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**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

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Issuing Office - Bureau de distribution
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Ottawa
Ontario
K1A 0S5

Title - Sujet Microscope	
Solicitation No. - N° de l'invitation 23240-220887/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client 23240-220887	Date 2022-06-08
GETS Reference No. - N° de référence de SEAG PW-\$\$PV-904-81233	
File No. - N° de dossier pv904.23240-220887	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Daylight Saving Time EDT on - le 2022-06-16 Heure Avancée de l'Est HAE	
F.O.B. - F.A.B.	
Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Frigon, Francine	Buyer Id - Id de l'acheteur pv904
Telephone No. - N° de téléphone (819) 743-4279 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
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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

Amendment 002 has been raised to answer questions received from industry and to make changes to the Request for Proposal as follows:

A. TO ANSWER QUESTION(S) RECEIVED FROM INDUSTRY

Question(s)/Answer(s)

At Annex "A" – Part 1 - Requirement

Q2. Section 1

Q2.1

1. The motorized stage must meet all of the following specifications:

Do you need any specific sample holders or a flat black stage insert is sufficient?

A2.1 A flat black stage insert is sufficient.

Q2.2.

b) Must include a scanning stage with minimum continuous travel range of 130×85 mm with a smallest step size of 0.01 µm. Repeatability must be less than 1 µm with the accuracy of ±5 µm.

Would you accept a 4x3inches stage (102x76mm)?

A2.2 Yes, a 4 x 3 inches stage is acceptable.

Q3. Section 3

Q3.1

3. The High-resolution CCD camera must meet all of the following specifications:

Would you accept a CMOS camera?

A3.1 Yes, CMOS camera is acceptable.

Q3.2

a) Must be compatible with Zeiss Axio Imager A2.

Do you have an existing c-mount camera adapter on this microscope or you would like us to include one?

A3.2 Yes, we have a c-mount adapter (60N-C, 1" 1.0X, 426114).

Q3.3

e) Must have a frame rate greater than 50 frame per second.

Considering that sometimes PCs might not be able to process this amount of data (50 fps) especially when doing tiling since some time should be allowed for processing, would you accept a 30 fps camera?

A3.3 No, 50fps is minimum.

Q3.4

f) Must be capable of being controlled by both manual and automatic controller.

Could you please emphasize how the camera will be controlled manually and automatic, besides being driven from a software on PC?

A3.4 Here, it is not the camera which will be controlled manually and automatically but the stage controller. Then it means that the camera should be capable to work with both manual and automatic stage controller. The camera is only driven by the software on PC.

Q4. Section 4

4. The Image analysis software must meet all of the following specifications:

a) Must be compatible with Zeiss Axio Imager A2

Does the software need to communicate with existing motorized or intelligent hardware on the microscope? If yes, please specify which components these are.

A4. No, we don't have existing motorized or intelligent hardware installed.

B. CHANGES TO THE REQUEST FOR REQUEST FOR PROPOSAL

At Annex A – Part 1 – REQUIREMENT:

Sections 1 and 3, Mandatory Technical Requirements:

Delete: items 1 and 3 and replace with the following:

1. The motorized stage must meet all of the following specifications:

- a) Must be compatible with Zeiss Axio Imager A2.
- b) Must include a scanning stage with minimum continuous travel range of 102×76 mm with a smallest step size of 0.01 µm. Repeatability must be less than 1 µm with the accuracy of ±5 µm.
- c) Must be capable of travelling in 3-axes (X, Y and Z).

- d) Must be capable of being controlled by both manual and automatic controller.
- e) Must communicate with a stage controller via USB or HDMI connection.

3. The High-resolution CCD/CMOS camera must meet all of the following specifications:

- a) Must be compatible with Zeiss Axio Imager A2.
- b) Must communicate with a computer with USB connection.
- c) Must have resolution greater than 1920×1080 pixel with pixel size of 3.45 µm × 3.45 µm.
- d) Must have optical format greater than ½
- e) Must have a frame rate greater than 50 frame per second.

At Annex A – Part 2.1 – MANDATORY TECHNICAL EVALUATION CRITERIA

Delete: Items 1 and 3 replace with the following:

ITEM	CRITERIA	REFERENCE TO SUBSTANTIATION IN THE TECHNICAL BID.
M1	<p>The motorized stage :</p> <ul style="list-style-type: none">1) Must be compatible with Zeiss Axio Imager A2;2) Must include a scanning stage with minimum continuous travel range of 102×76 mm with a smallest step size of 0.01 µm; Repeatability must be less than 1 µm with the accuracy of ±5 µm;3) Must be capable of travelling in 3-axes (X, Y and Z);4) Must be capable of being controlled by both manual and automatic controller; and5) Must to communicate with a stage controller via USB or HDMI connection.	
M3	<p>The High-resolution CCD/CMOS camera :</p> <ul style="list-style-type: none">1) Must be compatible with Zeiss Axio Imager A2;2) Must be capable to communicate with a computer with USB connection;3) Must have resolution greater than 1920×1080 pixel with pixel size of 3.45 µm × 3.45 µm;4) Must have optical format greater than ½ ; and5) Must have a frame rate greater than 50 frame per second.	

ALL OTHER TERMS AND CONDITIONS OF THE REQUEST FOR PROPOSAL REMAIN UNCHANGED.