



## RETURN BIDS TO:

## RETOURNER LES SOUMISSIONS À:

Travaux publics et Services gouvernementaux  
Canada

Place Bonaventure, portail Sud-Oue

800, rue de La Gauchetière Ouest

7<sup>e</sup> étage, suite 7300

Montréal

Québec

H5A 1L6

FAX pour soumissions: (514) 496-3822

## 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

Travaux publics et Services gouvernementaux Canada

Place Bonaventure, portail Sud-Oue

800, rue de La Gauchetière Ouest

7<sup>e</sup> étage, suite 7300

Montréal

Québec

H5A 1L6

<b>Title - Sujet</b> Lecteur de microplaque à mode multi	
<b>Solicitation No. - N° de l'invitation</b> 31241-186338/A	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> 31241-18-6338	<b>Date</b> 2018-08-13
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$MTA-625-14982	
<b>File No. - N° de dossier</b> MTA-8-41075 (625)	<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 2018-09-12</b>	
<b>Time Zone</b> Fuseau horaire Heure Avancée de l'Est HAE	
<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> Lavoie, Corine	<b>Buyer Id - Id de l'acheteur</b> mta625
<b>Telephone No. - N° de téléphone</b> (514) 207-4777 ( )	<b>FAX No. - N° de FAX</b> (514) 496-3822
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> Conseil national de recherches Canada (Portes 6 & 7) Via entrée réception marchandises 6100 Avenue Royalmount Montréal-Qc, H4P-2R2 Canada	

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/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

## **AMENDMENT 001**

In response to questions received, the following amendments have been made:

- 1) Page 5 of the request for solicitation
- 2) Item 4.6.3 of Annex « A » Requirement
- 3) Item 4.6.6 of Annex « A » Requirement
- 4) Item D.1 and addition of item D.2 to Annex « B » Basis of Payment
- 5) Item 4.6.6 of Annex « C » Mandatory Technical Criteria's To Be Demonstrated

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### **AMENDMENT #1**

#### **DELETE:**

##### **4.1.2 Financial Evaluation**

Total financial evaluation: Sum of total prices of item A+B+C+D+E+F+G+H+I mentioned in Annex "B".

#### **INSERT:**

##### **4.1.2 Financial Evaluation**

Total financial evaluation: Sum of total prices of item A+B+C+D.1+D.2+E+F+G+H+I mentioned in Annex "B".

### **AMENDMENT #2**

#### **DELETE:**

4.6.3 Must have excitation and emission filters for DAPI, GFP, YFP, CY5, Propidium Iodide

#### **INSERT:**

4.6.3 Must have excitation and emission filters for DAPI, GFP, Texas Red, CY5, TRITC or RFP.

### **AMENDMENT #3**

#### **DELETE:**

4.6.6 Must be able to automatically focus the image and determine the exposure time.

#### **INSERT:**

4.6.6 Must be able to laser autofocus the image and determine the exposure time.

### **AMENDMENT #4**

#### **DELETE:**

## **APPENDIX B**

### **BASIS OF PAYMENT**

<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Price (\$CAD)</b>	<b>Total Price (\$CAD)</b>
A.	Multimode monochromator plate reader with imaging capabilities as described in part 4.0 Mandatory Technical Specifications of Annex "A" - Requirement	each	1	\$ _____	\$ _____
B.	CO2/O2 controller as described in part 4.0 Mandatory Technical Specifications of Annex "A" - Requirement	each	1	\$ _____	\$ _____
C.	Ex/Em light source and filters for DAPI, GFP, YFP, CY5, Propidium Iodide as described in part 4.0 Mandatory Technical Specifications of Annex "A" - Requirement	pair	5	\$ _____	\$ _____
D.	Imaging objectives as described in part 4.0 Mandatory Technical Specifications of Annex "A" - Requirement	each	4	\$ _____	\$ _____
E.	DNA/protein quantification accessory as described in part 4.0 Mandatory Technical Specifications of Annex "A" - Requirement	unit	1	\$ _____	\$ _____
F.	Data Analysis Software as described in part 4.0 Mandatory Technical Specifications of Annex "A" - Requirement	each	1	\$ _____	\$ _____
G.	Imaging software as described in part 4.0 Mandatory Technical				

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	Specifications of Annex "A" - Requirement	each	1	\$ _____	\$ _____
H.	Training of users as described in part 5.0 of Annex "A" - Requirement		1	\$ _____	\$ _____
I.	Hardware/Software technical support as described in part 5.0 of Annex "A" - Requirement		1	\$ _____	\$ _____
	<b>TOTAL (A+B+C+D+E+F+G+H+I)</b>				\$ _____

