



National Defence

Défense nationale

National Defence Headquarters
Ottawa, Ontario
K1A 0K2

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

REQUEST FOR PROPOSAL DEMANDE DE PROPOSITION

RETURN BIDS TO: RETOURNER LES SOUMISSIONS À :

Bid Receiving – PWGSC / Réception des
soumissions - TPSGC
11 Laurier St. / 11 rue Laurier
Place du Portage, Phase III
Core 0B2 / Noyau 0B2
Gatineau
Québec
K1A 0S5
FAX : 819-997-9776

Proposal To: National Defence Canada

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods and services listed herein and on any attached sheets at the price(s) set out therefore.

Proposition à : Défense nationale Canada

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens et services énumérés ici et sur toute feuille ci-annexée, au(x) prix indiqué(s).

Solicitation Closes – L’invitation prend fin

At – à : 14:00 EST

On - le :

2018/12/19

Title/Titre SMART Antenna, ANTI-JAM PROTECTION/ Antenne INTELLIGENT, PROTECTION ANTI-BOURRAGE	Solicitation No – N° de l’invitation : W8472-195743/A
Amendment 002	
Address Enquiries to – Adresser toutes questions à Okafo EKE, Ifeoma D MAR P 2-2-4 Ifeoma.okafoeke@forces.gc.ca	
Telephone No. – N° de téléphone : Ifeoma.okafoeke@forces.gc.ca	FAX No – N° de fax
Destination: Department of National Defence CFB Halifax Main Warehouse Bldg D-206 Door 1 thru 13 HMC Dockyard Halifax, NS, B3K 5X5 Canada	

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	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 _____

Request for Proposal (RFP): W8472-195743/A SMART Antenna, ANTI-JAM PROTECTION

This Amendment is raised to extend to extend the solicitation closing date and to answer Bidder Questions.

Question 1. Will Canada specify the required Anti-Jam J/S performance specification (measured in dB)?

Answer 1: No

Question 2. In the interest of increasing Anti-Jam resistance from multiple adversary jammers and other sources of shipboard interference, will you increase the minimum number of antenna elements by mandating that up to 6 jamming sources must be handled by the AJ solution concurrently?

Answer 2. No. As stated in the TSOR, the requirement is for the protection against a minimum of three (3) jamming sources.

Question 3. Will Canada accept a full-featured solution that includes the CRPA physical antenna, the AJ antenna and other electronics to provide PNT directly to the NavDDS, bypassing any compatibility issues with the installed GPS cards?

Answer 3. As stated in the TSOR, any proposed Anti-Jamming solution must interface with the current fitted GPS receiver.

Question 4. Please confirm that proposals must include both the physical CRPA antenna and the antenna electronics package that performs the AJ function (whether integrated together into one unit or not?).

Answer 4. Correct. Proposals must include both the physical CRPA antenna and the antenna electronics package which performs the anti-jam function. Proposed solutions may be integrated together into one unit or may consist of multiple units.

Question 5. The real AJ performance happens in the antenna electronics. Will Canada specify a specific physical CRPA antenna to provide a common basis of assessment for all proposed antenna electronics AJ systems?

Answer 5. No, Canada will not specify a specific physical CRPA antenna.

Question 6. System AJ performance is best when simultaneous L1/L2 protection is provided by a true 2- channel architecture and not a time multiplexed single channel. Is this the intent in this RFP?

Answer 6. As stated in the TSOR, Canada requires that the proposed solution provide simultaneous L1/L2 protection. The method to obtain simultaneous L1/L2 protection is not specified.

Question 7. An RFP seeking a lowest-cost solution is likely to procure a less capable AJ solution for the RCN to test, compared to a 'best value' evaluation. Can the evaluation be changed to award rated points to valuable capabilities such as:

- An AJ system with more antenna elements/channels, providing protection from more jamming sources
- Increased J/S performance
- M-Code compatibility
- Direction finding capability
- Simultaneous 2-channel L1/L2 protection

Answer 7. No, Canada will not change the evaluation to a 'best value'. The evaluation will remain 'lowest cost compliant'.

Question 8. In anticipation of Canada's response to various questions, and to provide enough time to address Canada's requirements, will Canada extend the solicitation closing date by an additional two weeks?

Question 8. Yes, extension has been applied