



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Bid Receiving Public Works and Government
Services Canada/Réception des
soumissions/Travaux publics et Services
gouvernementaux Canada

See herein for bid submission
instructions/

Voir la présente pour les
instructions sur la présentation
d'une soumission

NA

Alberta

REQUEST FOR PROPOSAL DEMANDE DE PROPOSITION

**Proposal To: Public Works and Government
Services Canada**

We hereby offer to sell to Her Majesty the Queen in right
of Canada, in accordance with the terms and conditions
set out herein, referred to herein or attached hereto, the
goods, services, and construction listed herein and on any
attached sheets at the price(s) set out therefor.

**Proposition aux: Travaux Publics et Services
Gouvernementaux Canada**

Nous offrons par la présente de vendre à Sa Majesté la
Reine du chef du Canada, aux conditions énoncées ou
incluses par référence dans la présente et aux annexes
ci-jointes, les biens, services et construction énumérés
ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments - Commentaires

Vendor/Firm Name and Address

**Raison sociale et adresse du
fournisseur/de l'entrepreneur**

Issuing Office - Bureau de distribution

Public Works and Government Services / Travaux publics et
services gouvernementaux
Canada Place/Place du Canada
Suite 1000
10th Floor/10e étage
9700 Jasper Ave/9700 ave Jasper
Edmonton
Alberta
T5J 4C3

Title - Sujet Satellite Imagery Reader	
Solicitation No. - N° de l'invitation F2402-200136/A	Date 2020-11-16
Client Reference No. - N° de référence du client F2402-200136	
GETS Reference No. - N° de référence de SEAG PW-\$EDM-014-11942	
File No. - N° de dossier EDM-0-43135 (014)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Mountain Standard Time MST on - le 2020-12-17 Heure Normale des Rocheuses HNR	
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: Lau, Chris	Buyer Id - Id de l'acheteur edm014
Telephone No. - N° de téléphone (780) 566-2195 ()	FAX No. - N° de FAX (780) 497-3510
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF FISHERIES AND OCEANS FRESHWATER INSTITUTE 501 UNIVERSITY CRES. WINNIPEG Manitoba R3T2N6 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée See Herein – Voir ci-inclus	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

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edm014
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PART 1 - GENERAL INFORMATION

1.1 Requirement

The requirement is detailed under 6.2 of the resulting contract clauses

1.2 Debriefings

Bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

1.3 epost Connect service

This bid solicitation allows bidders to use the epost Connect service provided by Canada Post Corporation to transmit their bid electronically. Bidders must refer to Part 2 entitled Bidder Instructions, and Part 3 entitled Bid Preparation Instructions, of the bid solicitation, for further information.

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The [2003](#) (2020-05-28) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

2.2 Submission of Bids

Bids must be submitted only to the Public Works and Government Services Canada (PWGSC) Bid Receiving Unit specified below by the date and time indicated on page 1 of the bid solicitation:

PWGSC Western Region Bid Receiving Unit

Only bids submitted using epost Connect service will be accepted. The Bidder must send an email requesting to open an epost Connect conversation to the following address:

roreceptionSoumissions.wrbidreceiving@tpsgc-pwgsc.gc.ca

Note: Bids will not be accepted if emailed directly to this email address. This email address is to be used to open an epost Connect conversation, as detailed in Standard Instructions [2003](#), or to send bids through an epost Connect message if the bidder is using its own licensing agreement for epost Connect.

It is the Bidder's responsibility to ensure the request for opening an epost Connect conversation is sent to the email address above at least six days before the solicitation closing date.

Bids transmitted by facsimile or hardcopy to PWGSC will not be accepted.

2.3 Former Public Servant (*To be filled in by bidder*)

Contracts awarded to former public servants (FPS) in receipt of a pension or of a lump sum payment must bear the closest public scrutiny, and reflect fairness in the spending of public funds. In order to comply with Treasury Board policies and directives on contracts awarded to FPSs, bidders must provide the information required below before contract award. If the answer to the questions and, as applicable the information required have not been received by the time the evaluation of bids is completed, Canada will inform the Bidder of a time frame within which to provide the information. Failure to comply with Canada's request and meet the requirement within the prescribed time frame will render the bid non-responsive.

