



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

Bid Receiving - PWGSC / Réception des soumissions -  
TPSGC  
11 Laurier St./ 11 rue, Laurier  
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Gatineau, Québec K1A 0S5  
Bid Fax: (819) 997-9776

**SOLICITATION AMENDMENT  
MODIFICATION DE L'INVITATION**

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

**Comments - Commentaires**

**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  
L'Esplanade Laurier  
140 O'Connor Street,  
East Tower, 7th Floor  
Ottawa  
Ontario  
K1A 0S5

<b>Title - Sujet</b> Digital Microscopy Systems	
<b>Solicitation No. - N° de l'invitation</b> 01E86-200376/A	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> 01E86-200376	<b>Date</b> 2019-10-31
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$PV-904-77817	
<b>File No. - N° de dossier</b> pv904.01E86-200376	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2019-11-12</b>	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Frigon, Francine	<b>Buyer Id - Id de l'acheteur</b> pv904
<b>Telephone No. - N° de téléphone</b> (819) 743-4279 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> DEPARTMENT OF AGRICULTURE AND AGRI-FOOD 960 CARLING AVE., K.W. NEATBY BLDG OTTAWA, ONTARIO K1A0C6	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Delivery Required - Livraison exigée</b>	<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</b> <b>(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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**Amendment # 001 is raised to change the time zone, correct the terms of the contract delivery date and to replace Annex A as follow:**

**1. At page 1 of the solicitation**

**Delete:** Eastern Daylight Savings Time

**Insert:** Eastern Standard Time

**2. At Delivery Date section 6.4.2**

**Delete:** All the deliverables must be received and completed on or before March 31, 2020.

***To be completed by the bidder***

Delivery date offered: \_\_\_\_\_

Installation date offered: \_\_\_\_\_

Training date offered: \_\_\_\_\_

**Replace:** All the deliverables must be received and completed on or before March 31, 2020.

**3. At Annex A – Part 1 - REQUIREMENT**

**Delete:** In its entirety.

**Replace:**

**ANNEX A**

**Part 1 - REQUIREMENT**

The Biodiversity & Collections Division of AAFC STB has a requirement for the supply of two imaging microscope systems, which must meet all of the mandatory technical requirements as specified below and the mandatory evaluation criteria as specified at Part 2.1 - Mandatory Technical Evaluation Criteria. The requirement must include all of the following:

**Each imaging system must include and meet all the criteria listed below:**

**1. Microscope system:**

- a) Integrated controller, console and camera
- b) A minimum of two interchangeable lenses that are cable-free, with easy attachment
- c) Light sources fixed apically on the lens for pinned specimen imaging, and include lighting from multiple directions simultaneously.
- d) Transmitted light through the microscope stage for slide imaging
- e) Attached lighting diffusers
- f) Ergonomic head
- g) The lens must be able to tilt/rotate joint for angled shooting (at 90°)
- h) The stage must be motorized, allowing for smooth movement (frictionless)
- i) Standard dust cover

## 2. Camera / computer hardware:

- a) Camera resolution of 18 megapixels (minimum)
- b) 500 GB hard drive
- c) 23" LCD monitor (minimum)
- d) DVD and multiple USB ports
- e) LAN network connectability
- f) The camera must be able to capture images in multiple formats, including JPEG and TIFF formats
- g) Capability for images to be saved in user-defined folders under user-defined names

## 3. Advanced software features and capabilities:

- a) Software 64 bit
- b) Software must be compatible with Windows 10
- c) Camera and software defaults must be customizable
- d) Subject view capabilities:
  - Live view of image in HD navigation window; no lag time in image visualization; subsequent viewing of captured image
  - Within-frame navigation and zooming capability
  - Control of motorized stage and magnification via live view
- e) Automatic magnification recognition
- f) Rapid imaging and processing speed, a minimum of 50 frames/second
- g) Shooting conditions must be available and easily manipulated and include simple post production features to refine captured images
- h) Image stacking / montage software (Zerene Stacker, or equivalent)
- i) Image stitching software – Automatically generate composite image from multiple stacked/montaged images using motorized stage
  - In generation of stacked and stitched images, user must have the ability to define imaging area and depth, as well as image stack number
- j) Measurement capabilities (length, surface area, count)

## 4. Delivery

The two imaging microscope systems must be delivered to Agriculture Agri-Food Canada, 960 Carling Avenue, K.W.Neatby Bldg., Ottawa, Ontario, K1A-OC6, Canada

## 5. Installation

On-site installation of each system including the automated digital image microscope systems and related software are the responsibility of the contractor and must be performed by the contractor factory-trained, certified technical representative

User's Guide: Each system must include a user guide in English describing the installation and the configuration of the software as well as an operation manual for the software package.

Tutorials: The contractor must provide tutorials in English describing the proper use and maintenance of the systems including any upgrades during the period of the contract.

## 6. Training

The contractor must provide on-site training to the end users, to demonstrate the safe operation of the hardware and software package.

On-site user training must be provided for up to 12 users in English.

## 7. Warranty, Preventive Maintenance and Emergency Services

Initial First year warranty (which also includes optics, mechanics and electronics)

During the Warranty periods the contractor must provide on-site:

Preventive Maintenance Visit: One preventive maintenance visit for each systems at the end of the covered period of each year.

Emergency Service: Emergency service must be provided during regularly scheduled business hours, between the hours of 08:30 and 17:00 (Eastern Time), Monday to Friday, excluding public holidays.

## 8. Support Services

The Contractor must provide unlimited technical support, technical phone support, support via the Internet and email support during regular business hours from the delivery of the systems until the end of the contract.

The Contractor must acknowledge a request for service by phone or by email within 24 hours.

## 9. The requirement also includes the option to purchase the following additional services on an as and when requested basis:

### **Optional Extended Warranty, Preventive Maintenance, Emergency Services and Support Services for a one-year period.**

Optional one-year warranty period (which also includes optics, mechanics and electronics)

During the Warranty period the contractor must provide on-site:

Preventive Maintenance Visit: One preventive maintenance visit for each systems at the end of the covered period of each year.

Emergency Service: Emergency service must be provided during regularly scheduled business hours, between the hours of 08:30 and 17:00 (Eastern Time), Monday to Friday, excluding public holidays.

**The requirement must work and operate at all times in accordance with the mandatory technical requirements and the mandatory evaluation criteria as specified below at Part 2.1 - Mandatory Technical Evaluation Criteria.**

**ALL OTHER TERMS AND CONDITIONS OF THE SOLICITATION DOCUMENT REMAINS THE SAME.**