

**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
Travaux publics et Services gouvernementaux  
Canada  
Place Bonaventure, portail Sud-Est  
800, rue de La Gauchetière Ouest  
7<sup>ème</sup> étage  
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-Est  
800, rue de La Gauchetière Ouest  
7<sup>ème</sup> étage  
Montréal  
Québec  
H5A 1L6

<b>Title - Sujet</b> REPLACEMENT OF EXISTING RADIO TELEC	
<b>Solicitation No. - N° de l'invitation</b> 9F030-130555/A	<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b> 9F030-13-0555	<b>Date</b> 2014-07-16
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$MTA-309-12805	
<b>File No. - N° de dossier</b> MTA-3-36352 (309)	<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 2014-07-25</b>	
<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> Paradis, Mary	<b>Buyer Id - Id de l'acheteur</b> mta309
<b>Telephone No. - N° de téléphone</b> (514) 496-3874 ( )	<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> AGENCE SPATIALE CANADIENNE 6767 ROUTE DE L' AEROPORT 9F030-SÉCURITÉ ET INSTALLATIONS ST HUBERT Québec J3Y 8Y9 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> 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>

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**THE ABOVE MENTIONED REQUEST FOR PROPOSAL HAS BEEN AMENDED TO ANSWER THE FOLLOWING QUESTIONS RAISED BY SUPPLEIRS:**

**Question no. 1**

The products required in this tender can only be acquired from manufacturers who are not Canadian , but the labour is provided in Canada. If the products are made to be used in Canada , have Industry Canada's homologued number and the manufacturer's have their offices in Canada , is the good considered Canadian ?

**Answers:**

Please refer to our SACC manual clause A3050T (2010-01-11) - Canadian content definition.

Also

Please refer to our SACC manual clause A3070T (2014-03-13) - Evaluation procedures for procurement conditionally limited to Canadian content.

This clause explains the evaluation procedures of the bid solicitation when the competition is conditionally limited to bids offering Canadian goods.

**Question no. 2**

At Part 2 - Bidder instructions

Term of contract

While delivery is requested by the end of July 2014, the best delivery date could be offered is \_\_\_\_\_.

Since the winning bidder has to submit an engineering technical submission to Industry Canada for the purposes of the conversion of numeric frequencies, and this process takes approximately 7 weeks (without taking into consideration the coordination with the United States of America) , may we request that this delivery date be modified ?

**Answer:**

Yes, the delivery date has been modified. The new delivery date will be before March 31, 2015.

**Question no. 3**

Reference is made to Canadian Space Agency's (CSA) existing system:

3.a. We are able to located the Industry Canada license number for your two duplex pairs - 3886477. What is the license number for the simplex frequency ?

3.b. Is there a link budget or other RF calculations associated with the distributed antenna array, that can be shared at this time ?

3.c. You are licensed to and affective radiated power of 7.1 dBW or approx 5 watt RF - we assume that you want to stay within the limits of your license - please confirm.

- 3.d. Are the Andrew ASP7A antennas still in use - can you confirm the quantity installed ?  
 3.e. What is the make and model of the antennas on the distributed antenna array ?

**Answers:**

- 3.a. The license numbers for CSA are: 4848122, 4930543, 3886477, 3884679.  
 3.b. No.  
 3.c. It is correct  
 3.d. The ASP7A antenna is no longer in use  
 3.e. Bluewave antenna model 421 and 422.

**Question no. 4**

Reference is made to a Proposed system:

- 4.a. Please explain the functionality that CSA required in the requesting Basket Group call.  
 4.b. How does CSA intend to implement e-mail across the new radio system ?  
 4.c. Please provide details of the specific reports CSA wishes the system to produce ?  
 4.d. Which internal triangulation system manufacturer is CSA working with ?  
 4.e. What functions does CSA require to control remotely on the repeaters ?  
 4.f. What functionality that CSA require in requesting partial fault tolerance on the repeaters ?  
 4.g. Our portable radios have a 1.8 inch , 128 pixed, 65535 color display, but only has 4 lines - is this acceptable ?  
 4.h. Why does CSA want three (3) different portable radios ?  
 4.i. If we can meet or exceed all the specifications with a single or two portable radio(s) , would that be acceptable to CSA ?  
 4.j. We understand that Control is part of the Security services - please confirm  
 4.k. We understand that CSA requires that we carry out performance tests on the entire system in order to demonstrate that the performance of the new system is at least equal to, if not better than the current system. Can CSA provide current test results or performance data for the existing system ?

**Answers:**

- 4.a. We require the possibility to contact a specific group on a given frequency without everyone on the frequency receiving the call.  
 4.b. The system must be ready for this option. The specific has not been developed at this time.  
 4.c. The system must be capable to provide reports on usage, performances.  
 4.d. We require the option for future implementation.  
 4.e. There is no requirement for remote control on the repeaters. This function is for the radios only.  
 4.f. The system should continue operating properly in the event of failure.

- 4.g. This will only be evaluated when we evaluate the proposals after the bid closing date.
- 4.h. The CSA has evaluated with its five user groups that we would need three different portable radios in order to meet most of the requirements.
- 4.i. This will only be evaluated when we evaluate the proposals after the bid closing date.
- 4.j. It is correct.
- 4.k. CSA will provide current test results to the successful tenderers.

### Question no. 5

What is the difference between the texte below(on page 18 of 26) and that mentioned at page 19 of 26 ?

Bases:

General specifications:

- . Separate adapter for control head
- . Programmable front buttons
- . Control head with 16 character display

#### List of equipment required by sector

Security services :

Ten (10 )model #3 portables with the following accessories :

- Ten (10 ) spare lithium-ion batteries
- Ten (10) micro-loudspeakers
- Ten (10) belt clips
- One (1) six (6) slot multi-charger

Four (4) model #2 portables with the following accessories:

- Four (4) spare lithium-ion batteries
- Four (4) single chargers
- Four (4) belt clips

Two (2) bases with the following accessories:

- Two (2) power supplies
- Two (2) magnetic-based antennas
- Two (2) table microphones

#### Answers:

The specifications of the 'bases' describe them, whereas the 'List of equipment required by sector' is a resumé of the all equipment that is required under 'Bases'. Example: for bases, we have added accessories that do not appear in its general description.

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**Question no. 6**

Why has CSA opted for portables and specific models together with a unique and proprietary infrastructure solution ?

**Answers:**

CSA has chosen to go with three different portables in order to address as best as possible the requirements in terms of functions, size and weight of all the different clients (5 groups) without spending a lot of money where it is not necessary.

. Portable #1 has to operate in a high noise environment. It needs to be dust and water (immersion) resistant, hence the need for IP 57. It must be smaller than what is in use currently (137 mm x 57.5 mm x 44 mm / 470 g). It must have a belt clip and must have a stubby antenna.

. Portable # 2 has to be thinner and lighter than that in use currently (127.5 mm x 61.50 mm x 45 mm/ 370 g). It must have a belt clip and a very short antenna (2.5 to 3 cm max). It must be dust and splash resistant, hence the need for IP 54.

. Portable # 3 has to be simple, rugged , hence limited screen and keyboard. It must be dust and water (heavy rain) resistant, hence the need for IP55. It must be smaller than that in use currently (137 mm x 57.5 mm x 44 mm /470 g) and it must have a belt clip.

. The base has to fit into an existing consol. A desktop cannot be used due to limited space.

Even though the power requirement can be deleted from the Request for Proposal, the dimensions, weight and IP code must be respected.

- All other terms and conditions remain the same.