



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

TPSGC.PAAFL-APLFE.PWGSC@tpsgc-pwgsc.gc.

**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**

Armoured Vehicles Support/Soutien des véhicules blindés  
11 Laurier St./11, rue Laurier  
Place du Portage Phase III 6C1  
Gatineau  
Québec  
K1A 0S5

<b>Title - Sujet</b> LFE Project Light Forces Enhancement Project	
<b>Solicitation No. - N° de l'invitation</b> W8476-206234/B	<b>Date</b> 2023-03-24
<b>Client Reference No. - N° de référence du client</b> W8476-206234	<b>GETS Ref. No. - N° de réf. de SEAG</b> PW-\$\$BL-319-29019
<b>File No. - N° de dossier</b> 319bl.W8476-206234	<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 Daylight Saving Time EDT <b>on - le 2023-05-12</b> Heure Avancée de l'Est HAE	
<b>F.O.B. - F.A.B.</b> Specified Herein - Précisé dans les présentes <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input checked="" type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Charbonneau-Fortin, Annie	<b>Buyer Id - Id de l'acheteur</b> 319bl
<b>Telephone No. - N° de téléphone</b> (873) 355-4977 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> Not Applicable Sans objet	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Delivery Required - Livraison exigée</b> See Herein – Voir ci-inclus	<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/ de l'entrepreneur ( taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

# Light Forces Enhancement Project

For the

Department of National Defence

Request for Information

**W8476-206234/B**

The Contracting Authority, who is identified on the first page, is Canada's representative for all questions and comments about this document.	
RFI Closing Date and Time	Closing date: The closing date is on the first page.
Email Address for submitting questions and responses.	<a href="mailto:TPSGC.PAAFL-APLFE.PWGSC@tpsgc-pwgsc.gc.ca">TPSGC.PAAFL-APLFE.PWGSC@tpsgc-pwgsc.gc.ca</a>



**Table of Contents**

- 1. Purpose and Nature of the Request for Information .....3
- 2. Project Information – Please refer to W8476-206234/A (Reference A) to obtain Project Information.....4
- 3. Legislation, Trade Agreements, and Government Policies .....4
- 4. Estimated Project Schedule .....4
- 5. Engagement Sessions.....4
- 6. Response Preparation Instructions .....5
- 7. Enquiries and Submission of Responses.....5
- 8. Changes to the RFI and the Closing Date .....5
- 9. Clarification of Responses.....5
- 10. Fairness Monitor .....5
- 11. Security.....6
- Annex A - Costing Questions .....7**

**Record of Changes**

<b>Serial</b>	<b>Description</b>	<b>Date Published</b>
1.	Light Forces Enhancement – Request for Information/B	March 27 <sup>th</sup> , 2023
2.		
3.		

## Light Forces Enhancement (LFE) Project

Reference A : **LFE RFI/A (includes technical information)**  
<https://canadabuys.canada.ca/en/tender-opportunities/tender-notice/pw-bl-319-28038>

### 1. Purpose and Nature of the Request for Information

- 1.1. Public Services and Procurement Canada (PSPC) is requesting Industry feedback regarding the Light Forces Enhancement (LFE) project for the Government of Canada (GC), the Department of National Defence (DND), and the Canadian Armed Forces (CAF).
- 1.2. The objectives of this RFI are:
  - a) To obtain updated costing information on the original RFI issued to industry (see reference A). Canada acknowledges the economic fluctuations and the impacts this may have on project costs.
  - b) To provide previous respondents an opportunity to highlight to Canada any known technical and In-Service support modification to their original responses.
  - c) To provide industry with an updated project timeline to better reflect the current state of the LFE project.
- 1.3. This RFI is neither a call for tender nor a Request for Proposal (RFP). No agreement or contract will be entered into based on this RFI. The issuance of this RFI is not to be considered in any way a commitment by the GC, nor as authority to potential Respondents to undertake any work that could be charged to Canada. This RFI is not to be considered as a commitment to issue a subsequent solicitation or award a contract for the work described herein.
- 1.4. Respondents are encouraged to identify, in the information they share with Canada, any information that is deemed proprietary or confidential. Canada will handle the responses in accordance with the [Access to Information Act](#). Canada will not disclose proprietary or commercially sensitive information concerning Respondents or third parties, except and only to the extent required by law. For more information, please see <https://laws-lois.justice.gc.ca/eng/acts/a-1/>.
- 1.5. Participation in this RFI is encouraged, but is not mandatory. 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.
- 1.6. This Request for Information (RFI) is a continuation of the work initiated by the RFI/A. RFI can be used to reach out to Industry for different purposes. The intent of this RFI is only to provide an updated Project schedule and to request, if applicable, updated costing. Industry is invited to provide responses as per the instructions in section 6 below.
- 1.7. Respondents will not be reimbursed for any cost incurred by participating in this RFI. Responses to this RFI will not be returned to Respondents.
- 1.8. Representatives from DND, PSPC, and Innovation, Science and Economic Development (ISED) Canada will review the responses from industry. These responses may be shared with an independent consultant or other