Definitions

For the purposes of this clause, "former public servant" is any former member of a department as defined in the [Financial Administration Act](#), R.S., 1985, c. F-11, a former member of the Canadian Armed Forces or a former member of the Royal Canadian Mounted Police. A former public servant may be:

- a. an individual;
- b. an individual who has incorporated;
- c. a partnership made of former public servants; or
- d. a sole proprietorship or entity where the affected individual has a controlling or major interest in the entity.

"lump sum payment period" means the period measured in weeks of salary, for which payment has been made to facilitate the transition to retirement or to other employment as a result of the implementation of various programs to reduce the size of the Public Service. The lump sum payment period does not include the period of severance pay, which is measured in a like manner.

"pension" means a pension or annual allowance paid under the [Public Service Superannuation Act](#) (PSSA), R.S., 1985, c. P-36, and any increases paid pursuant to the [Supplementary Retirement Benefits Act](#), R.S., 1985, c. S-24 as it affects the PSSA. It does not include pensions payable pursuant to the [Canadian Forces Superannuation Act](#), R.S., 1985, c. C-17, the [Defence Services Pension Continuation Act](#), 1970, c. D-3, the [Royal Canadian Mounted Police Pension Continuation Act](#), 1970, c. R-10, and the [Royal Canadian Mounted Police Superannuation Act](#), R.S., 1985, c. R-11, the [Members of Parliament Retiring Allowances Act](#), R.S. 1985, c. M-5, and that portion of pension payable to the [Canada Pension Plan Act](#), R.S., 1985, c. C-8.

Former Public Servant in Receipt of a Pension

As per the above definitions, is the Bidder a FPS in receipt of a pension? **Yes () No ()**

If so, the Bidder must provide the following information, for all FPSs in receipt of a pension, as applicable:

- a. name of former public servant;
- b. date of termination of employment or retirement from the Public Service.

By providing this information, Bidders agree that the successful Bidder's status, with respect to being a former public servant in receipt of a pension, will be reported on departmental websites as part of the published proactive disclosure reports in accordance with [Contracting Policy Notice: 2012-2](#) and the [Guidelines on the Proactive Disclosure of Contracts](#).

Work Force Adjustment Directive

Is the Bidder a FPS who received a lump sum payment pursuant to the terms of the Work Force Adjustment Directive? **Yes () No ()**

If so, the Bidder must provide the following information:

- a. name of former public servant;
- b. conditions of the lump sum payment incentive;
- c. date of termination of employment;
- d. amount of lump sum payment;
- e. rate of pay on which lump sum payment is based;
- f. period of lump sum payment including start date, end date and number of weeks;
- g. number and amount (professional fees) of other contracts subject to the restrictions of a work force adjustment program.

For all contracts awarded during the lump sum payment period, the total amount of fees that may be paid to a FPS who received a lump sum payment is \$5,000, including Applicable Taxes.

2.4 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than 5 calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by Bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all Bidders. Enquiries not submitted in a form that can be distributed to all Bidders may not be answered by Canada.

2.5 Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Manitoba.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the Bidders.

2.6 Bid Challenge and Recourse Mechanisms

- (a) Several mechanisms are available to potential suppliers to challenge aspects of the procurement process up to and including contract award.

- (b) Canada encourages suppliers to first bring their concerns to the attention of the Contracting Authority. Canada's [Buy and Sell](#) website, under the heading "[Bid Challenge and Recourse Mechanisms](#)" contains information on potential complaint bodies such as:
- Office of the Procurement Ombudsman (OPO)
 - Canadian International Trade Tribunal (CITT)
- (c) Suppliers should note that there are **strict deadlines** for filing complaints, and the time periods vary depending on the complaint body in question. Suppliers should therefore act quickly when they want to challenge any aspect of the procurement process.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

The Bidder must submit its bid electronically in accordance with section 08 of the 2003 standard instructions. The epost Connect system has a limit of 1GB per single message posted and a limit of 20GB per conversation.

