

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Réception des soumissions - TPSGC / Bid Receiving
- PWGSC
601-1550, Avenue d'Estimauville
Québec
Québec
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

Title - Sujet Sensors	
Solicitation No. - N° de l'invitation W7701-135595/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client W7701-13-5595	Date 2013-01-11
GETS Reference No. - N° de référence de SEAG PW-\$QCL-032-15112	
File No. - N° de dossier QCL-2-35509 (032)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-01-18	
Time Zone Fuseau horaire Heure Normale du l'Est HNE	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Boudrias, Marie-M.	
Buyer Id - Id de l'acheteur qcl032	
Telephone No. - N° de téléphone (418) 649-2806 ()	FAX No. - N° de FAX (418) 648-2209
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

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

The request for proposal W7701-135595/A is amended as follows:

1. Request for clarification :

Question 1:

What is the specific mode of operation planned for the IMU and what is the IMU accuracy in this mode?

Answer 1:

The IMU is part of the Applanix POS-LV 420 geo-positioning system. It is not possible to select a specific mode of operation.

The specifications for the Applanix POS-LV 420 system can be found at the following address:
http://applanix.com/media/downloads/products/specs/poslv_specifications12032012.pdf

Question 2:

In which format the software must produce the data?

Answer 2:

Task A.1: The software must generate a transformation matrix that allows to transform the points acquired with the HDL-32E LIDAR from the HDL-32E LIDAR's coordinate system to the IMU's coordinate system. The matrix must be saved as a comma-separated values (CSV) text file.

Task A.2: The software must generate a transformation matrix that allows to transform a 3D point from the IMU's coordinate system to the Ladybug 3 camera's coordinate system. The matrix must be generated as a comma-separated values (CSV) text file.

Task B.1: The generated time-indexed georeferenced 3D point clouds must be saved in the LAS 1.2 format. For each point, the following values are required: GPS Time, UTM Easting, UTM Northing, Ellipsoid Height, intensity.

Task B.2: For each spherical image acquired by the Ladybug 3 camera, six (6) raw images are saved to disk. The software must generate one binary file for each spherical image. In this binary file, for each pixel of the six raw images, the following values are required: UTM Easting, UTM Northing, Ellipsoid Height. If the pixel does not fall within the field-of-view of the HDL-32E LIDAR, the UTM Easting, UTM Northing and Ellipsoid Height values must be equal to -1.

Task B.3: The generated 3D point clouds must be saved in color in the LAS 1.2 format. Each point must comprise the following values: GPS time, UTM Easting, UTM Northing, Ellipsoid Height, intensity, color (R, G, B).

Solicitation No. - N° de l'invitation

W7701-135595/A

Client Ref. No. - N° de réf. du client

W7701-13-5595

Amd. No. - N° de la modif.

001

File No. - N° du dossier

QCL-2-35509

Buyer ID - Id de l'acheteur

qc1032

CCC No./N° CCC - FMS No/ N° VME

Question 3:

What tools does DRDC intend to use to visualize, validate and use the data to be delivered?

Answer 3:

The data produced by the software developed for this contract will be used in a visualization software developed by DRDC.

***** All the other clauses and conditions remain unchanged *****