



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Bid Receiving - PWGSC / Réception des
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11 Laurier St. / 11, rue Laurier

Place du Portage, Phase III

Core 0B2 / Noyau 0B2

Gatineau, Québec K1A 0S5

Bid Fax: (819) 997-9776

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

Science Procurement Directorate/Direction de l'acquisition
de travaux scientifiques

Terrasses de la Chaudière, 4th Flo

10 Wellington Street

Gatineau

Quebec

K1A 0S5

Title - Sujet LOI - LEAP Micro Rover Phase A	
Solicitation No. - N° de l'invitation 9F052-200303/A	Date 2020-10-22
Client Reference No. - N° de référence du client 20200303	GETS Ref. No. - N° de réf. de SEAG PW-\$\$\$T-048-38561
File No. - N° de dossier 048st.9F052-200303	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2021-01-29	
Time Zone Fuseau horaire Eastern Standard Time EST	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Abbasi, Sameer Ali	Buyer Id - Id de l'acheteur 048st
Telephone No. - N° de téléphone (873) 354-4921 ()	FAX No. - N° de FAX (819) 956-2675
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Specified Herein Précisé dans les présentes	

Instructions: See Herein

Instructions: Voir aux présentes

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

Letter of Interest (LOI)

LUNAR EXPLORATION ACCELERATOR PROGRAM (LEAP) PHASE A LUNAR ROVER

1. Purpose and Nature of the Letter of Interest (LOI)

Public Works and Government Services Canada (PWGSC), on behalf of the Canadian Space Agency (CSA), is releasing this Letter of Interest (LOI) to inform industry of upcoming procurement activities related to the Lunar Exploration Accelerator Program (LEAP).

The CSA would like to inform industry that in support of the lunar rover program element of the LEAP portfolio, a Request for Proposal (RFP) for the Phase A activities is being planned for release by PWGSC in the Winter of 2020/2021. PWGSC is not requesting any specific comments or feedback from industry as part of this LOI.

This LOI is neither a call for tender nor a RFP. No agreement or contract will be entered into based on this LOI. The issuance of this LOI 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 LOI is not to be considered as a commitment to issue a subsequent solicitation or award contract(s) for the work described herein.

There will be no short-listing of potential suppliers for the purposes of undertaking any future work as a result of this LOI.

2. Background Information:

On February 28, 2019 the Government of Canada announced a new Lunar Exploration Accelerator Program, or LEAP, with an investment of \$150M over five years. LEAP will support space technology development and in-space demonstration, as well as science missions. Its aim is to expand and prepare Canada's space sector, particularly small and medium sized enterprises, for future exploration missions by offering technology development, science and mission opportunities in lunar orbit, on the Moon's surface, or further into deep space.

Further details on the LEAP program are available at the following link: <https://www.asc-csa.gc.ca/eng/funding-programs/programs/leap/about.asp>.

On September 21, 2020, the CSA presented an update of LEAP at an event held by the Satellite Canada Innovation Network. Further details on this event and the LEAP update are available at the following link:

<https://www.satellitecanada.org/satcan-events>



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The presentation focused on ongoing elements of the LEAP Science & Technology Portfolio, including lunar science/technology payloads that are planned to be flown in collaboration with NASA's [Commercial Lunar Payload Services \(CLPS\)](#) program.

The first LEAP lunar science/technology payload is planned to be a lunar rover that shall carry at least two scientific instruments payloads – one American and one Canadian – and have a total mass of 30 kg (including 6 kg of science payloads). The American portion of the project would be carried out on a no-exchange-of-funds basis, with NASA funding the American payload(s).

The proposed procurement strategy is being shared for planning purposes only and is subject to change at any time. A competitive RFP for the lunar rover Phase A studies is being planned for release in the Winter of 2020/2021. The plan is to conduct two Phase A contracts in parallel, leading to a down-selection of one rover concept at the end of the Phase A for the subsequent follow-up project phases. It is expected that each bidder would be composed of Canadian industries and scientists along with an American instrument team (e.g. industries and scientists as needed) to offer an integrated product, i.e. a lunar rover with its complete instrument suite.

CSA is thus inviting Canadian industries and scientists to initiate exchanges with potential American instrument teams to define their concepts for the lunar rover and instrument suite to be prepared to respond to the upcoming RFP. Although not mandatory, accessing and/or adding your name to the List of Interested Suppliers available in the tender notice can facilitate this exercise.

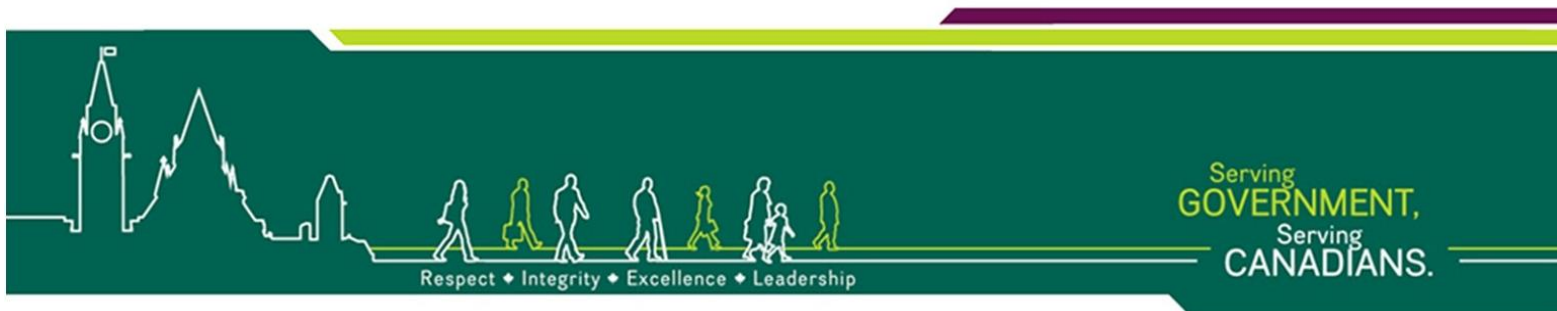
Further to the [LEAP Phase 0 Science Instruments RFP 9F050-200032/A](#), other RFP's may eventually follow for science payloads Phase A and subsequent project phases to be flown on CLPS missions independent of the LEAP lunar rover mission. Those instruments could most likely be mounted on landers and/or orbiters, and/or potentially a lunar rover.

No further information is available to share with industry and academia at this time and any questions related to the lunar rover requirement must only be submitted through Public Works and Government Services Canada if and when an RFP is released.

3. Potential Work Scope and Constraints:

The objective of the lunar rover Phase A studies will be to demonstrate and confirm the feasibility, value and benefits of the rover and instruments suite for the technology demonstration on the Moon, and to demonstrate the validity of the mission requirements as well as the development of the system requirements.





At the end of these Phase A studies, the CSA expects to have all the technical and programmatic information necessary to assess the potential of the proposed rover and instruments suite to contribute to the objectives of the LEAP mission.

The Canadian Content Policy applies to this requirement. Canada intends to limit the requirement to Canadian Goods and Services.

4. Schedule:

The following schedule should be utilized as a baseline:

- Letter of Interest (LOI): Closing on January 29, 2021, or once the Phase A Lunar Rover RFP is published, whichever occurs first.
- RFP posting: Winter 2020/2021
- Contract Award: Summer 2021

The above schedule is provided for planning purposes only and is subject to change or cancellation by Canada at any time.

5. Important Notes to Respondents:

Any questions related to this LOI should be directed to the PWGSC Contracting Authority, identified below, preferably via email:

Sameer Ali Abbasi
Contracting Specialist
Public Works and Government Services Canada
Acquisitions Branch
Space Programs and Procurement Directorate
Address: 10 Wellington Street
Gatineau, Quebec
K1A 0S5

Telephone: 873-354-4921

E-mail: sameerali.abbasi@tpsgc-pwgsc.gc.ca

Changes to this LOI may occur and will be advertised on the Government Electronic Tendering System. Canada asks Respondents to visit Buyandsell.gc.ca regularly to check for changes, if any.



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