The bid must be gathered per section and separated as follows:

Section I: Technical Bid
Section II: Financial Bid
Section III: Certifications

Bids transmitted by facsimile or hardcopy will not be accepted.

Section I: Technical Bid

In their technical bid, Bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment.

3.1.1 Electronic Payment of Invoices – Bid

If you are willing to accept payment of invoices by Electronic Payment Instruments, complete Annex "D" Electronic Payment Instruments, to identify which ones are accepted.

If Annex "D" Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

3.1.2 Exchange Rate Fluctuation

[C3011T](#) (2013-11-06), Exchange Rate Fluctuation

Section III: Certifications

Bidders must submit the certifications and additional information required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Technical Criteria

Mandatory Technical Evaluation Criteria are included in Annex "C".

4.1.2 Financial Evaluation

The Total Bid Price will be calculated in the following method:

The unit price quoted for each item will be multiplied by the estimated quantity to arrive at a total price per item. The total prices per item will be aggregated to determine the Total Assessed Bid Price.

4.2 Basis of Selection

4.2.1 Mandatory Technical Criteria

SACC Manual Clause [A0031T](#) (2010-08-16), Basis of Selection – Mandatory Technical Criteria

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

Bidders must provide the required certifications and additional information to be awarded a contract.

The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare a bid non-responsive, or will declare a contractor in default if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority will render the bid non-responsive or constitute a default under the Contract.

5.1 Certifications Required with the Bid

Bidders must submit the following duly completed certifications as part of their bid.

5.1.1 Integrity Provisions - Declaration of Convicted Offences

In accordance with the Integrity Provisions of the Standard Instructions, all bidders must provide with their bid, **if applicable**, the declaration form available on the [Forms for the Integrity Regime](http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html) website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>), to be given further consideration in the procurement process.

5.2 Certifications Precedent to Contract Award and Additional Information

The certifications and additional information listed below should be submitted with the bid, but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Failure to provide the certifications or the additional information listed below within the time frame provided will render the bid non-responsive.

5.2.1 Integrity Provisions – Required Documentation

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real procurement agreement of the [Ineligibility and Suspension Policy](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#>).

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list at the time of contract award.

PART 6 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

6.1 Security Requirements

6.1.1 There is no security requirement applicable to this Contract.

6.2 Requirement

The Contractor must provide the items detailed under the Requirement at Annex "A".

6.3 Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

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6.3.1 General Conditions

2010C (2020-05-28), General Conditions - Services (Medium Complexity) apply to and form part of the Contract.

6.4 Term of Contract

6.4.1 Period of the Contract

The period of the Contract is from date of Contract to _____ inclusive. (*To be released at contract award*)

6.4.2 Delivery Date

All the deliverables must be received on or before **2021-03-31**.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Christopher Lau
Title: Procurement Specialist
Public Services and Procurement Canada
Acquisitions Branch

Canada Place, Suite 1000
9700 Jasper Avenue
Edmonton AB T5J 4C3

Telephone: 780-566-2195
Facsimile: 780-497-3510
E-mail address: christopher.lau@pwgsc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

6.5.2 Project Authority (*To be released at contract award*)

The Project Authority for the Contract is:

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone: _____
Facsimile: _____
E-mail address: _____

The Project Authority is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Project Authority, however the

Project Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

6.5.3 Contractor's Representative (*To be filled in by bidder*)

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone: ____ - ____ - ____
Facsimile: ____ - ____ - ____
E-mail address: _____

6.6 Proactive Disclosure of Contracts with Former Public Servants

By providing information on its status, with respect to being a former public servant in receipt of a [Public Service Superannuation Act](#) (PSSA) pension, the Contractor has agreed that this information will be reported on departmental websites as part of the published proactive disclosure reports, in accordance with [Contracting Policy Notice: 2012-2](#) of the Treasury Board Secretariat of Canada.