**INSERT:**

## APPENDIX B

### BASIS OF PAYMENT

Item	Description	Unit	Quantity	Unit Price (\$CAD)	Total Price (\$CAD)
A.	Multimode monochromator plate reader with imaging capabilities as described in part 4.0 Mandatory Technical Specifications of Annex "A" - Requirement	each	1	\$ _____	\$ _____
B.	CO2/O2 controller as described in part 4.0 Mandatory Technical Specifications of Annex "A" - Requirement	each	1	\$ _____	\$ _____
C.	Ex/Em light source and filters for DAPI, GFP, YFP, CY5, Propidium Iodide as described in part 4.0 Mandatory Technical Specifications of Annex "A" - Requirement	pair	5	\$ _____	\$ _____
D.1	Imaging objectives (4X, 10X, 20X) as described in part 4.0 Mandatory Technical Specifications of Annex "A" - Requirement	each	3	\$ _____	\$ _____
D.2	Imaging objectives (40X) as described in part 4.0 Mandatory Technical Specifications of Annex "A" - Requirement	each	1	\$ _____	\$ _____
E.	DNA/protein quantification accessory as described in part 4.0 Mandatory Technical Specifications of Annex "A" - Requirement	unit	1	\$ _____	\$ _____
F	Data Analysis Software as				

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	described in part 4.0 Mandatory Technical Specifications of Annex "A" - Requirement	each	1	\$ _____	\$ _____
G.	Imaging software as described in part 4.0 Mandatory Technical Specifications of Annex "A" - Requirement	each	1	\$ _____	\$ _____
H.	Training of users as described in part 5.0 of Annex "A" - Requirement		1	\$ _____	\$ _____
I.	Hardware/Software technical support as described in part 5.0 of Annex "A" - Requirement		1	\$ _____	\$ _____
	<b>TOTAL (A+B+C+D.1+D.2+E+F+G+H+I)</b>				\$ _____

#### **AMENDMENT #5**

**DELETE:**

#### **APPENDIX C**

#### **MANDATORY TECHNICAL CRITERIA'S TO BE DEMONSTRATED**

The system must meet the MANDATORY requirements described in "Appendix A - Section 4.0. Within the mandatory requirements, the following requirements will be evaluated.

***Note: No web links will be accepted. If you refer to a document or video, please submit a paper copy or an electronic copy on a USB.***

<b>No.</b>	<b>Mandatory technical specifications</b>	<b>Reference: Please specify where can be found these items within your technical/descriptive documents and/or technical literature/notes.</b>
4.1.2	Must be able to perform end point, kinetic, spectral scanning and well area scanning	
4.1.3	Must be able to read 6 to 384 well plates from the bottom and top	
4.1.4	Must have the ability to quantify nucleic acids and proteins with no more than 2uL of sample	
4.1.5	Must be able to perform orbital shaking in a temperature controlled chamber at 37°C with CO2 and O2 control	
4.2.1	Must have a minimum wavelength range of 230-999nm with 1nm increment a maximum bandwidth of 8nm	
4.3.1	Must have a minimum wavelength range of 250-700nm with 1nm increment and variable bandwidth	

4.4.1	Must have a minimum wavelength range of 300-700nm and be able to measure both glow and flash luminescence	
4.6.1	Must have brightfield, phase contrast and fluorescence imaging	
4.6.2	Must be able to image T25 flask and 6 to 384 well microplates	
4.6.4	Must have fluorescence objectives of 4X, 10X, 20X, 40X	
4.6.6	Must be able to automatically focus the image and determine the exposure time	
4.7.3	Must include an Imaging software with the following capacities: 4.7.3.1 Must have Z-stacking capability for 3D cell culture 4.7.3.2 Must be capable of image montage 4.7.3.3 Must be able to perform real-time analysis and record a video 4.7.3.4 Must be able to count cells and perform morphology measurement 4.7.3.5 Must be able to apply subcellular masks	

**INSERT:**

## APPENDIX C

### MANDATORY TECHNICAL CRITERIA'S TO BE DEMONSTRATED

The system must meet the MANDATORY requirements described in "Appendix A - Section 4.0. Within the mandatory requirements, the following requirements will be evaluated.

**Note: No web links will be accepted. If you refer to a document or video, please submit a paper copy or an electronic copy on a USB.**

No.	Mandatory technical specifications	Reference: Please specify where can be found these items within your technical/descriptive documents and/or technical literature/notes.
4.1.2	Must be able to perform end point, kinetic, spectral scanning and well area scanning	
4.1.3	Must be able to read 6 to 384 well plates from the bottom and top	
4.1.4	Must have the ability to quantify nucleic acids and proteins with no more than 2uL of sample	
4.1.5	Must be able to perform orbital shaking in a temperature controlled chamber at 37°C with CO2 and O2 control	

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4.2.1	Must have a minimum wavelength range of 230-999nm with 1nm increment a maximum bandwidth of 8nm	
4.3.1	Must have a minimum wavelength range of 250-700nm with 1nm increment and variable bandwidth	
4.4.1	Must have a minimum wavelength range of 300-700nm and be able to measure both glow and flash luminescence	
4.6.1	Must have brightfield, phase contrast and fluorescence imaging	
4.6.2	Must be able to image T25 flask and 6 to 384 well microplates	
4.6.4	Must have fluorescence objectives of 4X, 10X, 20X, 40X	
4.6.6	Must be able to laser autofocus the image and determine the exposure time	
4.7.3	Must include an Imaging software with the following capacities: 4.7.3.1 Must have Z-stacking capability for 3D cell culture 4.7.3.2 Must be capable of image montage 4.7.3.3 Must be able to perform real-time analysis and record a video 4.7.3.4 Must be able to count cells and perform morphology measurement 4.7.3.5 Must be able to apply subcellular masks	

**ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.**