



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)
Attention: Lana Ibrahim
Par courriel à: Lana.Ibrahim@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

Title / Titre	
Environmental Monitoring Systems (EMS)	
Solicitation No. / N° de l'invitation	Amendment No. / N° de la modification
W6369-22-A009	01
Date of Amendment / Date de la modification	
04 January 2023	
Address Enquiries to / Adresser toutes questions à:	
Lana Ibrahim, D Svcs C 3-4-2 Lana.Ibrahim@forces.gc.ca	
Telephone No. / N° de téléphone	FAX No. / N° de fax
Destination	
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.

Solicitation Closes / L'invitation prend fin:
At / à:
02:00 PM Eastern Standard Time (EST)
On / le:
26 January 2023

Delivery Required / Livraison exigée	Delivery Offered / Livraison proposée
Vendor Name and Address / Raison sociale et adresse du fournisseur	
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)	
Name – Nom _____	Title – Titre _____
Signature _____	Date _____



AMENDMENT 01 TO SOLICITATION NUMBER W6369-22-A009 IS RAISED TO:

1. Provide clarification and answers to questions from potential suppliers.

QUESTIONS AND ANSWERS:

Question 1	It seems you are prohibiting ranges to be above 30 meters (section 6.1.1.2). Does it mean that you do not want any long-range communication protocols between sensors and the gateway?
Answer 1	Yes, as specified in the IT requirements, the wireless range must be limited to 30m for security purposes. The system should not have any long-range (above 30m) communication protocols between the sensors and gateway.
Question 2	If this is the case, do you recommend any specific short-range wireless protocol instead?
Answer 2	We do not have a recommendation for a specific short range wireless protocol. It's up to the manufacturer to select the most appropriate protocol for their system.
Question 3	The Environmental Monitoring Systems (EMS) must have a battery backup (section 4.11): Do you consider then that the sensors measuring the temperature are powered at all times and cannot mainly operate on batteries?
Answer 3	As stated in the requirements, the Environmental Monitoring Systems (EMS) must have a battery backup, this does not mean that it should mainly operate on batteries. The proposed system must continue to operate in cases of power outage through a battery backup. Sensors that do not have a battery backup will not be considered.
Question 4	As far as data repository is concerned, do you accept data hosted on a secure cloud like AWS?
Answer 4	A secure cloud like AWS can be used for your system if it fully satisfies all the security requirements for clouds. DND has very high security specific requirements that the cloud must satisfy, these requirements can be found in the RFP as follows: <ol style="list-style-type: none"> i. Please refer to section 3.3.5 (p.94) under the minimum IT security requirements section. The 3.3.5 cloud technology section lists the conditions for the use of public or third party "cloud" technology to store / process / create Proprietary Information. ii. Additionally, please refer to APPENDIX 3 TO ANNEX C – IT CLOUD SECURITY OBGLIGATION (p.101-123) for additional safety requirements for any cloud service that would house DND's protected data.
Question 5	What are the conditions to be admitted for the field trial in Halifax that you are mentioning?
Answer 5	There are no additional conditions for the field trial in Halifax. All the conditions and requirements for the acceptance field trial are listed under APPENDIX 2 TO ANNEX A – ENVIRONMENTAL MONITORING SYSTEM – ACCEPTANCE TESTING CHECKLIST (p.52). The checklist outlines all the EMS functions to be tested as well as the means of compliance.



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