



<p><b>RETURN BIDS TO:</b> <b>RETOURNER LES SOUMISSIONS À:</b></p> <p><b>Bid Receiving - Environment Canada / Réception des soumissions – Environnement Canada</b></p> <p>Electronic Copy: <a href="mailto:soumissionsbids@ec.gc.ca">soumissionsbids@ec.gc.ca</a></p> <p><b>BID SOLICITATION AMENDMENT</b> <b>MODIFICATION DE LA DEMANDE DE SOUMISSIONS</b></p> <p>The referenced Bid Solicitation is revised in this document; unless otherwise indicated, all other terms and conditions of the Bid Solicitation remain the same.</p> <p>La demande de soumissions citée en référence est modifiée dans ce document; sauf indication contraire, les modalités de la demande de soumissions demeurent les mêmes.</p>	<p><b>Title – Titre</b> Northern Ontario Fecal DNA Surveys</p>	
	<p><b>EC Bid Solicitation No./SAP PR No. - N° de la demande de soumissions EC / N° SAP PR</b>  5000058608</p>	<p><b>Amendment No. - N° de modif.</b>  002</p>
	<p><b>Date of Bid Solicitation (YYYY-MM-DD) – Date de la demande de soumissions (AAAA-MM-JJ)</b> 2021-11-22</p>	
	<p><b>Bid Solicitation Closes (YEAR-MM-DD) - La demande de soumissions prend fin (AAAA-MM-JJ)</b>  at – à 2:00 P.M. on – le 2021-12-17</p>	<p><b>Time Zone – Fuseau horaire</b>  <i>Eastern Time Zone</i></p>
	<p><b>F.O.B – F.A.B</b> <b>Destination</b></p>	
	<p><b>Address Enquiries to - Adresser toutes questions à</b> Megan Filliol <a href="mailto:megan.filliol@ec.gc.ca">megan.filliol@ec.gc.ca</a></p>	
	<p><b>Telephone No. – No de téléphone</b> 902-600-6216</p>	<p><b>Fax No. – No de Fax</b></p>
	<p><b>Delivery Required (YEAR-MM-DD) – Livraison exigée (AAAA-MM-JJ)</b> Specified herein</p>	
	<p><b>Destination of Services / Destination des services</b> Specified herein</p>	
	<p><b>Security / Sécurité</b> There is a security requirement, see herein</p>	

The amendment to the bid solicitation is to address the enquiries received:

Response(s) (R) to Question(s) (Q):

**Q4:** Please advise how Procurement Strategy for Indigenous Business will be addressed in this solicitation?

**R4:** Additional point-rated evaluation criteria to address this have been included in this solicitation, see below.

**Q5:** Is it possible to submit two bids for this tender – one where we would be a contractor to the leading firm providing fixed wing aerial services, and a second bid where we would be the lead firm using some of our own field staff?

**R5:** The 2003 (2020-05-28) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation. Link to Standard Instructions: <https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/1/2003/25#submission-of-bids>. You can submit as a Bidder or Joint Venture in accordance with the definitions.

The bid solicitation is amended as follows:

**At page 1, Bid Solicitation Closes:**

**Delete:** 2021-12-17

**Insert:** 2021-12-31

**At PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION, 4.4 Basis of Selection**

**Delete:**

1. To be declared responsive, a bid must:
  - a. comply with all the requirements of the bid solicitation; and
  - b. meet all mandatory criteria; and
  - c. obtain the required minimum of 110 points overall for the technical evaluation criteria which are subject to point rating. The rating is performed on a scale of 190 points.

**Insert:**

1. To be declared responsive, a bid must:
  - a. comply with all the requirements of the bid solicitation; and
  - b. meet all mandatory criteria; and
  - c. obtain the required minimum of 110 points overall for the technical evaluation criteria which are subject to point rating. The rating is performed on a scale of 215 points.

