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Security and Information Operations  
Division/Division de la securite et des operations  
d'information  
11 Laurier St. / 11, rue Laurier  
8C2, Place du Portage  
Gatineau  
Québec  
K1A 0S5

**LETTER OF INTEREST**  
**LETTRE D'INTÉRÊT**

Comments - Commentaires

Vendor/Firm Name and Address  
Raison sociale et adresse du  
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution  
Security and Information Operations Division/Division de  
la securite et des operations d'information  
11 Laurier St. / 11, rue Laurier  
8C2, Place du Portage  
Gatineau  
Québec  
K1A 0S5


<b>Title - Sujet</b> RFI Radiofrequency interdiction tec	
<b>Solicitation No. - N° de l'invitation</b> 21120-155467/A	<b>Date</b> 2015-01-29
<b>Client Reference No. - N° de référence du client</b> 21120-15-2125467	<b>GETS Ref. No. - N° de réf. de SEAG</b> PW-\$\$QE-071-24941
<b>File No. - N° de dossier</b> 071qe.21120-155467	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2015-03-11</b>	
<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Standard Time EST	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Munro, Celine	<b>Buyer Id - Id de l'acheteur</b> 071qe
<b>Telephone No. - N° de téléphone</b> (819) 956-0586 ( )	<b>FAX No. - N° de FAX</b> (819) 956-6907
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>  Specified Herein Précisé dans les présentes	

Instructions: See Herein

Instructions: Voir aux présentes

<b>Delivery Required - Livraison exigée</b> See Herein	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>    <b>Telephone No. - N°de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>   <b>Signature</b>   <b>Date</b>	

Destination Code - Code destinataire	Destination Address - Adresse de la destination		Invoice Code - Code bur.-comptable	Invoice Address - Adresse de facturation
D - 1	N / A		I - 1	N / A

<div>  <div> <div>Public Works and Government Services</div> <div>Canada</div> </div> </div>		Travaux publics et Services gouvernementaux Canada		Document No.21120-155467/A		Part - Partie 1 of - de 2		See Part 2 for Clauses and Conditions Voir Partie 2 pour Clauses et Conditions	
Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Unit Price/Prix unitaire FOB/FAM Destination Plant/Usine		Delivery Req. Livraison Req.	Del. Offered Liv. offerte
1	RFT Radiofrequency interdiction technology	D-1	I-1	1	Each	\$	XXXXXXXXXXXX	See Herein	

Solicitation No. - N° de l'invitation

21120-155467/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

071qe

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No/ N° VME

21120-15-2125467

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# **REQUEST FOR INFORMATION**

## **RADIOFREQUENCY INTERDICTION TECHNOLOGY**

## TABLE OF CONTENTS

<b>1.0 GENERAL.....</b>	<b>3</b>
<b>2.0 Background.....</b>	<b>3</b>
<b>2.1. Correctional Service Canada.....</b>	<b>3</b>
<b>3.0 RADIOFREQUENCY INTERDICTION TECHNOLOGY.....</b>	<b>3</b>
<b>4.0 OBJECTIVES OF THIS REQUEST FOR INFORMATION.....</b>	<b>3</b>
<b>5.0 REQUESTED INFORMAITON.....</b>	<b>4</b>
<b>6.0 RESPONSE FORMAT.....</b>	<b>4</b>
<b>7.0 NOTE TO RESPONDENTS.....</b>	<b>4</b>
<b>8.0 TREATEMENT OF RESPONSES.....</b>	<b>5</b>
<b>9.0 ENQUIRIES.....</b>	<b>5</b>
<b>10.0 CLOSING DATE AND SUBMISSION OF RESPONDENT INFORMATION.....</b>	<b>5</b>
<b>PACKAGED.....</b>	<b>5</b>
<b>11.0 CONTACTING AUTHORITY.....</b>	<b>6</b>
<b>12.0 ATTACHMENT.....</b>	<b>6</b>

## 1.0 GENERAL

- 1.1 The Correctional Service Canada (CSC) is seeking availability information from industry for a ..... Radiofrequency Interdiction Technology solution.
- 1.2 The documentation in this Request for Interest (RFI) describes the high level technical specifications for the systems.
- 1.3 The information received will be used for planning purposes only and there is no guarantee that the project will be approved or subsequent contracts awarded.

## 2.0 Background

### 2.1. Correctional Service Canada

Correctional Service Canada (CSC) is an agency within the portfolio of Public Safety. The portfolio brings together key federal government organizations involved in public safety, including the Royal Canadian Mounted Police, the Parole Board of Canada, the Canada Border Services Agency, the Canadian Security Intelligence Service, and three review bodies.