GC resources that Canada considers necessary to review any response. Responses will not be evaluated; however, Canada may use information received from Industry to develop or modify the technical requirement specifications document or other aspects of the procurement approach.

**2. Project Information – Please refer to W8476-206234/A (Reference A) to obtain Project Information.**

**3. Legislation, Trade Agreements, and Government Policies**

3.1. The following is indicative of some of the legislation and government policies that could impact any follow-on solicitation(s):

- a) Canadian Free Trade Agreement (CFTA) may apply.
  - b) International trade agreements do not apply.
  - c) Industrial and Technological Benefits (ITB) Policy including Value Proposition may apply.
  - d) Defence Production Act will apply.
  - e) Treasury Board Policy on Government Security will apply.
  - f) Controlled Goods Program (CGP) will apply.
  - g) Federal Contractors Program for Employment Equity (FCP-EE) may apply.
  - h) A National Security Exception (NSE) may apply for this procurement.
  - i) Defence Procurement Strategy will apply.
- The above is not an exhaustive list.*

**4. Estimated Project Schedule**

4.1. The following schedule is provided for industry’s consideration when responding to the RFI. It is for information purposes only and does not represent a commitment by Canada.

	Events	Timeline
a)	RFI/B Responses requested date:	See the RFI cover page
b)	Industry engagement activities – release of draft technical documents (specifications, requirements, questions to Industry, etc.) and potentially one-on-one meetings.	2024 and 2025
c)	Bid Solicitation	2026
d)	Contract Award	2027
e)	Initial Operational Capability (IOC)	2028
f)	Full Operational Capability (FOC)	2029

**Table 1 - Estimated Project Schedule**

**5. Engagement Sessions**

5.1. Canada may, at its discretion, offer subsequent consultation opportunities, such as one-on-one meetings to interested RFI respondents. Should Canada decide to hold one-on-one sessions with Industry, the opportunity will be posted as an amendment to this RFI on <https://canadabuys.canada.ca/en>.

## 6. Response Preparation Instructions

- 6.1. To facilitate the review of responses to this RFI, Respondents are encouraged to follow the response guide provided below and to provide requested information if available. As well, Respondents may include any additional information they believe to be relevant to the Project.
- 6.2. Response guide and content:
  - a) For respondents updating a previous response, please provide Annex A (previously Annex D under RFI/A) as well as any known technical and In-Service support modification to their original responses.
  - b) For new responses, please consult Reference A, Section 6 for further instructions.
  - c) If applicable, an updated point of contact for the Respondent should be included in the package.

## 7. Enquiries and Submission of Responses

- 7.1. All enquiries and other communications related to this RFI and associated Industry Engagement activities must be directed exclusively to the PSPC Contracting Authority. Since this is not a bid solicitation, Canada will not necessarily respond to all enquiries.

Annie Charbonneau-Fortin  
Public Services and Procurement Canada

**IMPORTANT:** Responses are to be emailed to the Contracting Authority at:  
[TPSGC.PAAFL-APLFE.PWGSC@tpsgc-pwgsc.gc.ca](mailto:TPSGC.PAAFL-APLFE.PWGSC@tpsgc-pwgsc.gc.ca)

## 8. Changes to the RFI and the Closing Date

- 8.1. Changes to this RFI may occur and will be advertised on <https://canadabuys.canada.ca/en>. Canada requests Respondents to visit <https://canadabuys.canada.ca/en> regularly to check for any amendments or updates.
- 8.2. Responses to this RFI are to be submitted to the attention of the PSPC Contracting Authority identified above. Canada would appreciate to obtain updated costing information as soon as possible.
- 8.3. Canada may consider responses or updated information provided after the RFI closing date and time.