**At ATTACHMENT “1” TO PART 4, MANDATORY TECHNICAL CRITERIA AND POINT RATED TECHNICAL CRITERIA:**

Delete:  
**Rated Criteria**

Item	Criteria	Maximum Score	Technical proposal reference
<b>R1.</b>	<b>Aerial Surveys</b>	<b>70</b>	
R1.1	<p>Bidder Experience</p> <p>The Bidder should describe the Project Manager’s experience conducting <b>aerial surveys for caribou</b> by providing reference projects where the Project Manager was responsible for planning, conducting and reporting on <b>caribou aerial surveys</b>. Eligible projects must have been:</p> <p>a) completed in the last 5 years, and            b) employed fixed-wing and/or rotary wing aircraft</p> <p><b>Rating Scheme</b></p> <p>*projects referenced under Mandatory criteria (M2) can be referenced here</p> <p>(10 pts) More than two reference projects are provided.</p> <p>(5 pts) Two reference projects are provided.</p> <p>(0 pts) Reference projects do not meet the criteria or the requested information is not provided by the bidder.</p>	<b>10</b>	
R1.2	<p>Bidder Experience</p> <p>The Bidder should describe its experience conducting <b>aerial surveys in Ontario’s Far North</b> by providing reference projects where the Bidder was responsible for planning, and conducting aerial surveys in Ontario’s Far North.</p>	<b>10</b>	

	<p>Ontario's Far North is defined as the region within the province that is north of active forest management and permanent road network.</p> <p>Eligible projects must have been:</p> <ul style="list-style-type: none"> <li>a) completed in the last 5 years, and</li> <li>b) employed fixed-wing and/or rotary wing aircraft</li> </ul> <p><b>Rating Scheme</b></p> <p>*projects referenced under Mandatory criteria (M2) and Rated criteria (R1.1) can be referenced here</p> <ul style="list-style-type: none"> <li>(10 pts) More than two reference projects are provided.</li> <li>(5 pts) Two reference projects are provided.</li> <li>(0 pts) Reference projects do not meet the criteria or the requested information is not provided by the bidder.</li> </ul>		
R1.3	<p>Aerial Survey Crew Experience (excluding the Pilot)</p> <p>The bidder should provide a description of each surveillance crew member's knowledge, skills and expertise including:</p> <ul style="list-style-type: none"> <li>a) Experience riding in rotary wing aircraft; and</li> <li>b) Observation skills and experience identifying wildlife sign from the air; and</li> <li>c) Experience and capable of locating and distinguishing the sign of caribou specifically and other ungulates and large mammals (i.e., moose, wolves) including: tracks, trails, feeding and resting sites</li> </ul> <p><b>Rating Scheme</b></p> <ul style="list-style-type: none"> <li>(30 pts) All crew members have provided two or more reference projects that</li> </ul>	<b>30</b>	

	<p>demonstrate that they have all described knowledge, skills and expertise.</p> <p>(20 pts) Two of the crew members are able to provide two or more reference projects that demonstrate that they have the described knowledge, skills and expertise.</p> <p>(10 pts) At least one of the crew members is able to provide two or more reference projects that demonstrate that they have the described knowledge, skills and expertise.</p> <p>(0 pts) The crew members do not have skills that meet the criteria or the requested information is not provided by the bidder.</p>		
R1.4	<p>Aerial Survey Pilot Experience (Fixed wing or helicopter)</p> <p>The bidder should provide for each aerial survey pilot (primary and backup):</p> <p>a) The number of aerial survey projects (and number of missions) in the last two years that were flown as Pilot-in-Command (PIC) where at least half (50%) of the flying hours were in remote northern conditions (experience must match the proposed aircraft type i.e. helicopter or fixed-wing proposed for conducting aerial surveys); and</p> <p>b) where flights followed pre-determined transects</p> <p><b>Rating Scheme</b></p> <p>For each pilot (primary and backup):</p> <p>(10 pts) More than 2 projects that meet both the criteria are provided.</p>	<b>20</b>	

