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11 Laurier St. / 11, rue Laurier

Place du Portage, Phase III

Core 0B2 / Noyau 0B2

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

Electrical & Electronics Products Division

11 Laurier St./11, rue Laurier

7B3, Place du Portage, Phase III

Gatineau, Québec K1A 0S5

Title - Sujet Mobile Mm-Wave Test Platform	
Solicitation No. - N° de l'invitation U6800-197481/A	Amendment No. - N° modif. 003
Client Reference No. - N° de référence du client U6800-197481	Date 2018-11-16
GETS Reference No. - N° de référence de SEAG PW-\$\$HN-336-75668	
File No. - N° de dossier hn336.U6800-197481	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-12-03	
Time Zone Fuseau horaire Eastern Standard Time EST	
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes	
Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Bisson, Phillippe	Buyer Id - Id de l'acheteur hn336
Telephone No. - N° de téléphone (613) 295-8641 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Industry Canada, Communications and Research Centre 3701 Carling Ave, Ottawa, ON, Canada K2H 8S2 Attention: Mustapha Bennai	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

SOLICITATION AMENDMENT 003 IS RAISED TO ANSWER THE FOLLOWING QUESTIONS:

Question 1:

“Choice of satellite-aided inertial geolocation and LiDAR devices:

In Annex A section 4.0 the need to generate and record metadata from these classes of devices is noted, and in Table 5.2, section A.2 and A.3 the high level accuracy requirements are specified for these devices.

Q1. Is there any device preferences (as with the Ladybug5 panoramic camera), or is the vendor free to choose the specific implementation offered?”

Response 1:

“R1. The vendor is free to choose which satellite-aided inertial geolocation and LiDAR devices to integrate, as long as they are commercially available and meet the other requirements in the Statement of Work.”

Question 2 and Question 3:

“Mounting and configuration of the CRC-provided phase array antenna modules:

In Annex A, section 5 it is noted that 4 customer-proved phased array antenna as described in Annex C, section 2.0 must be integrated. In order to accurately respond , it would be helpful to have more clarity as to the required configuration(s):

Q2. Are the antennas to be mounted in a stationary manner on the portable equipment? If not stationary, do you require rotational control or the ability to axially tilt?

Q3. In Annex 3, section 2.0 a Directional Configuration consisting of three 120 degree phase array antennas is mentioned. Does this represent three of the four supplied antennas?”

Responses 2 and 3:

“R2. The phased array antennas are to be mounted in a stationary, but reconfigurable manner, so as to support the various MIMO configurations specified in the Statement of Work.”

“R3. Yes. The phased array antennas to be provided by CRC each provide 120 degrees of directional coverage, thus enabling 360 degrees of azimuthal coverage for a terminal configured to have at least three phased array antennas.”

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U6800-197481/A
Client Ref. No. - N° de réf. du client
U6800-197481

Amd. No. - N° de la modif.
003
File No. - N° du dossier
hn336.U6800-197481

Buyer ID - Id de l'acheteur
hn336
CCC No./N° CCC - FMS No./N° VME

Question 4:

“In Annex A section 4.0, it is noted the gear must be able to operate at velocities up to 50km/hr

Q4. Are there any extraordinary environmental requirements (vibration, shock, air-borne particulates) which are foreseen, or will it be mounted in vehicles equipped with isolation mounting used for mobile electronic testing apparatus?”

Response 4:

“R4. The offered solution does not have to meet extraordinary environmental requirements other than those that can reasonably be inferred from the Statement of Work. Vehicle installation, including shock mounting, of the equipment racks will be performed by CRC, in accordance with standard installation practices for mobile electronic test equipment.”

**** ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED ****