



National Defence

National Defence Headquarters
Ottawa, Ontario
K1A 0K2

Défense nationale

Quartier général de la Défense nationale
Ottawa (Ontario)
K1A 0K2

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

RETURN BIDS TO: RETOURNER LES SOUMISSIONS À :

By e-mail to: - Par courriel au :
DLP53BidsReceiving.DAAT53Receptiondessoumissions@forces.gc.ca

Attention: - Attention :
Sandy (Alexander) Ueffing

Title - Sujet High-Precision Survey Unmanned Aircraft System (UAS) - Système d'aéronef sans pilote (UAS) pour arpentage à haute précision		Amendment No. - N° modif. 2
Solicitation No. - N° de l'invitation W8476-196008/B	Date of Amendment - Date de modification 18 March - mars 2019	
Address enquiries to: - Adresser toute demande de renseignements à : Sandy (Alexander) Ueffing Telephone No. - N° de telephone 819-939-8920 E-Mail Address - Courriel Alexander.Ueffing@forces.gc.ca		
Destination See herein - Voir aux présentes		

Instructions: Municipal taxes are not applicable. Unless otherwise specified herein all prices quoted must include all applicable Canadian customs duties, GST/HST, excise taxes and are to be delivered Delivery Duty Paid including all delivery charges to destination(s) as indicated. The amount of the Goods and Services Tax/Harmonized Sales Tax is to be shown as a separate item.

Instructions : Les taxes municipales ne s'appliquent pas. Sauf indication contraire, les prix indiqués doivent comprendre les droits de douane canadiens, la TPS/TVH et la taxe d'accise. Les biens doivent être livrés « rendu droits acquittés », tous frais de livraison compris, à la ou aux destinations indiquées. Le montant de la taxe sur les produits et services/taxe de vente harmonisée doit être indiqué séparément.

Delivery required - Livraison exigée See herein - Voir aux présentes	Delivery offered - Livraison proposée
Vendor/Firm Name and Address - Raison sociale et adresse du fournisseur/de l'entrepreneur	
Person authorized to sign on behalf of Vendor/Firm (type or print): La personne autorisée à signer au nom du fournisseur/de l'entrepreneur (taper ou écrire en caractères d'imprimerie) :	
Name - Nom	Title - Titre
Signature	Date

Solicitation Closes - L'invitation prend fin

At - à :
2:00 PM - 14:00

On - le :
22 March - mars 2019

Time Zone - Fuseau Horaire :
Eastern Daylight Time (EDT)
Heure avancée de l'Est (HAE)

THIS SOLICITATION AMENDMENT IS RAISED TO:

1. Provide clarification and answers to questions from potential suppliers; and
2. Correct the time zone.

QUESTIONS AND ANSWERS:

Question 8	1) It is mentioned that it needs to support a 5 kg payload. Would it be possible to provide us with additional information on the payload such as inertial properties and Center of Gravity location?
Answer 8	Detailed information about the payload can't be disclosed.
Question 9	2) Is the payload installed to the gimbal is working independently from the on-board system of the UAV? Does it need to be powered from the UAV? Any type of connection required?
Answer 9	The payload will be fully independent from the Unmanned Aircraft (UA) system.
Question 10	3) Could you please provide us with the anchor bolt pattern of the RF transponder that needs to be installed to the gimbal.
Answer 10	There is no pre-defined bolt pattern for the payload, DND will develop the anchor system based on the UA payload attachment system.
Question 11	4) Does the system need to provide real-time feedback or flight recorded data of the gimbal orientation during flight?
Answer 11	The system is not required to provide real-time feedback or flight recorded data of the gimbal orientation during flight.
Question 12	5) Can you confirm that the gimbal needs to be "quick removed from the aircraft" and by that, do we need something that needs to be removed quickly on site or it can be done otherwise.
Answer 12	The system operator must be able to detach the gimbal in the field without specialized tools.
Question 13	6) Also, as we understood, both of the payloads can be installed on the UAV at the same time. We have difficulties understanding how the IR module would have a FOV free of objects if the gimbal is installed at the same time on the UAV.
Answer 13	The UAS must be able to fly with both payloads installed
Question 14	7) Section 2.6.1 / 2.6.2: The position reporting accuracy needs to be of +-20mm/+-30mm. Does this refer to the local precision of the system or the absolute accuracy on earth? If it refers to the absolute accuracy on earth, does DND have a way to measure the absolute location of the RTK Base Station on site. Is there any compatibility requirements with other survey equipment that the DND possesses.
Answer 14	DND has a way to measure the absolute location and there is no requirement for compatibility with other survey equipment.

Question 15	8) Section 2.7.9: GCSS needs to enable maps importation. What type of file are we required to import to the GCSS.
Answer 15	The system provider must provide the details about the type of map's files the system will support.

Question 16	9) Section 2.12.3 Our GCSS auto detects available firmware/software updates by connecting to our server. If the GCS is not connected via the internet, we can send the updates via email. Would that be accepted?
Answer 16	Yes this is acceptable

Question 17	10) Section 2.11 There is no mention of the Radio Controller link. Is the 2.11.2 requirement to affect only the Datalink or the Radio Controller link?
Answer 17	In both cases this is considered as a data link.

THIS SOLICITATION IS HEREBY AMENDED AS FOLLOWS:

2.1 DELETE from Page 1, Time Zone - Fuseau Horaire, "Eastern Standard Time (EST) - Heure normale de l'Est (HNE)" and REPLACE with "Eastern Daylight Time (EDT) - Heure avancée de l'Est (HAE)".

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.