

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
800 Burrard Street, Room 219
800, rue Burrard, pièce 219
Vancouver, B. C.
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 Microscope System	
Solicitation No. - N° de l'invitation 01550-150284/A	Date 2014-11-18
Client Reference No. - N° de référence du client 01550-150284	
GETS Reference No. - N° de référence de SEAG PW-\$XSB-005-7372	
File No. - N° de dossier XSB-4-37205 (005)	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: Armstrong, Wendy	Buyer Id - Id de l'acheteur xsb005
Telephone No. - N° de téléphone (604) 775-7691 ()	FAX No. - N° de FAX (604) 775-7526
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF AGRICULTURE AND AGRI-FOOD PACIFIC AGRI-FOOD RESEARCH CENTRE PO BOX 5000 4200 HWY 97 SUMMERLAND British Columbia V0H1Z0 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
800 Burrard Street, Room 219
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

Solicitation No. - N° de l'invitation

01550-150284/A

Amd. No. - N° de la modif.

File No. - N° du dossier

XSB-4-37205

Buyer ID - Id de l'acheteur

xsb005

CCC No./N° CCC - FMS No/ N° VME

01550-150284

See attached pdf

Solicitation No. - N° de l'invitation
01550-150284
Client Ref. No. - N° de réf. du client
01550-150284

Amd. No. - N° de la modif.
File No. - N° du dossier
XSB-4-37205

Buyer ID - Id de l'acheteur
XSB005
CCC No./N° CCC - FMS No./N° VME

TABLE OF CONTENTS

TITLE: Microscope

PART 1 - GENERAL INFORMATION

- 1.1. Requirement
- 1.2. Debriefings
- 1.3. Trade Agreements

PART 2 - BIDDER INSTRUCTIONS

- 2.1. Standard Instructions, Clauses and Conditions
- 2.2. Submission of Bids
- 2.3. Enquiries - Bid Solicitation
- 2.4. Applicable Laws
- 2.5. Maximum Funding

PART 3 - BID PREPARATION INSTRUCTIONS

- 3.1. Bid Preparation Instructions

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

- 4.1. Evaluation Procedures
- 4.2. Basis of Selection

PART 5 - CERTIFICATIONS

- 5.1. Certifications Required Precedent to Contract Award

PART 6 - RESULTING CONTRACT CLAUSES

- 6.1. Security Requirement
- 6.2. Requirement
- 6.3. Standard Clauses and Conditions
- 6.4. Term of Contract
- 6.5. Authorities
- 6.6. Payment
- 6.7. Invoicing Instructions
- 6.8. Certifications
- 6.9. Applicable Laws
- 6.10. Priority of Documents

List of Annexes:

Annex A Technical Compliance Form

Solicitation No. - N° de l'invitation
01550-150284
Client Ref. No. - N° de réf. du client
01550-150284

Amd. No. - N° de la modif.
File No. - N° du dossier
XSB-4-37205

Buyer ID - Id de l'acheteur
XSB005
CCC No./N° CCC - FMS No./N° VME

PART 1 - GENERAL INFORMATION

1.1 Requirement

A large number of ongoing projects at the Pacific Agri- Food Research Centre (PARC), Summerland, British Columbia entail the utilization of confocal microscopy for high-resolution visualization of cellular compartments and components, macromolecular interactions, intracellular transport and cell-to-cell movement. Many of the projects use fluorescent proteins in the study of plant material with background chloroplast auto fluorescence. Given the increased demand and diverse application strategies targeted by numerous ongoing and anticipated research projects at the PARC, the centre is seeking to procure a state of the art confocal microscope that can accommodate a large number of diverse applications and research needs.

Pacific Agri-Food Research Centre, has a requirement to supply and deliver one (1) Confocal Microscope System as per specifications in Annex A to Agriculture and Agri-Food Research Centre, PO Box 5000, 4200 Hwy 97, Summerland BC V0H 1Z0.

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 World Trade Organization Agreement (WTO), North American Free Trade Agreement (NAFTA), and the Agreement on Internal Trade (AIT)."

