



## RETURN BIDS TO:

## RETOURNER LES SOUMISSIONS À:

Travaux publics et Services gouvernementaux  
Canada

Place Bonaventure, 1e étage

800 rue de la Gauchetière Ouest

Bureau 1110

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,

800 rue de la Gauchetière Ouest

Voir aux présentes - See herein

Montréal

Québec

H5A 1L6

<b>Title - Sujet</b> Dev. of enabling space tech.	
<b>Solicitation No. - N° de l'invitation</b> 9F063-160953/A	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> 9F063-16-0953	<b>Date</b> 2017-04-26
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$MTB-575-14322	
<b>File No. - N° de dossier</b> MTB-6-39409 (575)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-05-31</b>	<b>Time Zone</b> Fuseau horaire Heure Avancée de l'Est HAE
<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> Jurca, Anca	<b>Buyer Id - Id de l'acheteur</b> mtb575
<b>Telephone No. - N° de téléphone</b> (514) 496-3378 ( )	<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>	

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 (type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

Solicitation No. - N° de l'invitation  
9F063-160953/A  
Client Ref. No. - N° de réf. du client  
9F063-160953

Amd. No. - N° de la modif.  
001  
File No. - N° du dossier  
MTB-6-39409

Buyer ID - Id de l'acheteur  
mtb575  
CCC No./N° CCC - FMS No/ N° VME

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**CHANGE OF ADDRESS – BIDS DELIVERY**  
**For bids delivered starting Monday, May 8, 2017:**

**In person or by mail:**  
**Place Bonaventure, 1st Floor**  
**800 de la Gauchetière Street West**  
**Suite 1110**  
**Montreal (QC), H5A 1L6**

**PROJECT TITLE: Development of enabling space technologies**

The above mentioned Request for Proposal (RFP) is hereby amended to answer questions received.

**1. For Priority Technology 9 (PT- 9): System Mounted Compact Active Sensor Technology (CAST) Prototype**

**Question 1:**

On PT-9, MANDATORY-PRF-05 specifies a frame rate of 10Hz or higher and simultaneously dictates compliance to MANDATORY-PRF-01, which limits divergence to 2.7mRad. When considered together, these requirements mandate that the active sensor generate 3D data at a rate greater than 655 KHz (256x256x10). Furthermore, upon examination of other critical requirements, namely range, dynamic range, mass, volume, power and eye safety, it is clear that a trade-off is required that will likely not achieve full compliance to all these requirements simultaneously (even if considering only the shalls).

Section 4.2.1 of the RFP indicates that proposed solutions must comply to all requirements to be responsive. Are bidders allowed to propose feasible solutions that may not simultaneously meet all of these requirements together? If so, can you publish a priority level for each of the stated requirements, to demonstrate to bidders which requirements are considered most critical?

**Answer 1:**

Bids must comply with all the requirements of the bid solicitation to be declare responsive, as indicated at section 4.2.1 of the RFP. However a trade-off is indeed needed. Therefore, the performance mandatory requirements are modified as detailed below:

**Remove:**

**MANDATORY-PRF-05**

**FFOV refresh rate:** The CAST shall produce the native DEM data at a minimum refresh rate of 10 Hz or higher at the specified angular resolution or better for the FFOV.

*Rationale: the goal is enabling the capability of acquiring data while moving; enabling applications such as visual odometry.*

**Add:**

**Mandatory-PRF-05**

**FFOV refresh rate:** The CAST shall produce the native DEM data at a minimum refresh rate of 1 Hz or higher at the specified angular resolution or better for the FFOV.

**Mandatory-PRF-07**

**Reduce Resolution FFOV refresh rate:** The CAST shall produce the native DEM data at a refresh rate of 10 Hz or higher at a reduced angular resolution of 100x100 or higher for the FFOV.

*Rationale: the goal is enabling the capability of acquiring data while moving; enabling applications such as visual odometry.*

**ALL OTHER TERMS AND CONDITIONS OF THE RFP REMAIN UNCHANGED**