

**RETURN BIDS TO:**

## RETOURNER LES SOUMISSIONS À:

**Bid Receiving - PWGSC / Réception des soumissions  
- TPSGC**

**1550 D'Estimauville Avenue**

**1550, Avenue d'Estimauville**

**Québec**

Québec

**G1J 0C7**

**FAX pour soumissions: (418) 648-2209**

## 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

BFC Bagotville, CP 380

CFB Bagotville, PO Box 380

Bâtiment 71, local 115

Building 71, Room 115

Alouette

Québec

G0V1A0

<b>Title - Sujet</b> Large Aperture Scintillometer	
<b>Solicitation No. - N° de l'invitation</b> W7701-145769/A	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> W7701-145769	<b>Date</b> 2013-12-02
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$BAL-001-15685	
<b>File No. - N° de dossier</b> BAP-3-36191 (001)	<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 2013-12-12</b>	<b>Time Zone</b> <b>Fuseau horaire</b> 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> Tremblay, Marial	<b>Buyer Id - Id de l'acheteur</b> bal001
<b>Telephone No. - N° de téléphone</b> (418) 677-4000 (4159)	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>  Defence R&D Canada - Valcartier (DRDC) R & D défense Canada - Valcartier (RDDC) Bâtiment 53 / Building 53 2459, boulevard Pie-XI nord Québec (Québec) G3J 1X5	

**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>

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### Enquiries - Bid Solicitation - Clause # 2.3

To ensure consistency and quality of information provided to bidders, significant enquiries received and the replies to such enquiries will be provided simultaneously to bidders to which the bid solicitation has been sent, without revealing the sources of the enquiries.

Here are the questions which we have received until now:

Question 1: Ref.: Annex A, Section A.2, Specification or Component # 5:

Do we understand correctly that the client already has a Vaisala WXT510; i.e. we are not bidding on this piece of equipment? Does the client have a minimum height requirement for mounting this instrument?

**Answer 1: Yes, we already own this equipment (Vaisala WXT510) and it should not be included in the bid.**

**The weather station will be installed close to the ground (6 to 8'). The tripod for the weather station is not required in the bid.**

Question 2: Will the deployment site of the Scintillometer have access to AC mains power? This will determine whether the power source must be solar or AC power.

**Answer 2: AC power will be available (120V/60Hz). Solar power is not required.**

Question 3: Does the client have a preference for the method used to communicate with the logging equipment; i.e. Ethernet, USB, or RS-232? Should we include all 3 options in our bid?

**Answer 3: The preferred method to communicate is Ethernet, but USB and RS-232 are acceptable. Only one option is required.**

Question 4: Tripods for scintillometers: is there a minimum height requirement for mounting the scintillometers?

**Answer 4: The measured path will be at 6 to 10 feet above the ground. Tripods must accommodate this height.**

Question 5: Tripods for meteorological equipment and solar panels (if required): does the client already have any tripods that they can use or do we assume they don't have anything?

**Answer 5: We already have a tripod for the weather station. Only tripods for scintillometer transmitter unit and receiver unit are required.**

Question 6: Cables: does the client have any specific length requirements for the power cables; i.e. from the external power source to the scintillometers or to the enclosure which houses the data logging equipment?

**Answer 6: Preferred power cable length is 25 feet, but this is not a mandatory requirement.**

**The cable between the scintillometer and the datalogger must be long enough to connect the scintillometer to the datalogger fixed on the tripod's leg.**

Question 7: Regarding the meteorological measurements required for the complete scintillometer system (in this case provided by the WXT510), there are 2 options for the location of the met station relative to the scintillometer receiver and emitter:

(a) The preferred location is midway between the receiver and emitter to provide a more representative measure of the meteorological conditions of the optical path. This is often not practical as it typically requires the met station to be solar powered and to have a wireless communications link with the receiver station.

(b) The other option which simplifies the system greatly is to place the met station adjacent to the scintillometer receiver and assume that the meteorological conditions at that location are sufficiently representative of the optical path. This allows the sharing of the same power supply for both the met station and the scintillometer receiver.

So the question is: Is the client planning to install the met station adjacent to the scintillometer receiver or else midway between both the receiver and the emitter?

**Answer 7: The weather station will be installed adjacent to the scintillometer receiver (option "b" in your question).**

All other terms and conditions of the solicitation remain the same.