Solicitation No. - N° de l'invitation
01550-150284
Client Ref. No. - N° de réf. du client
01550-150284

Amd. No. - N° de la modif.
File No. - N° du dossier
XSB-4-37205

Buyer ID - Id de l'acheteur
XSB005
CCC No./N° CCC - FMS No./N° VME

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.

2.5 Maximum Funding

The maximum funding available for the Contract resulting from the bid solicitation is \$554,666.00 (Applicable Taxes extra). Bids valued in excess of this amount will be considered non-responsive. This disclosure does not commit Canada to pay the maximum funding available.

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

a. Substantiation of Technical Compliance Form: The technical bid must substantiate the compliance of the Bidder and its proposed solution with the specific articles of Annex A (Requirement) identified in the Substantiation of Technical Compliance Form, which is the requested format for providing the substantiation. The Substantiation of Technical Compliance Form is not required to address any parts of this bid solicitation not referenced in the form.

Where Canada determines that the substantiation is not complete, the Bidder will be declared non-responsive and disqualified. The substantiation may refer to additional documentation submitted with the bid - this information can be referenced in the "Reference" column of the Substantiation of Technical Compliance Form, where bidders are requested to indicate where in the bid the reference material can be found, including the title of the document, and the page and paragraph numbers; where the reference is not sufficiently precise, Canada may request that the Bidder direct Canada to the appropriate location in the documentation.

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

a. Each bid will be reviewed for compliance with the mandatory requirements of the bid solicitation. Any element of the bid solicitation that are identified specifically with the words "must" or "mandatory" is a mandatory requirement. Bids that do not comply with each and every mandatory requirement will be declared non-responsive and be disqualified.

b. The mandatory requirements are described in Technical Compliance Form Annex A.

4.1.1.2 Equivalent Products

1. Products that are equivalent in form, fit, function and quality to the item(s) specified in the bid solicitation will be considered where the Bidder:
 - a. designates the brand name, model and/or part number of the substitute product;
 - b. states that the substitute product is fully interchangeable with the item specified;
 - c. provides complete specifications and descriptive literature for each substitute product;
 - d. provides compliance statements that include technical specifics showing the substitute product meets all mandatory performance criteria that are specified in the bid solicitation; and
 - e. clearly identifies those areas in the specifications and descriptive literature that support the substitute product's compliance with any mandatory performance criteria.
2. Products offered as equivalent in form, fit, function and quality will not be considered if:
 - a. the bid fails to provide all the information requested to allow the Contracting Authority to fully evaluate the equivalency of each substitute product; or
 - b. the substitute product fails to meet or exceed the mandatory performance criteria specified in the bid solicitation for that item.

In conducting its evaluation of the bids, Canada may, but will have no obligation to, request bidders offering a substitute product to demonstrate, at the sole cost of bidders, that the substitute product is equivalent to the item specified in the bid solicitation.

4.1.1.2 Point Rated Technical Criteria

Each bid will be rated by assigning a score to the rated requirements, which are identified in the bid solicitation by the word "rated" or by reference to a score. Bidders who fail to submit complete bids with all the information requested by this bid solicitation will be rated accordingly. The rated requirements are described in Annex A.

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.

Solicitation No. - N° de l'invitation
01550-150284
Client Ref. No. - N° de réf. du client
01550-150284

Amd. No. - N° de la modif.
File No. - N° du dossier
XSB-4-37205

Buyer ID - Id de l'acheteur
XSB005
CCC No./N° CCC - FMS No./N° VME

4.2. Basis of Selection

To be declared responsive, a bid must:

- a. comply with all the requirements of the bid solicitation;
- b. meet all mandatory technical evaluation criteria

Bids not meeting (a) or (b) will be declared non responsive. The responsive bid with the highest number of points will be recommended for award of a contract, provided that the total evaluated price does not exceed the budget available for this requirement.

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](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) available from [Employment and Social Development Canada \(ESDC\) - Labour's](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) 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](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)" list at the time of contract award.

