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Bid Receiving Public Works and Government
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NA

Ontario

Revision to a Request for Supply Arrangement - Révision à une demande pour un arrangement en matière d'approvisionnement

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

Public Works and Government Services / Travaux
publics et services gouvernementaux
Kingston Procurement
Des Acquisitions Kingston
86 Clarence Street, 2nd floor
Kingston
Ontario
K7L 1X3

Title - Sujet Unmanned Aerial Systems (drones) fi Unmanned Aerial Systems (drones) fixed or rotary wing		
Solicitation No. - N° de l'invitation W3048-21KJ89/B		Date 2022-08-15
Client Reference No. - N° de référence du client W3048-21-KJ89		Amendment No. - N° modif. 001
File No. - N° de dossier KIN-0-54223 (519)	CCC No./N° CCC - FMS No./N° VME	
GETS Reference No. - N° de référence de SEAG PW-\$KIN-519-8553		
Date of Original Request for Supply Arrangement		2021-12-30
Date de demande pour un arrangement en matière d'app. originale		
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Standard Time EST on - le 2025-03-31 Heure Normale du l'Est HNE		
Address Enquiries to: - Adresser toutes questions à: Choquette, Herb		Buyer Id - Id de l'acheteur kin519
Telephone No. - N° de téléphone (613) 449-8446 ()		FAX No. - N° de FAX (613) 545-8067
Delivery Required - Livraison exigée		
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Department of National Defence Ottawa, ON		
Security - Sécurité This revision does not change the security requirements of the solicitation. Cette révision ne change pas les besoins en matière de sécurité de l'invitation.		

Instructions: See Herein

Instructions: Voir aux présentes

Acknowledgement copy required	Yes - Oui	No - Non
Accusé de réception requis	<input type="checkbox"/>	<input type="checkbox"/>
The Offeror hereby acknowledges this revision to its Offer. Le proposant constate, par la présente, cette révision à son offre.		
Signature	Date	
Name and title of person authorized to sign on behalf of offeror. (type or print) Nom et titre de la personne autorisée à signer au nom du proposant. (taper ou écrire en caractères d'imprimerie)		
For the Minister - Pour le Ministre		

Bidders Questions and Responses from Canada

Question 1: The UAS we want to offer you and the Canadian government has a Military Type Certification (MTC), from one of the most influential authorities within NATO.

Therefore, can you help us to understand what's the process to have our UAS evaluated by a Defence security agency of Canada? Or is it possible to provide you directly with the reports and documentation as part of the mandatory requirements from the NATO agency?

Response 1: Military Type Certificates do not address cyber assurance, only airworthiness, and will not be accepted as a substitute for Cyber assurance testing. These new requirements are inline with our closest allies to ensure there are no vulnerabilities in systems or components that could increase risk to Mission or personnel when employed in contested environments.

ANNEX "A", REQUIREMENTS

Insert:

Appendix 1 to Annex "A" – Cyber assessment requirements

Background

This document provides guidance on the testing and reporting requirements, for specific robotic systems proposed to the Department of National Defense (DND).

The Assessment report, may include, but not be limited to the following information, on the specific Robotic system (UAS or UGV) proposed.

1. An executive summary, outlining the overall results of the test;
 - a. Background on the testing agency or company;
 - b. Date of test;
 - c. Make, Model, and firmware version of robotic system and components;
2. A detailed analysis, including but not limited to the following:
 - a. Test methodologies, and external monitoring equipment (with associated dates of calibration)
 - b. Robotic System initial activation requirements (ie does the system need to be registered with the Original Equipment Manufacturer on initial activation.
 - c. Flight / Data log storage locations and encryption protocols;
 - d. Media storage locations and encryption protocols;
 - e. Other information stored on the system such as historical usage that persists beyond a power cycle.
 - f. Firmware Upgrades, how are they rolled out and connection requirements.
 - g. External Communication components
 - i. Validation of Encryption implementation on the RF Data links between the Vehicle and Control Station "the system";
 - ii. Vehicle - which radios are present on the vehicle and what are they used for;
 - iii. Control station – what radio components are present in the control station, and can each radio be manually turned off.
 - iv. Validation that there are no additional networking components, outside of the robotic system itself, that could permit data to be sent external to the system.

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3. Recommendations to enhance the current system security.
 - a. Overall product security, and recommended improvements to the system hardware, if any.
 - b. User Security Experience – for example
 - i. addition of prompts to user for ensuring encryption is configured
 - ii. addition of features to allow SD cards to be wiped, without removing the provisioned encryption key.
 - c. Additions to User manual
 - i. Recommend potential additions to the user manual or operator guide for enhancing the system security.
 4. National Defence Authorization Act (NDAA) 2020 Compliance, if Any
 - a. Statement of validation of NDAA compliance,
 - b. Countries of origin and manufacturing locations of overall system, and components.
 5. Photographs of internal system components that would be of interest to DND, including but not limited to:
 - a. Antennas;
 - b. GPS Chips;
 - c. Radio or networking components, including cellular, wifi, Bluetooth etc;
 - d. Flash memory storage chips;