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**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

Science Procurement Directorate/Direction de
l'acquisition de travaux scientifiques
Terrasses de la Chaudière, 4th Flo
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Gatineau
Quebec
K1A 0S5

Title - Sujet Defence Enhanced Surveillance from Defence Enhanced Surveillance from Space Project (DESSP)	
Solicitation No. - N° de l'invitation W6369-210236/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client W6369-210236	Date 2021-01-20
GETS Reference No. - N° de référence de SEAG PW-\$\$\$ST-004-38741	
File No. - N° de dossier 004st.W6369-210236	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Standard Time EST on - le 2021-02-04 Heure Normale du l'Est HNE	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Byrnes, Ashley	Buyer Id - Id de l'acheteur 004st
Telephone No. - N° de téléphone (819) 431-8071 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	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

Amendment 002

This amendment serves to publish questions asked by vendors and answers provided by Canada.

Defence Enhanced Surveillance from Space Request for Information W6369-210236/A

Questions and Answers

Q.1	Can you explain in more detail the procurement-related steps that will take place from now through Project Approval (Definition) – June 2023, as indicated in the Request for Information (RFI)?
A.1	Canada is currently seeking feedback from industry to support options analysis, plan project timelines and develop a procurement strategy. Canada intends to generate a business case in 2021, as well as a Preliminary Statement of Requirements for the Defence Enhanced Surveillance from Space Project (DESSP). Canada may pursue additional industry engagement activities; these could include the publication of additional RFIs, or offering industry opportunities to review draft project documents.
Q.2	Please clarify the difference between the acquisition options of managed services vs. long-term leasing of existing or planned commercial systems, as mention in section 8.4 of the RFI?
A.2	In a managed services scenario, Canada would be procuring earth observation data (Synthetic Aperture Radar [SAR] and other) produced by a vendor. In a long-term leasing of existing or planned commercial systems scenario, Canada would be provided full control and tasking of the space system capability, which is not guaranteed in a managed services scenario.
Q.3	Will security regulations permit a top secret capability to be procured via a managed service or leased procurement option?
A.3	It is understood that there are guidelines, restrictions and regulations that could pose challenges with the transfer of TOP SECRET data. While Canada cannot confirm whether this will be a feasible option, feedback on the existence of such services, any lessons learned, and any related challenges that industry may foresee in pursuit of this acquisition option is welcome.
Q.4	Would Canada like feedback on the High Level Mandatory Requirements (HLMRs) as presented in the RFI?
A.4	Canada welcomes feedback with respect to the HLMRs; respondents are requested to provide rationale with such feedback.
Q.5	Is Canada open to a blended delivery model for DESSP, such as a combination of government and contractor owned and managed services?
A.5	Canada welcomes industry's feedback on a variety of acquisition models, including blended delivery models and those proposed in Section 8.4 of the RFI.

Q.6	Is Canada interested in solutions to address the capability gap between the RADARSAT Constellation Mission (RCM) end-of-mission life and the proposed DESSP Initial Operational Capability date of 2033?
A.6	Addressing this capability gap is outside of the project scope of DESSP.
Q.7	Programmatically, how does the provided reference document, <i>RD-1: Department of National Defence Space Based Requirements, version 2.0</i> relate to the DESSP HLMRs?
A.7	The <i>Department of National Defence Space Based Requirements, version 2.0</i> captures all of the Department of National Defence and the Canadian Armed Force's unclassified surveillance requirements, and cannot be construed to be the full scope of DESSP. While DESSP may be able to deliver a subset of these requirements, a separate set of requirements will eventually be developed for DESSP. This document has been offered to industry in conjunction with the RFI as contextual information.
Q.8	Because of the short time frame industry has been given to respond to the RFI, how much depth in the response is Canada seeking?
A.8	Canada would appreciate any information that industry could provide related to the topics addressed in the RFI, including any lessons learned or anticipated challenges; Canada is seeking a broad overview of what industry could provide.
Q.9	How will Canada use the information acquired through this RFI process?
A.9	Feedback from industry may be used to inform the development of a business case and of possible procurement strategies. It may also be used to assist in defining a solution to meet the HLMRs, in drafting performance specifications, to develop or modify business requirements, to conduct analysis, analyze possible procurement approaches, or for budgetary purposes.
Q.10	Will the document containing questions posed by industry during one-on-one meetings and answers provided by Canada be published on buyandsell.gc.ca before the requested RFI response date?
A.10	All questions posed by industry during one-on-one meetings and answers provided by Canada will be published prior to the requested RFI response date.
Q.11	Is it possible for a vendor to have a second one-on-one session with representatives of Canada prior to the requested RFI response date?
A.11	Canada will not be offering a second one-on-one session to any vendor prior to the requested RFI response date. Vendors are welcome to submit questions to Canada in writing via the Procurement Authority identified in the RFI.
Q.12	With respect to security and classifying data within the cloud environment, does Canada envision following a model where the data remains encrypted and classified throughout, vs. a

	model where unclassified information can be transmitted through a classified cloud environment without being encrypted?
A.12	Canada envisions a system where once any data is encrypted, it can be treated as unclassified data and transmitted via radiofrequencies. Once that data is received and brought in to various networks, it remains unclassified until it is unencrypted. Once unencrypted, the data will be required to remain classified at that level in any possible cloud environment.
Q.13	Is Canada interested in vendors conceptually or physically demonstrating technologies, such as cloud computing at classified level, prior to the planned definition phase in 2023?
A.13	Canada is interested in any information industry can provide on its capabilities and abilities to demonstrate technologies; however, Canada has no known plans for any demonstration.
Q.14	Using cloud computing as an example, is Canada interested in a scenario in which capability is split between vendors? For example, one vendor could provide an unclassified and secret cloud computing environment, and a second vendor could provide a top secret cloud computing environment.
A.14	Canada is open to all industry feedback on acquisition models at this time, including information on individual capabilities.
Q.15	Does DESSP plan on having its own funded Research and Development (R&D) program?
A.15	DESSP is not funded to support its own R&D program. Defence Research and Development Canada may have R&D programs.
Q.16	Understanding that DESSP's HLMRs require a SAR payload, is Canada interested in receiving information on optical payloads that could meet other requirements?
A.16	Canada welcomes industry feedback and rationale on proposed synergistic payloads.
Q.17	Would Canada be interested in a compressed schedule, earlier timelines?
A.17	Canada welcomes any feedback that industry could provide.
Q.18	We are reviewing the RFI and noticed that Project Approval (Implementation) is scheduled in June 2027. When would you expect to release a Request for Proposal (RFP) for this program? Are you anticipating to down-select qualified companies via an Invitation to Qualify (ITQ)? If so, when would you expect this to occur?
A.18	Canada is currently seeking feedback from industry to support options analysis, plan project timelines and develop a procurement strategy. Canada may pursue additional industry engagement activities; these could include the publication of additional RFIs, prequalifying companies, or offering industry opportunities to review draft project documents. It is too early in the process to determine if or when these activities may take place.