



**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

Quebec

K1A 0S5

Bid Fax: (819) 997-9776

**SOLICITATION AMENDMENT  
MODIFICATION DE L'INVITATION**

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**

Detection, Simulation and Optical Systems Division

Place du Portage III, 8C2

11 rue Laurier Street

Gatineau

Quebec

K1A 0S5

<b>Title - Sujet</b> WESM - RFI/LOI Weapons Effect System Modernization	
<b>Solicitation No. - N° de l'invitation</b> W8476-216429/B	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> W8476-216429	<b>Date</b> 2022-01-27
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$QT-011-28477	
<b>File No. - N° de dossier</b> 011qt.W8476-216429	<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> Eastern Standard Time EST <b>on - le 2022-04-29</b> Heure Normale de l'Est HNE	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Derby(QT Div), Sandra	<b>Buyer Id - Id de l'acheteur</b> 011qt
<b>Telephone No. - N° de téléphone</b> (873) 355-4982 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

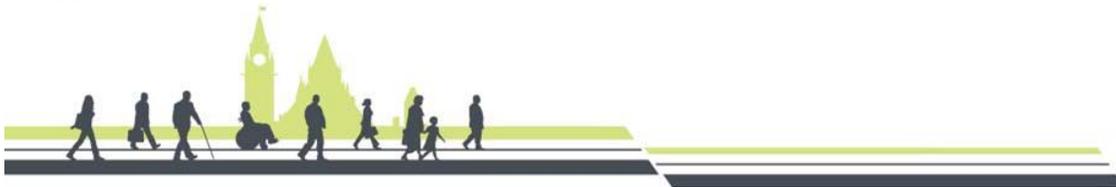
<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person 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>



Public Services and  
Procurement Canada

Services publics et  
Approvisionnement Canada

Canada



Serving  
GOVERNMENT,  
serving  
CANADIANS.

***THIS AMENDMENT EXTENDS THE DATE FOR SUBMISSION OF RESPONSES TO ANNEX A QUESTIONS AND INDUSTRY DAY ONLY. NO FURTHER EXTENSIONS WILL BE GRANTED.***



# Weapon Effects Simulation Modernization Request for Information

## 1. Purpose and Nature of the Request for Information (RFI) Process

1.1 Public Services and Procurement Canada (PSPC) is requesting industry feedback regarding the Weapon Effects Simulation Modernization (WESM) procurement on behalf of the Department of National Defence.

Annex A “Questions to Industry” is attached to this RFI. Industry is requested to review these questions and provide answers to the PSPC Contracting Authority identified under Article 5 “Contracting Authority” on or before **March 4, 2022**, followed by Industry day.

In light of the current COVID-19 pandemic, and its impact on government operations and those of industry, please inform the Contracting Authority if you intend to submit your responses to the Annex A questions after Canada’s requested response date.

### **THIS IS THE SECOND OF MULTIPLE POTENTIAL ENGAGEMENT ACTIVITIES PLANNED UNDER THIS PROCESS.**

1.2 The intent of this RFI is to keep the lines of communication open between GoC and industry throughout the various stages of the engagement process, PSPC intends to release future engagement activities which will clearly identify the information Canada is requesting and the requested industry response date. The purpose of this RFI is to:

- a. provide a single point of official program communication with industry;
- b. collaborate with industry on elements of the requirements as live simulation and training technology evolves along with how the sustainment and business enterprises are developed through the resulting contract terms and conditions;
- c. answer questions from industry to ensure all interested participants receive the same information;
- d. provide schedule updates; and
- e. hold industry meetings and engagement activities as necessary.

1.3 The objective of this RFI process is to:

- a. ensure Canada’s expectations for engagement are clear and easy for industry to understand;
- b. foster innovation and deliver the best solution possible for Canada;
- c. fully understand potential WESM solutions the market has to offer and leverage industry expertise to develop an efficient and effective sustainment and procurement strategies that achieves the procurement’s objectives and best value to Canada;



- 
- d. proactively communicate the Government's commitment to support live simulation in both static locations (rural and urban) and deployed training environments through a fair, open, transparent, and competitive procurement process;
  - e. communicate timely, relevant, and easy-to-understand information to ensure suppliers understand what the procurement process aims to achieve and how they can participate;
  - f. foster productive and positive working relationships with the potential WESM supplier community to ensure the procurement's objectives are achieved;
  - g. seek feedback and validation from industry on various critical aspects to enable the development of the future WES capability; specifically, the two preliminary sets of major operational requirements, one per project option: decentralized (focus on various locations throughout Canada) and centralized (focus on Canadian Forces Base Wainwright, Alberta); and
  - h. advise industry of potential engagement activities such as Industry Day events, site visits, one-on-one meetings, Price and Availability (P&A) and other potential engagement activities.

1.4 This RFI is neither a call for tender nor an RFP. No agreement or contract will be entered into based on this RFI process. The issuance of this RFI is not to be considered in any way a commitment by the Government of Canada, nor as authority to potential respondents to undertake any work that could be charged to Canada. This RFI process is not to be considered as a commitment to issue a subsequent solicitation or award contract(s) for the work described herein.

Although the information collected may be provided as commercial-in-confidence (and, if identified as such, will be treated accordingly by Canada), Canada may use the information to assist in drafting the technical document (which are subject to change).

Respondents are encouraged to identify, in the information they share with Canada, any information that they feel is proprietary, third party or personal information. Please note that Canada may be obligated by law (e.g. in response to a request under the Access of Information and Privacy Act) to disclose proprietary or commercially-sensitive information concerning a respondent (for more information: <http://laws-lois.justice.gc.ca/eng/acts/a-1/>).