	<p>(5 pts) At least 2 projects that meet both the criteria are provided.</p> <p>(0 pts) Pilots do not meet either of these thresholds or the requested information is not provided by the bidder.</p>		
R.2	Fecal Pellet Collection	<b>70</b>	
R2.1	<p>Bidder Experience</p> <p>The bidder should describe the Project Manager's experience planning, conducting and reporting on the systematic <b>collection of caribou fecal pellets</b> by providing reference project(s). The eligible project(s) must have been:</p> <p>a) completed in the last 5 years; and</p> <p>b) required helicopter services to deliver personnel to and return from sites for ground operations of relatively short durations</p> <p><b>Rating Scheme</b></p> <p>(20 pts) More than one reference project is provided.</p> <p>(10 pts) One reference project is provided.</p> <p>(0 pts) Reference projects do not meet the criteria or the requested information is not provided by the bidder.</p>	<b>20</b>	
R2.2	<p>Helicopter Pellet Collection Crew (excluding pilot) Experience</p> <p>The bidder should describe each collection crew member's knowledge, skills and expertise including:</p> <p>a) Experience riding in rotary wing aircraft; and</p> <p>b) Observation skills and experience identifying wildlife sign from the air and the ground; and</p> <p>c) Experience and capable of locating and distinguishing the sign of caribou specifically and other ungulates and large mammals (i.e., moose, wolves)</p>	<b>30</b>	

	<p>including: tracks, trails, feeding and resting sites; and</p> <p>d) Able to identify and distinguish caribou fecal pellets from those of other ungulates</p> <p><b>Rating Scheme</b></p> <p>(30 pts) Two or more crew members have provided two or more reference projects that demonstrate that they have all described knowledge skills and expertise.</p> <p>(20 pts) At least one of the crew members has provided two or more reference projects that demonstrate that they have all described knowledge, skills and expertise.</p> <p>(0 pts) The crew members do not have skills that meet the criteria or the requested information is not provided by the bidder.</p>		
R2.3	<p>Helicopter Pilot Experience</p> <p>The bidder should describe for each helicopter pilot (primary and back-up):</p> <p>a) the number of projects (and missions) in the last two years that were flown as PIC where at least half (50%) of the flying hours were in remote conditions; and</p> <p>b) where crew deployments involved hover exits, and/or exits under power at unprepared drop-off and pick-up locations</p> <p><b>Rating Scheme</b></p> <p>For each pilot (primary and backup):</p> <p>(10 pts) More than 2 projects that meet both the criteria are provided.</p>	<b>20</b>	

	<p>(5 pts) At least 2 projects that meet both the criteria are provided.</p> <p>(0 pts) Pilots do not meet any of these thresholds or the requested information is not provided by the bidder.</p>		
<b>R.3</b>	<b>Approach</b>	<b>50</b>	
R3.1	<p>The Bidder should describe its Risk Management Plan addressing at a minimum:</p> <ul style="list-style-type: none"> <li>a) timing risks</li> <li>b) personnel risks</li> <li>c) safety risks</li> <li>d) quality control risks</li> </ul> <p><b>Rating scheme:</b></p> <p>(20 pts) The Risk Management Plan includes a detailed description of the steps that will be undertaken to effectively address each of the potential risks. The Risk Management Plan is complete, realistic and feasible.</p> <p>(10 pts) The Risk Management Plan includes a description of the steps that will be undertaken to effectively address each of the potential risks. All risk categories are addressed but some are not clearly described with sufficient detail. The approach is realistic and feasible.</p> <p>(5 pts) The Risk Management Plan includes a description of the steps that will be undertaken to effectively address each of the potential risks, but is a) missing one of the risk categories; OR b) some</p>	<b>20</b>	