6.7 Payment

6.7.1 Basis of Payment

The Contractor will be reimbursed for the costs reasonably and properly incurred in the performance of the Work, as determined in accordance with the Basis of Payment in Annex "B", to a limitation of expenditure of \$_____ (*insert the amount at contract award*). Customs duties are included and Applicable Taxes are extra.

6.7.2 Limitation of Expenditure

6.7.2.1 Canada's total liability to the Contractor under the Contract must not exceed \$_____ (*insert the amount at contract award*). Customs duties are included and Applicable Taxes are extra.

6.7.2.2 No increase in the total liability of Canada or in the price of the Work resulting from any design changes, modifications or interpretations of the Work, will be authorized or paid to the Contractor unless these design changes, modifications or interpretations have been approved, in writing, by the Contracting Authority before their incorporation into the Work. The Contractor must not perform any work or provide any service that would result in Canada's total liability being exceeded before obtaining the written approval of the Contracting Authority. The Contractor must notify the Contracting Authority in writing as to the adequacy of this sum:

- a. when it is 75 percent committed, or
- b. four (4) months before the contract expiry date, or
- c. as soon as the Contractor considers that the contract funds provided are inadequate for the completion of the Work, whichever comes first.

6.7.2.3 If the notification is for inadequate contract funds, the Contractor must provide to the Contracting Authority a written estimate for the additional funds required. Provision of such information by the Contractor does not increase Canada's liability

6.7.2 Single Payment

SACC Manual clause H1000C (2008-05-12), Single Payment

6.7.3 SACC Manual Clauses

C2000C (2007-11-30), Taxes - Foreign-based Contractor (if applicable)

6.7.4 Electronic Payment of Invoices – Contract

The Contractor accepts to be paid using any of the following Electronic Payment Instrument(s):

- a. Visa Acquisition Card;
- b. MasterCard Acquisition Card;
- c. Direct Deposit (Domestic and International);
- d. Electronic Data Interchange (EDI);
- e. Wire Transfer (International Only);
- f. Large Value Transfer System (LVTS) (Over \$25M)

6.8 Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
2. Invoices must be distributed as follows:

The original and one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.

6.9 Certifications and Additional Information

6.9.1 Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Contractor in its bid or precedent to contract award, and the ongoing cooperation in providing additional information are conditions of the Contract and failure to comply will constitute the Contractor in default. Certifications are subject to verification by Canada during the entire period of the Contract.

6.10 Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in _____. (*To be filled in by bidder*)

6.11 Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

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edm014
CCC No./N° CCC - FMS No./N° VME

-
- (a) the Articles of Agreement;
 - (b) the general conditions 2010A (2018-06-21), General Conditions - Goods (medium complexity);
 - (c) Annex "A", Requirement;
 - (d) Annex "C", Basis of Payment;
 - (e) the Contractor's bid dated _____.

6.12 SACC Manual Clauses

G1005C (2016-01-28) Insurance – No Specific Requirement

ANNEX "A"

REQUIREMENT

1.0 Scope

1.1 Contract Title

Satellite Imagery Reader - Detection of cetaceans (primarily beluga whales and narwhal) from satellite imagery from the Canadian High Arctic

1.2 Contract Period

1.2.1 The work as described must be completed by **March 31, 2021**.

1.3 Objective

Fisheries and Oceans Canada (DFO) collected satellite imagery of areas frequented by narwhal and beluga whales in the Canadian High Arctic in August/September 2020 (maximum coverage of 20,000 km²). DFO requires that whales in the photos be identified, and enumerated and a final abundance estimate from each estuary/region be determined.

The work will provide scientific information (i.e., distribution and density of whales in estuaries) used by Fisheries and Oceans Canada to inform abundance and distribution of whales, assist with future survey planning, and identify important habitat.

