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- TPSGC**

11 Laurier St. / 11, rue Laurier

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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

Electronics, Simulators and Defence Systems Div.

/Division des systèmes électroniques et des systèmes de
simulation et de défense

11 Laurier St. / 11, rue Laurier

8C2, Place du Portage

Gatineau

Québec

K1A 0S5

Title - Sujet OPTICAL TRACKING SYSTEM		
Solicitation No. - N° de l'invitation W7714-166116/A		Amendment No. - N° modif. 004
Client Reference No. - N° de référence du client W7714-166116		Date 2015-11-30
GETS Reference No. - N° de référence de SEAG PW-\$\$QF-113-25485		
File No. - N° de dossier 113qf.W7714-166116	CCC No./N° CCC - FMS No./N° VME	
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-12-04		Time Zone Fuseau horaire Eastern Standard Time EST
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: Martyniuk, David		Buyer Id - Id de l'acheteur 113qf
Telephone No. - N° de téléphone (819) 953-7336 ()		FAX No. - N° de FAX (819) 956-5650
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

This bid solicitation amendment # 004 is issued to respond to questions from bidders and make a change to the statement of work.

Modification no. 5

Within Modification no. 2 to the bid solicitation, Annex A – Statement of Work, Article 5.2 – Digital Video Recording (option) is amended as follows:

5.2 Digital Video Recording (option)

The Bidders must provide a price for Digital Video Recording with the following specifications:

Specification	Value
5.2.1 Digital video recording	The Contractor must provide preliminary design for digital video recording capabilities with storage for a minimum of 25 hours of time stamped video from the OT System video camera. The video must be recorded to a removable medium (e.g. a USB flash drive or external hard disk drive). This option, if exercised, will be exercised at Contract award. The video must be playable on Windows Media Player 12 or higher, or the Contractor must provide a user-friendly means of playing the recorded video.

Questions

Question #6

Reference: Annex A – Statement of Work, Section 5 - Requirements, 5.1 – Optical Tracking System (mandatory), Specification 5.1.8 – Video Tracking software, Bullet c

Question: What are the dimensions of the objects that are to be tracked?

Answer: As per the Statement of Work, the video tracking software of the Optical Tracking System, when used with the equipment proposed as part of the OT system, must be able to lock on and track:

- i. A 5m-long ship maneuvering at a range of 1km or less to 5km or more,
- ii. A 130m-long vessel maneuvering at a range of 4km or less to 10km or more, and
- iii. A 0.3m-diameter suspended metallic sphere used for radar cross section calibration and located at a range of 200m (or closer) to 500m (or further).

Question #7

Reference: Annex A – Statement of Work

Question: How many objects will need to be tracked simultaneously?

Answer: One.

Question #8

Reference: Annex A – Statement of Work, Section 5 - Requirements, 5.1 – Optical Tracking System (mandatory), Specification 5.1.8 – Video Tracking software, Bullet c

Question: What kind of objects do you want to track?

Answer: As per the Statement of Work, the video tracking software of the Optical Tracking System, when used with the equipment proposed as part of the OT system, must be able to lock on and track:

- i. A 5m-long ship maneuvering at a range of 1km or less to 5km or more,
- ii. A 130m-long vessel maneuvering at a range of 4km or less to 10km or more, and
- iii. A 0.3m-diameter suspended metallic sphere used for radar cross section calibration and located at a range of 200m (or closer) to 500m (or further).

Question #9

Reference: Annex A – Statement of Work

Question: On which area do you want to be able to track object?

Answer: Object center.

Question #10

Reference: Annex A – Statement of Work, Section 5 - Requirements, 5.1 – Optical Tracking System (mandatory)

Question: What is the size of the work space and size of the needed tracking space?

Answer: To be determined by Bidder to be practical for dimensions and range of objects of interests specified in Annex A – Statement of Work, Article 5.1.8 c

Question #11

Reference: Annex A – Statement of Work

Question: What precision is expected?

Answer: +/- 0.3 degree

Question #12

Reference:

- Bid Solicitation modification no. 2
- Annex A – Statement of Work, Article 5.2 – Digital Video Recording (option)

Question: Is playback of the Digital Video required?

Answer: Bidders should refer to modification no. 5, above.

Solicitation No. - N° de l'invitation
W7714-166116/A
Client Ref. No. - N° de réf. du client
W7714-166116

Amd. No. - N° de la modif.
04
File No. - N° du dossier
113qf.W7714-166116

Buyer ID - Id de l'acheteur
113qf
CCC No./N° CCC - FMS No./N° VME

Question #13

Reference: Annex A – Statement of Work, Section 5 - Requirements, 5.1 – Optical Tracking System (mandatory), Specification 5.1.8 – Video Tracking software, states:

*“...i. Support a position cue input which will allow the positioner to point at an angular position provided in real-time from an external source, and
j. Provide position cue output (azimuth and elevation angles), in real-time over LAN or serial bus. Alternatively, the Contractor may provide a means of recording to file the GPS, UTC or TAI time stamped positioner azimuth and elevation angles.”*

Question: How much delay can real-time have?

Answer: Real-time is defined as a delay of 1 second or less.

**ALL OTHER TERMS AND CONDITIONS OF THE SOLICITATION DOCUMENT
REMAIN UNCHANGED**