	<p>steps are not realistic or feasible.</p> <p>(0 pts) The Risk Management Plan is incomplete (missing steps), not realistic or not feasible.</p>		
R3.2	<p>The Bidder should describe the proposed logistical approach to systematic aerial surveys and pellet collection following the protocol provided</p> <p>a) Provide map(s) to support the described logistical approach</p> <p><b>Rating scheme:</b></p> <p>(30 pts) The approach includes a detailed description of the steps that will be undertaken to meet each deliverable in the Statement of Work. Maps are provided and clearly illustrate the proposed work plan (field travel and logistics). The approach is complete, realistic and feasible.</p> <p>(20 pts) The approach includes a description of the steps that will be undertaken to meet each deliverable in the Statement of Work. Maps are provided to support the description of some key steps. All key steps are included but some steps are not clearly described with sufficient detail. The approach is realistic and feasible.</p> <p>(10 pts) The methodological approach includes a description of the steps that will be undertaken to meet each deliverable in the Statement of Work, but is a) missing a key step; b) some steps are not realistic or</p>	<b>30</b>	

	feasible; OR c) does not include map(s).  (0 pts) The methodological approach is incomplete (missing steps), not realistic or not feasible.		
	<b>Maximum Points Available</b>	<b>190</b>	
	<b>Minimum Points Required</b>	<b>110</b>	
	<b>TOTAL</b>		

**Insert:  
 Rated Criteria**

Item	Criteria	Maximum Score	Technical proposal reference
<b>R1.</b>	<b>Aerial Surveys</b>	<b>70</b>	
R1.1	<p>Bidder Experience</p> <p>The Bidder should describe the Project Manager's experience conducting <b>aerial surveys for caribou</b> by providing reference projects where the Project Manager was responsible for planning, conducting and reporting on <b>caribou aerial surveys</b>. Eligible projects must have been:</p> <p>a) completed in the last 5 years, and            b) employed fixed-wing and/or rotary wing aircraft</p> <p><b>Rating Scheme</b></p> <p>*projects referenced under Mandatory criteria (M2) can be referenced here</p> <p>(10 pts) More than two reference projects are provided.</p> <p>(5 pts) Two reference projects are provided.</p> <p>(0 pts) Reference projects do not meet the criteria or the requested information is not provided by the bidder.</p>	<b>10</b>	
R1.2	Bidder Experience	<b>10</b>	

	<p>The Bidder should describe its experience conducting <b>aerial surveys in Ontario’s Far North</b> by providing reference projects where the Bidder was responsible for planning, and conducting aerial surveys in Ontario’s Far North.</p> <p>Ontario’s Far North is defined as the region within the province that is north of active forest management and permanent road network.</p> <p>Eligible projects must have been:</p> <ul style="list-style-type: none"> <li>a) completed in the last 5 years, and</li> <li>b) employed fixed-wing and/or rotary wing aircraft</li> </ul> <p><b>Rating Scheme</b></p> <p>*projects referenced under Mandatory criteria (M2) and Rated criteria (R1.1) can be referenced here</p> <ul style="list-style-type: none"> <li>(10 pts) More than two reference projects are provided.</li> <li>(5 pts) Two reference projects are provided.</li> <li>(0 pts) Reference projects do not meet the criteria or the requested information is not provided by the bidder.</li> </ul>		
R1.3	<p><b>Aerial Survey Crew Experience (excluding the Pilot)</b></p> <p>The bidder should provide a description of each surveillance crew member’s knowledge, skills and expertise including:</p> <ul style="list-style-type: none"> <li>a) Experience riding in rotary wing aircraft; and</li> <li>b) Observation skills and experience identifying wildlife sign from the air; and</li> <li>c) Experience and capable of locating and distinguishing the sign of caribou specifically and other ungulates and large</li> </ul>	<b>30</b>	