1.4 Background Statement

The Eastern High Arctic – Baffin Bay beluga population spends summer in the fiords and inlets around Somerset Island, Nunavut. They are part of a subsistence hunt by hunters from Resolute and Jones Sound on the summering grounds, but are also hunted on their wintering grounds by hunters in west Greenland. A single abundance estimate suggests the population consists of over 20,000 belugas; however, this is outdated (from 1996) and more information on abundance and distribution is needed to ensure effective management of this population which is listed as special concern by the Committee on the Status of Endangered Wildlife in Canada. Beluga whales from the Cumberland Sound beluga population spend summer primarily in Clearwater Fiord and information on abundance and timing of migration in and out of the fiord is needed as this population is listed as Threatened by the SARA. Finally, narwhal in the Canadian high Arctic are subject to intense shipping traffic and information on distribution and density can assist with informing proponents of potential interactions with narwhal. The objective of this research is to evaluate beluga and narwhal distribution and abundance in estuaries and waterways in the Canadian high Arctic using satellite imagery. The WorldView 3 (WV3) satellite was tasked to take images of beluga estuaries and narwhal high use areas, which have been identified in previous surveys and through traditional knowledge, in August/September 2020 when beluga are known to congregate.

2.0 Requirements

2.1 Scope of Work

The Contractor will count narwhals and belugas based on the satellite imagery collected

in 2020, up to a maximum of 20,000 km².

DFO uses ArcMap 10.1 to view the satellite imagery and Adobe Photoshop to adjust the contrast and brightness of photos when needed. All data produced by the Contractor must be compatible with these instruments.

2.2 Tasks

- 2.2.1** Examine each photo for narwhals and beluga whales. Other large whales such as bowhead whales and killer whales should also be flagged if seen.
- 2.2.2** Identify and create a shapefile to outline any cloud cover/sun glare in the photo, and provide a percentage rate for the proportion of the photo that is unreadable due to sun glare/cloud cover.
- 2.2.3** Colour contrast/sharpen the images and adjust the bands as needed to improve ability to detect whales, and provide a metadata file describing how each image was manipulated
- 2.2.4** Identify any duplicate sightings that occur as a result of photographic overlap among the images.
- 2.2.5** Throughout analysis 5% of the total km² from each image should be re-read at the end of the contract in order to obtain an accuracy rate.
- 2.2.6** Submit a .CSV or .XLSX spreadsheet containing photograph ID's, counts of whales in each photograph, and any other information noted regarding the imagery (sun glare, high Beaufort sea state, cloud cover, etc.).
- 2.2.7** Submit a .CSV or .XLSX spreadsheet containing the final total counts of whales for individual images, and for all images combined for each estuary/waterway, with duplicate sightings removed.
- 2.2.8** Provide GIS files with all whales identified with shapefiles.

3.0 Departmental Support

DFO will be responsible for the following in support of the contract:

- 3.1** Providing all satellite imagery on an external hard drive or through a digital format.
- 3.2** Pay for courier costs for shipping of hard drive to and from vendor if required.
- 3.3** Will help to identify the photos to be re-read for quality control

4.0 Contractor Obligations

- 4.1** The contractor will be responsible for the following in support of the contract:

- 4.1.1 Ensure suitable equipment and software necessary to accomplish tasks detailed in section 2.2.;

5.0 Intellectual Property

Intellectual property will rest with the Department of Fisheries and Oceans.

6.0 Deliverables

Delivery will be made according to the following schedule:

Description	Required-by Date
Provide preliminary counts and shapefile of cetacean identification	On or before March 15, 2021
Complete cetacean identification and count in satellite imagery	On or before March 15, 2021
Submission of electronic data and return of hard drive	On or before March 31, 2021

Upon completion of each item in the above table, the Contractor will send a report via email to the Project Authority that includes the data from the defined task.

The electronic data in a proper format (see 2.2.6, 2.2.7, and 2.2.8) and return of the hard drive containing the imagery will be returned to the Project Authority by March 31, 2021.

7.0 Location of Work

Work will be done on Contractor's premises.