## 9. Clarification of Responses

- 9.1. Canada may, at its discretion, contact any of the Respondents at any time to clarify any aspect of a response.

## 10. Fairness Monitor

- 10.1. Canada has engaged P1 Consulting Inc. to act as an independent third-party Fairness Monitor (FM) for the LFE procurement process. The role of the FM is to observe all interactions between Canada and Industry and to provide an attestation of fairness, openness, and transparency of the procurement process.

10.2. The Fairness Monitor's duties will include, but will not be limited to:

- a) Reviewing all documentation and communications about the procurement process;
- b) Attending meetings between Canada and Industry;
- c) Providing feedback to Canada on potential fairness issues; and
- d) Attesting to the fairness of the procurement process.

## 11. Security

11.1. There will be security requirements associated with the LFE Project. As security screening may be a lengthy process, Respondents should start as soon as the security level becomes available. To learn how to obtain security screening for your organization, please copy and paste the following link in a browser: <https://www.tpsgc-pwgsc.gc.ca/esc-src/organisation-organization/enquete-screening-eng.html>

**Annex A - Costing Questions**

**1. Scope**

- 1.1. The purpose of the TMP fleet costing annex is to request indicative costing information. Some deliverables included in the two (2) tables below have not yet been defined. Respondents are asked to provide indicative or rough order of magnitude (ROM) pricing for as many line items as possible based on their experience in managing similar programs. If a specific cost element cannot be provided, or is included in the price of another item, please provide an explanation in your response.
- 1.2. Respondents are encouraged to provide any additional costing information that they feel may be of value to Canada.
- 1.3. For the purpose of this Annex only, Respondents are to assume the total quantity of vehicles and light trailers to be 330 each. The TMP distribution between the different variants is to be defined later in the procurement process. In order to better understand the cost of the project based on the final option please indicate prices for the different quantity ranges provided in the tables below.

**2. Acquisition**

Serial	Acquisition – Costing Questions	Firm Unit Price 0 = No Cost
<b>Acquisition</b>		
<b>1.</b>	<p><b>Equipment</b>                      For each variant, provide the unit cost reflective of all PORs described in Annex A.                      Firm Quantity and ranges:                      a) 165;                      b) 0-150;                      c) 151-200; and                      d) 201-330</p>	
1.1.	Tactical Mobility Platform – Personnel	
1.2.	Tactical Mobility Platform – Cargo	
1.3.	Tactical Mobility Platform - Single TMP that can be configured between both Personnel and Cargo roles	
1.4.	Light Trailers	
<b>2. Project Management</b>		
2.1.	Project Management Plan	
2.2.	Data Management Plan	
2.3.	Meeting Agenda and Minutes	
2.4.	Risk Management Plan	
2.5.	Risk Register	
<b>Integrated Logistics Support (ILS) Services</b>		
<b>3. Equipment Management</b>		
3.1.	Equipment Management Plan	
<b>4. Technical Investigation and Engineering Services (TIES)</b>		
4.1.	Technician (Hourly Rate)	
4.2.	Engineer (Hourly Rate)	

