

**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
**Bid Receiving - PWGSC / Réception des soumissions -**  
**TPSGC**  
**11 Laurier St. / 11, rue Laurier**  
**Place du Portage , Phase III**  
**Core 0A1 / Noyau 0A1**  
**Gatineau**  
**Québec**  
**K1A 0S5**  
**Bid Fax: (819) 997-9776**

**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**  
Security and Information Operations Division/Division  
de la securite et des operations d'information  
11 Laurier St. / 11, rue Laurier  
8C2, Place du Portage  
Gatineau  
Québec  
K1A 0S5

<b>Title - Sujet</b> REPLACEMENT HF MONITOR RECEIVERS	
<b>Solicitation No. - N° de l'invitation</b> W8474-136566/B	<b>Amendment No. - N° modif.</b> 003
<b>Client Reference No. - N° de référence du client</b> W8474-136566	<b>Date</b> 2013-12-05
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$QE-450-24137	
<b>File No. - N° de dossier</b> 450qe.W8474-136566	<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 2014-01-06</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Standard Time EST
<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> Guilderson, Greg	<b>Buyer Id - Id de l'acheteur</b> 450qe
<b>Telephone No. - N° de téléphone</b> (819) 956-0564 ( )	<b>FAX No. - N° de FAX</b> (819) 956-0740
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> N/A	

**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>

This amendment is raised in response to technical questions from the vendor community:

Q1. Channel outputs. Are 18 or 36 required from each receiver?

SOW:

3.2.1 Design asks for: "directly digitize thirty-six outputs;

3.2.2 Requirements asks for: a) I) 18 SSB frequency channels;

4.6.2 Hardware a) 8 x 36 channel digital HF monitors.

Technical Specification :

1.5 a minimum of 18 independently tuneable channels

2.9 ....18 channels of audio output

A1. Channel Outputs: DND currently monitors 18 HF frequencies, but DND is specifying that the HF Monitor Receiver equipment be capable of receiving, digitizing, and outputting 36 channels of digital HF channel information for redundancy and future requirement scalability. So, HF monitor receiver outputs of 36 digitized narrowband HF frequencies (channels) are required.

Q2. Inputs to receiver: Is it 3 or 9 or a max of ?

SOW:

3.2.1 Design asks for: a minimum of nine coaxial feeds from the antenna.

Technical Specification:

1.2 a minimum of 3 antenna input ports

A2. Receiver Inputs: Item 1.2 of the technical specification contained a typo. A minimum of 9 input RF antenna ports are required - not 3.

Q3. Data rate is it 512kbps or a T1 at 1.544Mbps or more?

SOW:

3.2.1 Design concept refers to standard T1 data links

3.2.8 System Design Constraints also refers to in b) and c) a T1 of at least 1.544 Mbps

Technical Specification:

2.10 combined audio data bandwidth.....limited to 512 kbps

A3. Data Rate: DND can guarantee a maximum audio bandwidth capacity of 512 kbps for transporting the audio information. The remainder of the T1 bandwidth capacity is reserved for equipment control traffic including control of the HF monitor receiver. DND can guarantee availability of T1 total bandwidth capacity at 1.544 Mbps.

Q4. Receiver characteristics

SOW:

3.2.1 Design asks for the digitization to be over a "USB interface" to the PC that then puts the audio on the LAN.

Why USB to the PC when in the Technical Specification 2.1 asks for an interface allowing remote access via an IP network.

A4. Receiver Characteristics: The SOW is overly restrictive in only specifying a USB interface to the server PC. USB was specified simply out of convenience, availability and familiarity. The SOW should instead state ...over any modern standard high speed digital interface. (Ethernet would be completely acceptable for example.)

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