8.0 Language of Work

All requirements for completion of the project will be provided in English.

The proposed resource as the Special Advisor at the senior level must be fluent in English. Fluent is defined as Written, Verbal, and Comprehension at an intermediate or advance level. Please see below legend.

LANGUAGE PROFICIENCY GRID			
	Oral	Comprehension	Written
Basic	A person speaking at this level can: <ul style="list-style-type: none">ask and answer simple questions;give simple instructions; andgive uncomplicated directions relating to routine work situations.	A person reading at this level can: <ul style="list-style-type: none">fully understand very simple texts;grasp the main idea of texts about familiar topics; andread and understand elementary points of information such as dates, numbers, or names from relatively more complex texts to perform routine job-related tasks.	A person writing at this level can: <ul style="list-style-type: none">write isolated words, phrases, simple statements or questions on very familiar topics using words of time, place or person.

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Intermediate	A person speaking at this level can: <ul style="list-style-type: none">• sustain a conversation on concrete topics; report on actions taken;• give straightforward instructions to employees; and• provide factual descriptions and explanations.	A person reading at this level can: <ul style="list-style-type: none">• grasp the main idea of most work-related texts;• identify specific details; and• distinguish main from subsidiary ideas.	A person writing at this level can: <ul style="list-style-type: none">• deal with explicit information on work-related topics since they have sufficient mastery of grammar and vocabulary.
Advanced	A person speaking at this level can: <ul style="list-style-type: none">• support opinions; and understand and express hypothetical and conditional ideas	A person reading at this level can: <ul style="list-style-type: none">• understand most complex details, inferences and fine points of meaning; and• have a good comprehension of specialized or less familiar material.	A person writing at this level can: <ul style="list-style-type: none">• Write texts where ideas are developed and presented in a coherent manner.

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ANNEX "B"

BASIS OF PAYMENT

Prices quoted to be per km² price. GST/HST, if applicable, is to be shown as a separate item on any resulting invoice. Firm Unit Price must include ALL relative costs associated with providing the service in accordance with Annex "A" - Requirement and remain firm for the period of the Contract.

- Firm Service Prices do not include GST/HST. GST/HST will be added as a separate line item to any invoice issued as a result of the contract.

Item	Description	Maximum Estimated Qty. (A)	Firm Unit Price (B)	Maximum Extended Price (AxB)
1	Reading of satellite images for whales (per km ²)	20,000	\$_____/km ²	\$_____
Total Assessed Bid Price:				\$_____

ANNEX “C”

MANDATORY TECHNICAL EVALUATION CRITERIA

Bidders must meet all the mandatory requirements described below. Failure to meet any of the following mandatory criteria at solicitation closing will render your submission non-compliant and given no further consideration.

The Bidder must include the following table in their proposal, indicating that their proposal meets the mandatory criteria, and providing the proposal page number that contains the information to verify that the criteria has been met.

No.	Mandatory Requirement	Proposal Cross-reference Page
M1	The Bidder must demonstrate that it has the equipment and software to use ArcGIS, QGIS, ENVI or equivalent with the ability to save shapefiles of individually identified whales.	
M2	The Bidder must be able to report on their method of quality control including multiple readers re-reading parts of the same image, or same reader re-reading parts of the image days later. The Bidder must be able to report variability in reread images.	
M3	The Bidder must demonstrate that it has experience (minimum 2 years) reading satellite imagery for cetaceans or other wildlife. The bidder should provide reference to analyses for which they conducted the reading.	

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ANNEX “D” to PART 3 OF THE BID SOLICITATION

ELECTRONIC PAYMENT INSTRUMENTS

The Bidder accepts any of the following Electronic Payment Instrument(s):

- ☐ () VISA Acquisition Card;
- ☐ () MasterCard Acquisition Card;
- ☐ () Direct Deposit (Domestic and International);
- ☐ () Electronic Data Interchange (EDI);
- ☐ () Wire Transfer (International Only);
- ☐ () Large Value Transfer System (LVTS) (Over \$25M)