PART 6 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

6.1 Security Requirements

6.1.1 There is no security requirement applicable to this Contract.

6.2 Requirement

A large number of ongoing projects at the Pacific Agri- Food Research Centre (PARC), Summerland, British Columbia entail the utilization of confocal microscopy for high-resolution visualization of cellular compartments and components, macromolecular interactions, intracellular transport and cell-to-cell movement. Many of the projects use fluorescent proteins in the study of plant material with background chloroplast auto fluorescence. Given the increased demand and diverse application strategies targeted by numerous ongoing and anticipated research projects at the PARC, the centre is seeking to procure a state of the art confocal microscope that can accommodate a large number of diverse applications and research needs.

Pacific Agri-Food Research Centre, has a requirement to supply and deliver one (1) Confocal Microscope System as per specifications in Annex A to Agriculture and Agri-Food Research Centre, PO Box 5000, 4200 Hwy 97, Summerland BC V0H 1Z0.

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 (2014-09-25), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

6.3.2 Supplemental General Conditions

4002 (2010-08-16) Licensed software 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.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Wendy Armstrong
Supply Specialist
Public Works and Government Services Canada
219 - 800 Burrard St.
Vancouver, B.C. V6Z 0B9
Tel: (604) 775-7691
Fax: (604) 775-7526
E-Mail: wendy.armstrong@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.

Solicitation No. - N° de l'invitation
01550-150284
Client Ref. No. - N° de réf. du client
01550-150284

Amd. No. - N° de la modif.
File No. - N° du dossier
XSB-4-37205

Buyer ID - Id de l'acheteur
XSB005
CCC No./N° CCC - FMS No./N° VME

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: _____

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) Confocal Microscope System as per Annex A.

Firm Lot Price: \$ _____

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.

Solicitation No. - N° de l'invitation
01550-150284
Client Ref. No. - N° de réf. du client
01550-150284

Amd. No. - N° de la modif.
File No. - N° du dossier
XSB-4-37205

Buyer ID - Id de l'acheteur
XSB005
CCC No./N° CCC - FMS No./N° VME

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 4003 (2010-08-16) Licensed Software;
- (c) the general conditions – Goods Medium Complexity 2010A (2014-09-25);
- (d) Annex A, Technical Compliance Form;
- (e) the Contractor's bid dated _____

Annex A Technical Compliance Form

1. MANDATORY TECHNICAL SPECIFICATIONS

Item No.	Description	Met	Specify Page Number in your proposal. <i>(Note to Bidders: this information is for evaluation purposes only and will be removed at the time of contract award)</i>
1A	System Requirements		
1	The system must have the microscope and scan unit contained on a single anti-vibration table. The full system must fit into a 10' x 12' room. A second table must be supplied to support computer interfacing, control panels, monitors, keyboards, etc.	Yes ___ No ___	
2	The system must have high resolution real-time optical sectioning of fixed and live specimens (cells, tissues, organs) using scanned laser confocal technology.	Yes ___ No ___	
3	The system must be able to simultaneously perform laser stimulation and imaging for photo activation/stimulation experiments as well as FRET, FRAP, FLIP and FISH.	Yes ___ No ___	
4	The system must have spectral detection with a minimum of 5nm resolution. The system must be able to acquire 4 512x512 channels simultaneously at 4fps.	Yes ___ No ___	
5	All lasers must be modulated using AOTF-acousto optical tunable filter. This requirement is for the high speed attenuation and modulation of all laser lines.	Yes ___ No ___	
6	The following lasers or equivalent must be supplied. Solid State 405nm, 561nm, 633nm lasers and Multi-line Argon Gas Laser	Yes ___ No ___	
7	The system must have a PMT detector for transmitted light, and have the ability to acquire simultaneous fluorescence and DIC images.	Yes ___ No ___	
8	The system must be capable of the following scan modes, xyz, xyt, xyzt, xz, xzt, xylambda, xzlambada, and ROI scanning.	Yes ___ No ___	
9	The system must be capable of region-of-interest (ROI) scanning for photo-bleaching and photo-activation with the ability to independently select and control the laser line independently for each ROI.	Yes ___ No ___	
10	For emission detection, the system must have at least two PMT's and two cooled GaAsP or equivalent detectors. System must be capable of acquiring images with galvos at a minimum frame rate of 4fps at 512x512 pixels. Field of view must be a minimum of 18mm and maximum pixel format must be at least 4096x4096.	Yes ___ No ___	

11	The software provided must permit 3D rendering of data in stereo and rotation projections and be capable of time course imaging and region of interest (ROI) scanning. Software must include real-time ratio software, FRET, FLIP and FRAP wizards, spectral scanning and un-mixing algorithms, and co-localization analysis.	Yes ___ No ___	
12	The system must be fully motorized and include a motorized XY stage for multi-area time lapse and large mosaic imaging. A high speed, precise Z stage (Galvo/Piezo or equivalent). Focus drift compensation must be included. The microscope must have a stage frame capable of accepting slides and 35mm dishes.	Yes ___ No ___	
13	The microscope must be a fully motorized inverted fluorescence microscope with Differential Interference Contrast (DIC) and epi-fluorescence. DIC must be fully automated. It must include the following confocal grade objectives: 10X (0.4 NA), 20X (0.7 NA), 60/63X water (1.2 NA). Polarizers and prisms must be included for the objectives to allow for DIC viewing by eye or laser scanning. Filter sets must be provided for visualizing of YFP, GFP, CFP, DAPI, DsRed, RFP, EosFP, and TRITC when looking thru eyepieces.	Yes ___ No ___	
1B	Workstation Support		
i)	The work station must be network ready, have at least 2 free USB 3 or faster ports for data storage.	Yes ___ No ___	
ii)	Operating system: Windows 7 Professional, Media, 64-bit, English	Yes ___ No ___	
2	OTHER MANDATORY TECHNICAL REQUIREMENTS		
2.1	Manuals:		
	Operational Manual(s) must be provided in English for all systems.	Yes ___ No ___	
2.2	Installation and Training:		
	(i) Installation - The system must be fully installed and tested on-site to verify performance and conformance to the Mandatory and Point Rated Technical Specifications	Yes ___ No ___	
	(ii) Training - The contractor must provide 2 days of on-site familiarization training on use of the microscope and software.	Yes ___ No ___	
2.3	Additional Warranty:		
	In addition to the 1 year manufacturer's warranty, the contractor must provide an additional 2 year warranty on parts and labour. Warranty must include all costs including shipping and travel.	Yes ___ No ___	

2.0 Technical Point Rated Specification			
	Microscope		Reference
2.1	In addition to the lasers specified in item 6 above, points will be awarded to bidders who provide additional laser lines and or replace gas laser with solid state lasers.	Up to 50	
2.2	In addition to the objective lenses specified in item 13 above, points will be awarded to bidders who provide better alternative objectives or additional objectives. Evaluation will consider numerical aperture, chromatic aberration, spherical aberration, working distance, and live cell imaging.	Up to 50	
2.3	In addition to the minimum mandatories of item 10 above, points will be awarded to bidders who provide faster image acquisition speeds. Evaluation will consider efficiency, linearity as well as zoom and rotation at the faster speeds.	Up to 50	
2.4	Points will be awarded to bidders who provide additional modes of operation, these may include but are not limited to: a. "Super Resolution" modes, including but not limited to STED and SIM. b. 2 Photon Microscopy, FLIM	Up to 100	
2.5	Points will be awarded to bidders who provide additional GAsP or equivalent high sensitivity detectors. Evaluation will consider use of these high sensitivity detectors in spectral detection, as well as ability to work in gated mode.	Up to 50	
2.6	Points will be awarded to bidders that supply extra years of warranty beyond requirement in Minimum Mandatory section. Points will be assigned at 25 per year of warranty.	Up to 50	
	TOTAL POINTS	350	

Solicitation No. - N° de l'invitation
01550-150284
Client Ref. No. - N° de réf. du client
01550-150284

Amd. No. - N° de la modif.
File No. - N° du dossier
XSB-4-37205

Buyer ID - Id de l'acheteur
XSB005
CCC No./N° CCC - FMS No./N° VME

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 BURRARD STREET
VANCOUVER BC V6Z 0B9**

Solicitation No. : 01550-150284/A

**Solicitation Closes at : 2:00 PM PT
on : 29 Dec, 2014**

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

N° de l'invitation : 01550-150284/A

**La réception des soumissions prend fin le : 29 Dec, 2014
à : 14:00 PT**