CSC contributes to public safety through the custody and reintegration of offenders. More specifically, CSC is responsible for administering court-imposed sentences for offenders sentenced to two years or more. This includes both the custodial and community supervision of offenders with Long Term Supervision (LTSOs) for periods of up to 10 years. CSC is currently responsible for approximately 15,000 offenders incarcerated in institutions and 9,000 offenders under supervision in the community.

CSC has a presence from coast to coast, in large urban centres with increasingly diverse populations, to more remote communities across the North. CSC manages institutions, treatment centres, Aboriginal healing lodges, community correctional centres, and parole offices. In addition, CSC has five regional headquarters that provide management and administrative support and serve as the delivery arm of CSC's programs and services.

## 3.0 RADIOFREQUENCY INTERDICTION TECHNOLOGY

Over the past decade, despite efforts to locate and seize them, the prevalence and use of mobile phones by inmates housed within Canadian Federal Correctional Facilities (Institutions) has been increasing. Correctional Service Canada (CSC) has initiated an investigation into more effective methods of prevention.

In addition to mobile phones, other forms of illicit radiofrequency (RF) communication have the potential to facilitate criminal activities in or around Institutions. An examination of methods for the prevention of prohibited RF communications is of interest to CSC.

## 4.0 OBJECTIVES OF THIS REQUEST FOR INFORMATION (RFI)

- 4.1 As stated above, CSC is exploring a variety of technologies and methods to prevent prohibited RF communications.
- 4.2 The purpose of this Request for Information (RFI) is to communicate CSC requirements and invite industry experts and potential suppliers of relevant products and services to provide input as to potential solutions and approaches to meet CSC's requirement or to re-align CSC's expectations with industry capability, experience, and direction. The information may be used to support the Government of Canada's decision-making process.
- 4.3 CSC has decided that the issuance of a Request for Information (RFI) to the industry, in order to elicit the expert opinions of private sector organizations specializing in the development and/or provision of relevant solutions. To invite industry experts and potential suppliers to share their insights on any potential improvements to CSC's planned approach toward the prevention of illicit RF communications.
- 4.4 This is not a bid solicitation and no Contract will result directly from this RFI. As a result, potential suppliers of any goods or services described in this RFI should neither reserve stock or facilities, nor allocate resources, as a result of any information contained in this RFI. Nor will this RFI result in the creation of any source list or pre-qualification. Therefore, whether or not any potential supplier responds to this RFI will not preclude that supplier from participating in any future procurement.
- 4.5 Partial responses will be acceptable.

## 5.0 REQUESTED INFORMATION

Based on the requirements detailed in this document, the RFI seeks potential suppliers to provide the following information:

- 5.1 Respondents are requested to provide their comments, concerns, and, where applicable, alternative recommendations regarding how the requirements or objectives described in this RFI could be satisfied. Respondents should explain their rationale for a change or addition to the request for information.
- 5.2 In responding to this RFI, respondents should clearly identify all assumptions with clear explanations as to why those assumptions were made.
- 5.3 Respondent point of contact for future communications.

## 6.0 RESPONSE FORMAT

- 6.1 There is no formal structure or format that a response to this RFI should meet. The Respondent should feel free to submit whatever information it feels would make a useful and relevant contribution to CSC's analysis of this project and the development of solicitation documents to procure products and/or services to fulfill its requirements.
- 6.2 Respondents to this RFI are requested to cite the questions appearing at Annex "A" and to provide any other additional documentation by mail to the PWGSC Contracting Authority in order to facilitate review. This will aid CSC personnel in the gathering and collating of submitted information addressing specific areas of the project. Two (2) complete copies of the submission are requested.

## 7.0 NOTE TO RESPONDENTS

- 7.1 This Request for Information (RFI) consists of draft Technical Specifications which are subject to change based on feedback/information provided by industry.
- 7.2 The issuance of this RFI does not create an obligation for Canada to issue a draft or final Request for Proposal, and does not bind Canada legally or otherwise, to enter into any agreement or to accept or reject any suggestions.
- 7.3 Canada assumes no responsibility or obligation with respect to the cost of preparing a response to this RFI.
- 7.4 Participation in this RFI is not a condition or prerequisite for participation in any subsequent draft or final Request for Proposal (RFP). As a result of this RFI there will be no short listing of firms for the purposes of undertaking future work.
- 7.5 Respondents to this RFI should clearly identify all submitted information as to whether or not it must be considered as confidential and/or proprietary. Information provided in response to this RFI will be divulged only to the review team authorized to participate in this activity. Items identified as proprietary will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the questions or may request that the Respondent do so, so that the proprietary nature of the question is eliminated, and the enquiry can be answered with copies to all Respondents. Enquiries not submitted in a form that can be distributed to all Respondents may not be answered by Canada.
- 7.6 Canada reserves the right to invite one, some, or all of the Respondents to present their submissions and/or perform a product demonstration. CSC retains the option to invite any Respondent for further clarification and/or demonstration at no cost to Canada.



