



National Defence

Défense nationale

National Defence Headquarters  
Ottawa, Ontario  
K1A 0K2

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

## SOLICITATION AMENDMENT / MODIFICATION DE L'INVITATION

### RETURN BIDS TO / RETOURNER LES SOUMISSIONS À:

Director Services Contracting 3 (D Svcs C 3)  
Direction des contrats de service 3 (DC Svc 3)  
Attention: Binh Duong  
Par courriel à: [BINH.DUONG@forces.gc.ca](mailto:BINH.DUONG@forces.gc.ca)

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

<b>Title / Titre</b> Environmental Monitoring Systems (EMS)	
<b>Solicitation No. / N° de l'invitation</b> W6369-22-A009	<b>Amendment No. / N° de la modification</b> 06
<b>Date of Amendment / Date de la modification</b> 15 February 2023	
<b>Address Enquiries to / Adresser toutes questions à:</b> Binh Duong , D Svcs C 3-3-3 <a href="mailto:BINH.DUONG@forces.gc.ca">BINH.DUONG@forces.gc.ca</a>	
<b>Telephone No. / N° de téléphone</b>	<b>FAX No. / N° de fax</b>
<b>Destination</b> National Defence Headquarters Central Medical Equipment Depot (CMED) 105 Montgomery Road, Building BB-104 Petawawa, Ontario K8H 2X3	

**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.**

<b>Solicitation Closes / L'invitation prend fin:</b>
At / à:  02:00 PM Eastern Standard Time (EST)
On / le:  22 February 2023

<b>Delivery Required / Livraison exigée</b>	<b>Delivery Offered / Livraison proposée</b>
<b>Vendor Name and Address / Raison sociale et adresse du fournisseur</b>	
<b>Name and title of person authorized to sign on behalf of vendor (type or print) / Nom et titre de la personne autorisée à signer au nom du fournisseur (caractère d'imprimerie)</b>	
Name – Nom _____ Title – Titre _____	
Signature _____ Date _____	



**AMENDMENT 06 TO SOLICITATION NUMBER W6369-22-A009 IS RAISED TO:**

1. Provide clarification and answers to questions from potential suppliers;
2. Update Annex A – Requirement, Article 6; and
3. Extend the solicitation closing date from 17 February 2023 to 22 February 2023.

**QUESTIONS AND ANSWERS:**

<b>Question 28</b>	On page 80 “ SRCL- Part B- under 10. a)” under special comments: “Secret required only for those identified in the Cloud IT Security Obligations document, serial 29 para c” The Cloud IT Security Obligations document (Appendix 3 To Annex C) does not include any reference to serial 29 para c. Can DND provide the reference to serial 29 para c?
<b>Answer 28</b>	Please see page 84, Appendix 1 to Annex C – SRCL Supplemental Security Guide, Part B - Multiple Levels of Personnel Screening: Security Classification Guide.
<b>Question 29</b>	While working on the proposal, we noticed that there is a range requirement for devices provided, being a maximum range of 30 meters. We primarily work with LoRaWAN as our communication technology. This allows the signal to travel further than the noted maximum range. As part of the LoRaWAN protocol, all up and down traffic is two way encrypted between sensor and gateway, with randomized and unique identifiers that are generated during the join protocol. The requirements mention that the range limit is due to security, we believe we can provide the same security and further coverage using fewer gateways while still maintaining the highest level of security with using LoRaWAN for this project.
<b>Answer 29</b>	The requirement has been revoked and the RFP is amended. The wireless range is no longer limited to 30m. A solution that allows long-range (above 30m) communication is acceptable.

**SOLICITATION NUMBER W6369-22-A009 IS HEREBY AMENDED AS FOLLOWS:**

1. **DELETE** Annex A – Requirement, Article 6 in its entirety, and **REPLACE** with the following:

**6. IT REQUIREMENTS**

6.1 Wireless probes-transmitters

6.1.1 For systems that use wireless probes-transmitters, they must:

- 6.1.1.1 Meet the Radio Standard Specifications of Innovation, Science and Economic Development Canada (ISED). The Contractor must provide a proof of Technical Acceptance Certificate (TAC); and
- 6.1.1.2 Provide a general description of their intended spectrum usage: intended frequency bands, number of channels required, approximate transmitting power, and approximate bandwidth requirements. The use of diagrams to facilitate system operation understanding is required.



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- 6.1.2 Web-based platform security:
  - 6.1.2.1 The data must be processed in an Operation Zone;
  - 6.1.2.2 The software must include a security audit log function to enable the detection of incidents; and
  - 6.1.2.3 The software must comply with minimum standard that is Advanced Encryption Standard 128 (AES-128) and Transport Layer Security 1.2 (TLS 1.2).

**ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.**