	<p>mammals (i.e., moose, wolves) including: tracks, trails, feeding and resting sites</p> <p><b>Rating Scheme</b></p> <p>(30 pts) All crew members have provided two or more reference projects that demonstrate that they have all described knowledge, skills and expertise.</p> <p>(20 pts) Two of the crew members are able to provide two or more reference projects that demonstrate that they have the described knowledge, skills and expertise.</p> <p>(10 pts) At least one of the crew members is able to provide two or more reference projects that demonstrate that they have the described knowledge, skills and expertise.</p> <p>(0 pts) The crew members do not have skills that meet the criteria or the requested information is not provided by the bidder.</p>		
R1.4	<p>Aerial Survey Pilot Experience (Fixed wing or helicopter)</p> <p>The bidder should provide for each aerial survey pilot (primary and backup):</p> <p>a) The number of aerial survey projects (and number of missions) in the last two years that were flown as Pilot-in-Command (PIC) where at least half (50%) of the flying hours were in remote northern conditions (experience must match the proposed aircraft type i.e. helicopter or fixed-wing proposed for conducting aerial surveys); and</p>	<b>20</b>	

	<p>b) where flights followed pre-determined transects</p> <p><b>Rating Scheme</b></p> <p>For each pilot (primary and backup):</p> <p>(10 pts) More than 2 projects that meet both the criteria are provided.</p> <p>(5 pts) At least 2 projects that meet both the criteria are provided.</p> <p>(0 pts) Pilots do not meet either of these thresholds or the requested information is not provided by the bidder.</p>		
R.2	Fecal Pellet Collection	<b>70</b>	
R2.1	<p>Bidder Experience</p> <p>The bidder should describe the Project Manager's experience planning, conducting and reporting on the systematic <b>collection of caribou fecal pellets</b> by providing reference project(s). The eligible project(s) must have been:</p> <p>a) completed in the last 5 years; and</p> <p>b) required helicopter services to deliver personnel to and return from sites for ground operations of relatively short durations</p> <p><b>Rating Scheme</b></p> <p>(20 pts) More than one reference project is provided.</p> <p>(10 pts) One reference project is provided.</p> <p>(0 pts) Reference projects do not meet the criteria or the requested information is not provided by the bidder.</p>	<b>20</b>	
R2.2	<p>Helicopter Pellet Collection Crew (excluding pilot) Experience</p> <p>The bidder should describe each collection crew member's knowledge, skills and expertise including:</p>	<b>30</b>	

	<p>a) Experience riding in rotary wing aircraft; and</p> <p>b) Observation skills and experience identifying wildlife sign from the air and the ground; and</p> <p>c) Experience and capable of locating and distinguishing the sign of caribou specifically and other ungulates and large mammals (i.e., moose, wolves) including: tracks, trails, feeding and resting sites; and</p> <p>d) Able to identify and distinguish caribou fecal pellets from those of other ungulates</p> <p><b>Rating Scheme</b></p> <p>(30 pts) Two or more crew members have provided two or more reference projects that demonstrate that they have all described knowledge skills and expertise.</p> <p>(20 pts) At least one of the crew members has provided two or more reference projects that demonstrate that they have all described knowledge, skills and expertise.</p> <p>(0 pts) The crew members do not have skills that meet the criteria or the requested information is not provided by the bidder.</p>		
R2.3	<p>Helicopter Pilot Experience</p> <p>The bidder should describe for each helicopter pilot (primary and back-up):</p> <p>a) the number of projects (and missions) in the last two years that were flown as PIC where at least half (50%) of the flying hours were in remote conditions; and</p> <p>b) where crew deployments involved hover exits, and/or exits under</p>	<b>20</b>	

	<p>power at unprepared drop-off and pick-up locations</p> <p><b>Rating Scheme</b></p> <p>For each pilot (primary and backup):</p> <p>(10 pts) More than 2 projects that meet both the criteria are provided.</p> <p>(5 pts) At least 2 projects that meet both the criteria are provided.</p> <p>(0 pts) Pilots do not meet any of these thresholds or the requested information is not provided by the bidder.</p>		
<b>R.3</b>	<b>Approach</b>	<b>50</b>	
R3.1	<p>The Bidder should describe its Risk Management Plan addressing at a minimum:</p> <p>a) timing risks          b) personnel risks          c) safety risks          d) quality control risks</p> <p><b>Rating scheme:</b></p> <p>(20 pts) The Risk Management Plan includes a detailed description of the steps that will be undertaken to effectively address each of the potential risks. The Risk Management Plan is complete, realistic and feasible.</p> <p>(10 pts) The Risk Management Plan includes a description of the steps that will be undertaken to effectively address each of the potential risks. All risk categories are addressed but some are not clearly described with sufficient detail. The approach is realistic and feasible.</p>	<b>20</b>	

