



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

Réception des soumissions - TPSGC / Bid Receiving  
- PWGSC  
1550, Avenue d'Estimauville  
1550, D'Estimauville Avenue  
Québec  
Québec  
G1J 0C7

**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**  
TPSGC/PWGSC  
601-1550, Avenue d'Estimauville  
Québec  
Québec  
G1J 0C7

<b>Title - Sujet</b> Spectrometer	
<b>Solicitation No. - N° de l'invitation</b> W7701-166145/A	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> W7701-166145	<b>Date</b> 2016-01-18
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$QCN-016-16664	
<b>File No. - N° de dossier</b> QCN-5-38262 (016)	<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 2016-02-22</b>	
<b>Time Zone</b> Fuseau horaire Heure Normale du l'Est HNE	
<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> Carrier, Bertrand	<b>Buyer Id - Id de l'acheteur</b> qcn016
<b>Telephone No. - N° de téléphone</b> (418) 649-2774 ( )	<b>FAX No. - N° de FAX</b> (418) 648-2209
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

**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> Raison sociale et adresse du fournisseur/de l'entrepreneur	
<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>

**This is amendment 001 to our solicitation in order to answer some questions from the industry:**

**QUESTION # 1:**

Is the full range of 200-1160 nm required?

- a. Would the user consider 200-1050 nm?
- b. Would the user consider 200-1100 nm on an un-cooled detector?

**ANSWER # 1:**

Neither option a) or b) will be accepted.

However, we would agree to a spectral range of 200-1100 nm, but on cooled detectors.

We will also tolerate minimum integration times inferior to 10 ms, instead of 8ms as specified in the list of requirements.

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**QUESTION # 2:**

Do all 2048 pixels need to be used in the useable wavelength range?

**ANSWER # 2:**

Not necessarily, as long as the criterion on resolution is respected.

However, the detector should not be underused (at least 75% of the pixels must be useful).

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**QUESTION # 3:**

With 300 lines/mm gratings, an order sorting filter is often employed to prevent second order light detection.

Is this required/requested here?

**ANSWER # 3:**

High orders of diffraction have to be removed.

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Consequently, if applicable, the corresponding mandatory technical criteria are modified by the answers to previous questions.

**ALL OTHERS TERMS AND CONDITIONS REMAIN THE SAME.**