Serial	Acquisition – Costing Questions	Firm Unit Price 0 = No Cost
<b>5.</b>	<b>Fielding Support</b>	
5.1.	FSR – Maintenance (Hourly Rate)	
5.2.	FSR – Training (Hourly Rate)	
<b>6.</b>	<b>Systems Engineering</b>	
6.1.	Acceptance Plan	
6.2.	Quality Assurance Plan	
6.3.	System Requirements Review	
6.4.	Preliminary Design Review	
6.5.	Critical Design Review	
6.6.	Production Readiness Review	
6.7.	Systems Engineering Plan	
6.8.	Systems Security Engineering Plan	
6.9.	Technical Review Meetings	
<b>7.</b>	<b>Contracted Training Services</b>	
7.1.	ICT – Operator Training (English and French)	
7.2.	ICT – Technician Training (English and French)	
7.3.	ICT Courseware – Operator and Technician Training (English and French)	
<b>8.</b>	<b>Material Management</b>	
8.1.	Integrated Logistics Support (ILS) Plan	
8.2.	Logistic Support Analysis Report (LSAR)	
8.3.	LSAR Database	
8.4.	Provisioning Documentation	
8.5.	Initial Provisioning Conference	
8.6.	Controlled Goods List (if applicable)	
8.7.	Disposal Instructions for controlled goods (if applicable)	
<b>9.</b>	<b>Electronic Information Environment (EIE)</b>	
9.1.	Electronic Information Plan	
<b>10.</b>	<b>Maintenance</b>	
10.1.	Preventive Maintenance Program	
10.2.	Corrective Maintenance Program	
<b>11.</b>	<b>TDP (Provide pricing for both languages when applicable) (up to Level 2 at a minimum)</b>	
11.1.	Technical Publication Package - Operators Manual (English and French)	
11.2.	Technical Publication Package - Technical Manual (English and French)	
11.3.	Technical Data Package - Drawings	
11.4.	Preventative & Corrective Maintenance Manual (English and French)	
11.5.	Parts List based on LSA built into an Electronic Maintenance Manual	
<b>12.</b>	<b>Software</b>	
12.1.	Licensing/Renewal	
<b>13.</b>	<b>Configuration Management</b>	
13.1.	Configuration Management Plan	
13.2.	First Article Inspection	
13.3.	Pre-Delivery Inspection	
13.4.	Functional Configuration Audit	
13.5.	Physical Configuration Audit	

Serial	Acquisition – Costing Questions	Firm Unit Price 0 = No Cost
<b>14.</b>	<b>Obsolescence Management</b>	
14.1.	Obsolescence Management Plan	
<b>15.</b>	<b>Special Tool and Test Equipment (STTE)</b>	
15.1.	STTE requirements	
<b>16.</b>	<b>Intellectual Property</b>	
16.1.	License to IP rights specified	
<b>17.</b>	<b>Cyber Assurance</b>	
17.1.	Cyber Assurance Program	

Table 2 – Costing Questions – Acquisition

### 3. In-Service Support

- 3.1. Provide an annual rough cost breakdown based on the following aspects related to sustainment of the TMP and light trailers after the project closeout. For costing purposes, please assume that a Performance Based Contract will be used. Provide the cost for each of the items hereunder as a minimum, and add items as required.

Serial	In-Service Support - Costing Questions	Annual Cost
<b>18.</b>	<b>Integrated Logistics Support (ILS) Services</b>	
18.1.	Engineering Change Proposal (ECP) management	
18.2.	Configuration Management (CM)	
18.3.	Obsolescence Management (OM)	
18.4.	Technical publication management	
18.5.	Major upgrades / mid-life reset	
18.6.	Repair and Overhaul (R&O) – Forecasted annual costs	
18.7.	Sub-systems or component repair	
18.8.	OEM annual average cost of repair parts and labour hours per vehicle when the fleet is: i. Between 0-5 years ii. 6-10 years iii. 11-15 years	
18.9.	Annual average cost of warehousing and maintenance at the OEM while in storage of the underbelly blast protection system (if not built-in)	
18.10.	Spare Parts Replenishment (Consumables and Non-repairable parts)	
18.11.	Spare Parts Ready Pack	
<b>19.</b>	<b>Contractor support to EMT and TMP fleet</b>	
19.1.	Technical support (Hourly Rate)	
19.2.	Engineering support (Hourly Rate)	
19.3.	Supply management support (Hourly Rate)	
<b>20.</b>	<b>License to IP rights</b>	
20.1.	Annual fees	
<b>21.</b>	<b>Additional maintenance costs required to meet operational requirements</b>	

Serial	In-Service Support - Costing Questions	Annual Cost
21.1.	Transportability, (Air Transport – Airplane). Indicate additional costs that will be incurred for preventative maintenance prior to the drop, corrective maintenance after the drop, and costs to prepare the pallets and packaging for the drop, for: i. TMP; and ii. Light trailer.	
21.2.	Transportability, (Air Transport – Helicopter). Indicate additional costs that will be incurred for preventative maintenance prior to, and corrective maintenance after, sling loading a vehicle, due to stress and damage of sling-loading operations. In addition, please indicate costs to prepare the vehicle for sling-loading. Provide details for: i. TMP; and ii. Light trailer.	
21.3.	Underbelly blast protection system (if solution provided is a removable type)	

**Table 3 – Costing Questions – In-Service Support**