- 7.7 Any discussions on this subject with CSC or PWGSC, or any other Government of Canada representative, or other personnel involved in project activities, shall not be construed as an offer to purchase or as a commitment by CSC, PWGSC or the Government of Canada as a whole.

## **8.0 Treatment of Responses**

### **8.1 Use of Responses**

Responses will not be formally evaluated. However, the responses received may be used by CSC to develop or modify procurement strategies or any draft documents contained in this RFI. CSC will review all responses received by the RFI closing date. CSC may, at its discretion, review responses received after the RFI closing date.

### **8.2 Review Team**

A review team composed of representatives of CSC will review the responses. CSC reserves the right to hire any independent consultant, or use any Government resources that it considers necessary to review any response.

## **9.0 Enquiries**

- 9.1 All enquiries, clarification requests and other communications related to this RFI shall be directed in writing only to the Public Works and Government Services Canada (PWGSC) Contracting Authority.

## **10.0 CLOSING DATE AND SUBMISSION OF RESPONDENT INFORMATION PACKAGES**

Responses to this RFI are to be submitted to the PWGSC Contracting Authority identified in article 10.0, on or before the close of business on March 11, 2015 at 14:00 EST.

## 11.0 CONTRACTING AUTHORITY

The single point of contact for this RFI is:

***Céline Munro***

Supply Specialist

Public Works and Government Services Canada

Acquisitions Branch

Electronics, Munitions and Tactical Systems Procurement Directorate

11 Laurier Street, PDP III, 8C2

Gatineau, Quebec

K1A 0S5

Telephone: 613-956-0586

Facsimile: 613-956-6907

E-mail address: celine.munro@pwgsc.gc.ca

## 12.0 ATTACHMENT:

### Annex "A" Technical Specification

## ANNEX A - Technical Specifications

### 1.0 INTRODUCTION

The objectives of this Request for Information (RFI) is to obtain availability information from industry for a Radiofrequency Interdiction Technology solution. This document provides high level specification and details the information that is requested from industry.

### 2.0 CSC Requirements

The following is a list of high-level requirements CSC has identified for a RF Interdiction Technology solution. This list was developed through a preliminary examination of the factors driving the need for a solution and is not representative of specific project development requirements.

During the examination of the prevention of prohibited RF communications, several areas have been identified as operational drivers. CSC would like to better understand the possibilities of addressing those drivers with a solution.

The solution must (solutions meeting only these requirements are satisfactory and details on their capabilities are desirable):

1. Provide CSC with the ability to prevent prohibited RF communication originating within the bounds of an Institution. This solution should be both scalable and expandable.
2. Be able to prevent RF communication on all mobile phone licensed bands.

The solution should (solutions meeting one, some, or all of these requirements in addition to the above are highly desirable, though not necessarily ideal depending on associated factors):

3. Provide the ability to prevent prohibited RF communication on all unlicensed bands used in popular commercial applications (e.g. radio-controlled vehicles, CB-radio, Wi-Fi, etc.).
4. Provide an alert when a prohibited RF communication attempt is detected.
5. Provide a monitoring entity with the physical location of a device making a prohibited RF communication attempt.
6. Allow authorized devices to employ RF communications within the bounds of an Institution.

### 3.0 Areas of Specific Interest

These are some of the key elements for which CSC is seeking feedback. Though Respondents are invited to make any comments or suggestions freely, CSC does request that Respondents comment specifically on the subjects addressed in the questions below. CSC also requests that Respondents indicate the number of the question listed below to which the responses pertain.

- 
1. Is there an approach to RF Interdiction that can eliminate the possibility of "dead-zones" of coverage within the Institution? If not, is there a technology available that can locate these "dead-zones" preferably with a minimum level of effort required from CSC human resources.
  2. Is there an approach to RF Interdiction that can minimize, or mitigate altogether, the impact of "over-coverage" to the areas surrounding Institutions? What approaches are available to reduce or remove the effect of the solution upon unintended devices?
  3. Based on the requirements defined in Section 3.0 above, is there a solution currently available that can meet those broad requirements by providing a technological product with an accompanying service? If so, could you please describe your vision of this solution and your recommended approach to implementation?
  4. With regard to the technology associated with the recommendations, how mature is the product? Please describe how the technology has evolved and where it has been deployed to customers in the past.
  5. Please articulate the business model and pricing methodology pertaining to your recommended solution. Are there variations to the financial model you employ (e.g. different types of user licences, enterprise licences, maintenance subscriptions, leases, bulk discounts, turnkey services, etc.)?
- Note: All financial details from Respondents will be treated as proprietary and confidential information if the Respondent makes a declaration of confidentiality in its submission.*
6. How is your organization positioned in the industry with regard to the development and implementation of a solution such as that you have recommended?
  7. Are there any important considerations that you feel need to be added to our understanding of the possible solution?