Respondents are asked to identify if their response, or any part of their response, is subject to the Controlled Goods Regulations.

Although participation in this RFI process is not mandatory, industry is strongly encouraged to engage early in the process to avoid being at a disadvantage. There will be no short-listing of potential suppliers for the purposes of undertaking any future work as a result of this RFI. Similarly, participation in this RFI is not a condition or prerequisite for the participation in any potential subsequent solicitation.

Respondents will not be reimbursed for any cost incurred by participating in this RFI process.



## 2. Background Information:

The WESM project will modernize the Canadian Army (CA) WES training system to enable individual and collective training in order to deliver combat effective CA units and formations.

The WES capability was acquired by the CA to address the deficiency in simulating realistic weapon effects during force-on-force field training exercises. The WES system provides soldiers the opportunity to train in the way that they would fight, utilizing actual weapons and vehicle platforms as they would be used in theatre and on deployments. This capability provides data and products for effective after-action reviews to enhance the commanders' ability to train and evaluate the readiness of their troops in both an urban and rural training environment. There are four (4) instrumented static sites (with fixed exercise control center) located in Wainwright, Alberta, Gaagetown, New Brunswick, Petawawa, Ontario and Valcartier, Quebec in addition to a mobile capability which can be used anywhere within Canada, including the two (2) non-instrumented sites, one located in Edmonton, Alberta and the other in Shilo, Manitoba. The intent of this project is to modernize the existing WES capability potentially addressing: equipment obsolescence; updated operational requirements; and advancements in technology and international standards (such as those being developed under UCATT). The intent of this RFI is to seek information from industry; thereby allowing the Government of Canada to better define the options for the modernization of the Canadian WES System.

## 3. Potential Work Scope and Constraints:

### 3.1 Potential Scope of Work

This RFI is to understand both the acquisition and in-service support requirements to perform the activities necessary to effectively deliver, operate, maintain, and support exercises and logistical activities for Canada's live simulation equipment after WES enterprise and capability modernization. See Annex A for a more detailed project scope.

The modernized WES enterprise is anticipated to achieve full operational capability in the 2031-2032 timeframe. It is anticipated that there may be several contracts as a result of procurement work. In addition, it is anticipated that there will be contract(s) for in-service support that will be initiated in the same general timeframe as the acquisition contract(s) and extend beyond the delivery of the capability. Expected duration of in-service support contract(s) is to support and sustain equipment for at least fifteen (15) years of End of Life expectancy.

### 3.2 National Security Exception

A National Security Exception – Special Contracting Caveat may be invoked for resulting procurement process(es).



### 3.3 Industrial and Technological Benefits Policy

A final determination on the application of the Industrial and Technological Benefits (ITB) Policy to the WESM project has not been made. Engagement with industry through the Request for Information (RFI) will help determine how Canada could leverage opportunities for economic benefit through this procurement.

### 3.4 Security

While there is no security clearance requirement as part of this RFI process, a security clearance up to secret level will be required for the WESM contract(s).

## 4. Schedule:

Canada is in Option Analysis exploring sustainment and procurement strategies, Industry day is planned for **April 12, 2022**, Price and Availability (P&A) and procurement schedule will be communicated under future postings to Buy and sell.

## 5. Contracting Authority

Interested Respondents may submit their responses to the PSPC Contracting Authority, identified below, preferably via email:

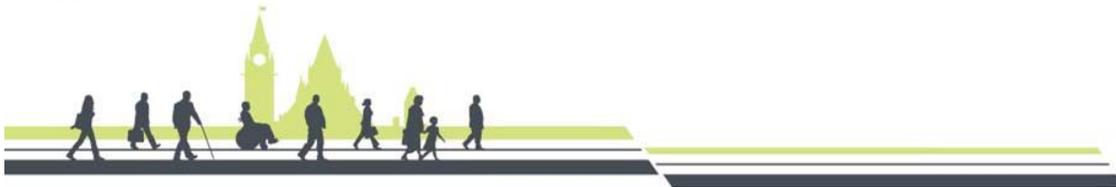
Sandra Derby  
Supply Team Leader  
Defence and Marine Procurement Branch  
Public Services and Procurement Canada / Government of Canada  
[Sandra.derby@tpsgc-pwgsc.gc.ca](mailto:Sandra.derby@tpsgc-pwgsc.gc.ca)  
Tel: 873-355-4982

A point of contact for the Respondent should be included in each delivery.

Changes to this RFI may occur and will be advertised on the Government Electronic Tendering System. Canada asks Respondents to visit [Buyandsell.gc.ca](http://Buyandsell.gc.ca) regularly to check for changes, if any.

## 6. Questions Submitted by Industry

All enquiries and other communications related to this RFI process shall be directed exclusively to the PSPC Contracting Authority identified under Article 5. While Canada intends to respond to industry questions by releasing answers periodically through subsequent RFI amendments, responding to questions will be handled on a best effort basis.



Often Canada may not be in a position to answer certain questions because requirements may not yet be finalized on various aspects of WES Modernization. Unanswered questions are still very valuable feedback as it allows Canada to see where industry may have concerns, or where a different approach to a requirement may be possible.

As industry feedback is submitted and reviewed for consideration over the course of the RFI process, Canada may periodically release updated versions of the major operational and sustainment requirements. These updated documents often answer questions submitted by industry.

## **7. Additional Information Requests**

Throughout the RFI process, Public Services and Procurement Canada may request additional information, clarifications or site visits from respondents.

## **8. Fairness Monitor**

Canada has engaged the services of an organization, Raymond Chabot Grant Thornton Consulting Inc., to act as an independent, third-party Fairness Monitor (FM) for the solicitation process.