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

Comments - Commentaires

<b>Title - Sujet</b> SmartWhales-Development of space ba	
<b>Solicitation No. - N° de l'invitation</b> 9F040-190774/A	<b>Date</b> 2020-05-19
<b>Client Reference No. - N° de référence du client</b> 9F040-190774	<b>GETS Ref. No. - N° de réf. de SEAG</b> PW-\$MTB-309-15736
<b>File No. - N° de dossier</b> MTB-0-43011 (309)	<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 2020-06-18</b>	
<b>Time Zone</b> <b>Fuseau horaire</b> Heure Avancée de l'Est HAE	
<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> Paradis, Mary	<b>Buyer Id - Id de l'acheteur</b> mtb309
<b>Telephone No. - N° de téléphone</b> (514) 702-8173 ( )	<b>FAX No. - N° de FAX</b> (514) 496-3822
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> AGENCE SPATIALE CANADIENNE 6767 ROUTE DE L AEROPORT 9F040-Utilisation de l'esapce ST HUBERT Québec J3Y8Y9 Canada	

Instructions: See Herein

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H5A 1L6

<b>Delivery Required - Livraison exigée</b> Voir doc.	<b>Delivery Offered - Livraison proposée</b>
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<b>Signature</b>	<b>Date</b>



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	NPP-RFP smartWhales	9F040	9F040	1	Lot	\$	\$	Voir doc.	

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TITLE: Smart**Whales** - Development of Space-Based Solutions for the Monitoring and Protection of the North Atlantic Right Whale (NARW).

NATURE OF REQUIREMENTS:

1. PURPOSE OF THIS NOTICE

To inform industry about an upcoming procurement process (#:9F040-190633/A). The requirement will be for the monitoring and protection of the NARW in Canadian coastal waters, using space-based solutions through the development of innovative methods, systems, products, models or services for projects related to the following streams:

- Stream 1 : The detection and monitoring of the NARW; and
- Stream 2 : The prediction and modelling of NARW behavior and movement in their habitat.

2. TRADE AGREEMENTS

The upcoming requirement will not be subject to any trade agreements.

3. DESCRIPTION

Following a recent increase of NARW mortalities, the Government of Canada is seeking government-wide innovative solutions to better protect the whales. The NARW is listed as endangered under Schedule 1 of the *Species at Risk Act*, with two important threats to the population identified: vessel strikes and entanglement in fishing gear.

The upcoming Request For Proposal (RFP) will be issued under the “Integrator Track” of the Canadian Space Agency smartEarth initiative. It is in line with several key priorities of the Government of Canada, including marine conservation, climate change, as well as fostering innovation and partnerships. It also represents an important step in the implementation of the Oceans Protection Plan (OPP) for the protection of species at risk. As well, it supports Canada’s Space Strategy to harness space-based solutions and generate successful conditions for the development of world-leading space firms and scientists.

Public Services and Procurement Canada, on behalf of the Canadian Space Agency, in conjunction with its federal partners, Fisheries and Oceans Canada and Transport Canada, is looking to put in place multiple contracts for the services in research and development related to the following streams 1 and 2:

- **Stream 1: To improve the accuracy of detection and monitoring** of NARW, as well as the real time or near real-time dissemination of NARW detections, over wider areas of Canadian coastal waters using space-based data and advanced analysis methods;
- **Stream 2: To increase the effectiveness of prediction and modelling methods** for locating and tracking the movements and activities of NARW and their habitat characteristics.

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The upcoming RFP will be industry led and will seek to forge partnerships between the industry, academic and public sectors. Eligible projects will be led by for-profit organizations established and operating in Canada with mandatory participation of academic institutions and/or non-governmental organizations (NGO).

#### 4. SECURITY REQUIREMENT

There is no security requirement for the upcoming RFP.

#### 5. MAXIMUM FUNDING

The overall estimated budget for this RFP will be \$5,400,000.

#### 6. OTHER CONSIDERATIONS

This Letter of Interest (LOI) is neither a bid solicitation nor a preselection process. This LOI will not result in the award of any contract; therefore, potential suppliers of any services described in this LOI should not earmark stock or facilities, nor allocate resources, as a result of any information contained in this LOI. Also, the procurement of any of the services described in this LOI is subject to change with the final details to be described in the planned RFP. This LOI is simply intended to inform industry about an upcoming important procurement process.

The issuance of this LOI is not to be considered in any way as a commitment by Canada, or as authority to undertake any work which could be charged to Canada, nor is this LOI to be considered a commitment to issue eventual RFPs, enter into a private-public partnership or award eventual contracts in relation to this activity.

#### 7. PROPOSED PERIOD OF THE CONTRACTS

The duration of the contracts will be to a maximum of 36 months.