	<p>(5 pts) The Risk Management Plan includes a description of the steps that will be undertaken to effectively address each of the potential risks, but is a) missing one of the risk categories; OR b) some steps are not realistic or feasible.</p> <p>(0 pts) The Risk Management Plan is incomplete (missing steps), not realistic or not feasible.</p>		
<p>R3.2</p>	<p>The Bidder should describe the proposed logistical approach to systematic aerial surveys and pellet collection following the protocol provided</p> <p>a) Provide map(s) to support the described logistical approach</p> <p><b>Rating scheme:</b></p> <p>(30 pts) The approach includes a detailed description of the steps that will be undertaken to meet each deliverable in the Statement of Work. Maps are provided and clearly illustrate the proposed work plan (field travel and logistics). The approach is complete, realistic and feasible.</p> <p>(20 pts) The approach includes a description of the steps that will be undertaken to meet each deliverable in the Statement of Work. Maps are provided to support the description of some key steps. All key steps are included but some steps are not clearly described with sufficient detail. The approach is realistic and feasible.</p>	<p><b>30</b></p>	



	<p>(10 pts) The methodological approach includes a description of the steps that will be undertaken to meet each deliverable in the Statement of Work, but is a) missing a key step; b) some steps are not realistic or feasible; OR c) does not include map(s).</p> <p>(0 pts) The methodological approach is incomplete (missing steps), not realistic or not feasible.</p>		
R.4	Indigenous Benefits Criteria	25	
R4.1	<p><b>The Bidder should demonstrate in their bid a commitment to socio-economic benefits related to Indigenous Communities and Individuals. For this solicitation Indigenous is defined as First Nations, and/or Métis, and/or Inuit.</b></p> <p><b>Indigenous Benefits Criteria – Indigenous Employees</b></p> <p>The Bidder should provide the number of self-declared Indigenous employees in the bidder’s organization in their bid submission. There is an expectation that the number of Indigenous personnel employed with the bidder’s organization, as submitted in the bid proposal, will continue over the course of the contract.</p> <p>The Bidder’s plan includes full or partime employment of Indigenous personnel within the Bidder’s organization.</p> <p>Points will be allocated as follows:</p> <ul style="list-style-type: none"> <li>• Five (5) points per identified personnel up to a maximum of fifteen (15) points.</li> </ul>	15	
R4.2	<b>Indigenous Benefits Criteria – Indigenous Training</b>	5	

	<p>The Bidder should include in their bid submission a plan for Contractor-led knowledge transfer or training of Indigenous individuals</p> <p>a. The Bidder's plan includes a description of how knowledge transfer or training of Indigenous individuals or Indigenous community groups will be conducted, including timelines. To be awarded points, knowledge transfer or training must be led by the Contractor. Training offered by Environment and Climate Change Canada will not be considered.</p>		
R4.3	<p><b>Indigenous Benefits Criteria – Social Programs</b></p> <p>The Bidder should include in their bid submission details for support of local Indigenous community social programs</p> <p>a. The Bidder's plan includes a description of how their organization will support local Indigenous community social programs, such as, but not limited to, contributions to after school programs to encourage people to enter science related fields, contributions to sustainable resource management or environmental protection programs, or community recreation facilities and programs. Contributions may include presentations, workshops or other activities of interest. To be awarded points, the description must include details and timelines of contributions.</p>	5	
	<b>Maximum Points Available</b>	<b>215</b>	
	<b>Minimum Points Required</b>	<b>110</b>	
	<b>TOTAL</b>		

All other terms and conditions of the Bid Solicitation remain the same.