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PWGSC

1550 Avenue d'Estimauville

1550 D'Estimauville Avenue

Québec

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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> Directional Broadband VHF Antenna	
<b>Solicitation No. - N° de l'invitation</b> F3063-181401/B	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> F3063-181401	<b>Date</b> 2019-02-28
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$QCW-028-17623	
<b>File No. - N° de dossier</b> QCW-8-41125 (028)	<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 2019-03-22</b>	<b>Time Zone</b> <b>Fuseau horaire</b> 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> - Simoneau, Steve	<b>Buyer Id - Id de l'acheteur</b> qcw028
<b>Telephone No. - N° de téléphone</b> (418) 649-2816 ( )	<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> Garde côtière canadienne - MPO 101 Boul. Champlain, Québec, Québec, G1K7Y7.	

**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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## AMENDMENT 001

Included in the present amendment:

1. Questions 1 to 3

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### 1. Question 1 to 3

#### Question 1:

Regarding Part 1.d - Proposed arrangement with vertical insulation; does it mean that you need a drawing of how the antennas are mounted and the distance between the first and second row? Please provide some more clarification regarding Annex C, article 1.d.

#### Answer 1:

It means that we need to see the proposed solution for an antenna set, considering that one set of antenna is consisted with 6 panel antennas or less/more. If more than 3 panel antennas are used, we need to see the proposed solution on how the antennas are mounted on a pole and what will be the distance between 2 panel antennas if they are mounted one over the other (stacked). This value can be expressed in inch or mm and this will allow us to know what will be the space required on the tower leg.

#### Question 2:

With respect to the "STATEMENT OF REQUIREMENT - DIRECTIONAL BROADBAND VHF PANEL ANTENNA" I want to confirm if you are looking for a directional open element (dipole array) style antenna or possibly a yagi?

#### Answer 2:

Our goal is to cover a 360 degrees area using a set of sectorial antenna type mounted on a 3 leg tower. Yagi antenna type are too much directional and exposed dipole are too big for our type of configuration and are not sectorial. We think that the best type of antenna for our needs should be panel antenna type.

#### Question 3:

When referring to base station antennas the term "panel" typically refers to an antenna in a fully enclosed radome. Our open elements are constructed of welded anodized aluminum, can you confirm what type antenna you anticipate using in this application??

#### Answer 3:

We anticipate to use the same antenna type that we are using now which are composed of antennas with 2 exposed dipoles with a reflector array at the back. Yes, you are right when you say that the term «panel» typically means an antenna in a fully enclosed radome but this is also used to refer to an antenna that is using one dipole or more in front of a reflector which can be composed of aluminium or other material.

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**ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED**