one (1) year periods.
Complete detailed specifications are identified in the Request for Proposal document.
Delivery is requested by March 31, 2016 to Ottawa, Ontario

Item	Description	Qty	Firm Lot Price
1	Scanning Electron Microscope in accordance with the mandatory specification at Annex B Include: Installation, on-site training, manuals and one year warranty	1	\$
Item	Description	Qty	Discount
2	Trade-In Equipment (Working / Functional) Hitachi-S3500N with secondary electron and backscattered electron detectors.(it was a demonstration model before it was purchase by the Canadian Conservation Institute in 2001, it operates in Windows XP environment)	1	\$

Total: \$

Option to extend the Warranty

2010A (2015-07-03) General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

Subsection 9 of 2010A (2014-09-25) General Conditions - Goods or Services, is amended as follows:

Delete: Subsection 9 in his entirety.

Insert: " The Work is subject to inspection and acceptance by Canada. Despite prior acceptance of the Work and without restricting any conditions or warranty imposed by law, the Contractor, if requested by the Minister to do so, must replace, repair or correct at its option and its own expense any Work which becomes defective or which fails to conform to the Contract requirements, where applicable. For goods, the on-site warranty period will be one (1) year after delivery and acceptance or the length of the Contractor's or manufacturer's standard warranty period, whichever is longer. The on-site warranty covers parts, labor and all related expenses. Any Work replaced, repaired or corrected pursuant to this section is subject to all provisions of the contract to the same extent as Work initially performed."

Description	Qty	Firm Unit Price (1 st Option year)	Firm Unit Price (2 nd Option year)	Firm Unit Price (3 rd Option year)
Extended Warranty	1	\$	\$	\$

ANNEX B

MANDATORY SPECIFICATIONS (Scanning Electron Microscope)

Vendors must cross reference the mandatory technical criteria in a concise format by using page, paragraph(s) & sub-paragraphs as applicable to their supporting technical documentation.

1.0 SEM minimum specifications

- 1.1** Resolution must be 2 nm or better at 30 kV in high vacuum mode. Increasingly, modern materials are finding their way into objects of cultural significance. These materials can have an extremely fine structure. High resolution is critical for proper analysis, and a 3 nm resolution is no longer ideal for our needs. Therefore, an image demonstrating 2 nm or better resolution must be submitted with the bid, and an image demonstrating 2 nm or better resolution must be acquired during the installation process.

Reference in Contractors Proposal: _____

- 1.2** Must have a 5 to 300,000 × magnification range (based on a 4" by 5" picture).

Reference in Contractors Proposal: _____

- 1.3** Must have a 0.3 to 30 kV voltage range.

Reference in Contractors Proposal: _____

- 1.4** Must come with an Everhart-Thornley secondary electron detector and a backscattered electron detector.

Reference in Contractors Proposal: _____

- 1.5** Must have a 10 to 400 Pa pressure range available for low vacuum analysis.

Reference in Contractors Proposal: _____

- 1.6** Must have a beam blanking function that deflects the beam when not imaging to protect the sample.

Reference in Contractors Proposal: _____

- 1.7** Must have a fully retractable "drawer-type" sample stage to allow safe insertion of fragile and irreplaceable museum objects into the chamber.

Reference in Contractors Proposal: _____

- 1.8** Must have a chamberscope to view the sample stage when it is inside the closed chamber.

Reference in Contractors Proposal: _____

- 1.9** Must have a 5-axis motorized stage (x, y, z axes, rotation and tilt).

Reference in Contractors Proposal: _____

- 1.10** The stage must rotate 360 degrees, and have a tilt range of -10 to +90 degrees or better.

Reference in Contractors Proposal: _____

- 1.11** The instrument must be able to accommodate samples 200 mm in diameter and 80 mm high.

Reference in Contractors Proposal: _____

- 1.12** Must have an auto brightness and contrast function, an auto focus function, and an auto astigmatism correction function.

Reference in Contractors Proposal: _____

- 1.13** Must have an auto filament saturation function and an auto beam alignment function.

Reference in Contractors Proposal: _____

- 1.14** Must have a console of knobs that allows immediate access to the most frequently used imaging functions.

Reference in Contractors Proposal: _____

- 1.15** Must operate without the need for a water chiller.

Reference in Contractors Proposal: _____

- 1.16** If an air compressor is required, the compressor must fit in a space 46 cm wide by 50 cm deep by 59 cm high.

Reference in Contractors Proposal: _____

- 1.17** Must have a Windows 7 operating system to comply with our network requirements.

Reference in Contractors Proposal: _____

- 1.18** It must be possible to save images in TIF, JPG and BMP formats.

Reference in Contractors Proposal: _____

- 1.19** The instrument must have built in protection against power and vacuum failure.

Reference in Contractors Proposal: _____

2.0 Interface with existing EDS and WDS instruments

Everything that is necessary for optimal physical and electronic/software connection to our existing EDS and WDS systems must be provided. The SEM vendor is responsible for coordinating with Oxford Instruments in regard to the EDS and WDS detectors' removal from the old instrument and installation on the new instrument. Oxford Instruments shall decide what conditions are optimal for interface with our existing Oxford systems, and the SEM vendor must abide by Oxford Instruments' decisions.

The entire cost must be included in the bid (no additional fees will be allowed during the installation)

- 2.1** The SEM must be fully compatible with an Oxford Instruments brand **INCA X-ACT 51-ADD0006** model EDS and an Oxford Instruments brand "right-handed" **INCA Wave** model WDS. Physical and electronic/software connection of the SEM with these devices must be guaranteed.

Reference in Contractors Proposal: _____

3.0 EDS/WDS software upgrade

The Canadian Conservation Institute will be upgrading its Oxford EDS/WDS software from Inca to AZtec (this will necessitate replacement of the dedicated Oxford computer and the Oxford signal processing boxes). The new Oxford computer must have a Windows 7 operating system to be network compliant. The new Oxford computer must come with Microsoft Word and Microsoft Excel. This upgrade must be bundled with the SEM and incorporated into the bid (Oxford Instruments has already been made aware of the upgrade we wish to make).

Reference in Contractors Proposal: _____

4.0 Additional components

- 4.1** If our current printer (an HP LaserJet 4050) is not be compatible with the instrument, then a printer must be supplied.

Reference in Contractors Proposal: _____

- 4.2** A package of 10 to 12 tungsten filaments must be included.

Reference in Contractors Proposal: _____

- 4.3** If 2 nm resolution is achieved with a non-tungsten filament, then one extra filament of this type must be included.

Reference in Contractors Proposal: _____

- 4.4** An extra Wehnelt cap must be included.

Reference in Contractors Proposal: _____

- 4.5** Stub holders must be included, and it is assumed that some stubs (preferably 12 mm in diameter) will also be provided.

Reference in Contractors Proposal: _____

- 4.6** One large stub, about 50 mm in diameter, must be included.

Reference in Contractors Proposal: _____

Solicitation No. - N° de l'invitation
C1111-150492/A
Client Ref. No. - N° de réf. du client
C1111-150492

Amd. No. - N° de la modif.
File No. - N° du dossier
pv940.C1111-150492

Buyer ID - Id de 'acheteur
pv940
CCC No./N° CCC - FMS No/N° VME

ANNEX C

**COMPLETE LIST OF DIRECTORS
(As per Standard Instructions, Clauses and Conditions Part 2)**

Name	Position
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____