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REVISION 005 TO A REQUEST FOR PROPOSAL

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions remain the same.

Issuing Office - Bureau de distribution :
Parks Canada Agency
National Contracting Services
Calgary, AB

Title - Sujet : LiDAR and Orthophoto Imagery Data Collection - Riding Mountain National Park, MB		
Solicitation No. - N° de l'invitation : 5P420-20-0068/A	Date : August 6, 2020	
Amendment No. - N° de modification : 005		
Client Reference No. - N° de référence du client : n/a		
GETS Reference No. N° de référence de SEAG : PW-20-00920303		
Solicitation Closes - L'invitation prend fin : At - à : 14 :00 On - le : August 11, 2020		Time Zone - Fuseau horaire MDT
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 demande de renseignements à: Ryan Taylor		
Telephone No. - N° de telephone : (587) 436-5987	Fax No. -N° de télécopieur : 1-866-246-6893	Email Address – Courriel : ryan.taylor@canada.ca
Destination of Goods, Services, and Construction - Destination des biens, services, et construction : Riding Mountain National Park		
TO BE COMPLETED BY THE BIDDER - À REMPLIR PAR LE SOUMISSIONNAIRE		
Vendor/ Firm Name - Nom du fournisseur/ de l'entrepreneur :		
Address - Adresse :		
Telephone No. - N° de telephone :	Fax No. - N° de télécopieur :	
Name of person authorized to sign on behalf of the Vendor/Firm Nom de la personne autorisée a signer au nom du fournisseur/ de l'entrepreneur		
Signature :	Date :	

Solicitation No. - N° de l'invitation :
5P420-20-0068/A

Amd. No. - N° de la modif. :
005

Contracting Authority - Autorité contractante :
Ryan Taylor

Client Ref. No. - N° de réf. du client :
n/a

Title – Titre :
LiDAR and Orthophoto Imagery Data Collection - Riding Mountain National Park, MB

Amendment 005

This amendment is raised to:

- A. Answer questions from bidders;
- B. Amend Annex A – Statement of Work; and
- C. Amend Annex E – Technical Evaluation.

Bidders **MUST** submit their bids in accordance with the amended version of **Annex E – Technical Evaluation** contained herein.

A signed copy of this amendment is to accompany the bid submission. If your bid has already been submitted you may wish to revise it. Bid revisions must be submitted prior to the solicitation deadline, by fax to 1-866-246-6893 or email soumissionsouest-bidswest@canada.ca. Please indicate the solicitation number on all correspondence.

A. Questions and Answers

Q: There is a clear conflict in the RFP documents which was not properly addressed in the First or Second Addendum. The Statement of Work clearly states in Section 5, sub section 5.1.1 “.....Nominal point spacing will be at ≥ 2 points per metre”, which is in contrast to 10 points per metre required in response to Annex E. Parks Canada needs to confirm the requirements of the Work and Technical Bid clearly and directly.

A: 3.1 of the Technical Evaluation is revised to meet the minimum requirement stated in the Statement of Work. Additional information regarding data classification classes referenced in 3.1 of the Technical Evaluation is added to the Statement of Work. See below.

B. Amend Annex A – Statement of Work

DELETE:

5.1.1 Classified LAS files tiled at 1 km² tiles. Classes include ground and non-ground only. LAS files will contain all information regarding their recorded return number. Nominal point spacing will be at ≥ 2 points per metre.

INSERT:

5.1.1 Classified LAS files tiled at 1 km² tiles. Data classification according to the following classes : Ground (2), Building (6), Water (9), Low Point (noise)(7), Bridge Deck (17), High Noise (18), and unclassified (1). Data must be delivered in 1km x 1km tiles. LAS files will contain all information regarding their recorded return number. Nominal point spacing will be at ≥ 2 points per metre.

C. Amend Annex E – Technical Evaluation

Under Annex E – Technical Evaluation, delete section 1.3 in its entirety and replace it with the following:

INSERT:

3.1. Approach and Methodology - LiDAR			
3.1.	<p>Parks Canada would like the Bidder to describe the complete approach and method to acquire/classify LiDAR data that are compliant to the specifications described below. The area is 3000 km². A written description that includes images of maps presenting the flight lines, control, validation, etc. is preferable.</p> <p>The Bidder should demonstrate the ability to acquire LiDAR data according to the following specifications:</p> <ul style="list-style-type: none"> • A Non-Vegetated vertical accuracy of 10 cm at the 95- percent confidence level • Calculated horizontal accuracy of 20 cm. • An Aggregate Nominal Pulse Density (ANPD) of 2 pls/m² on 90% of territory (excluding waterbodies) • Data classification according to the following classes : Ground (2), Building (6), Water (9), Low Point (noise)(7), Bridge Deck (17), High Noise (18), and unclassified (1) • Data must be delivered in 1km x 1km tiles. • Data is delivered according to the UTM NAD83 CSRS coordinate system • Elevation data is orthometric and relative to the Canadian Geodetic Vertical Datum of 2013 (CGVD2013) <p>**The evaluation will be based on the following criteria**</p>		
3.1.1	Provide the manufacture, model and year of the device (sensor) that will be used for the LiDAR acquisition. (Instrumentation)	1.0	/10 X 1.0 = /10
3.1.2	Provide flight plan and data capture details to meet the specifications. (% of lateral overlap, scan angle, flight altitude, flight lines, reference control data). (Flight plan and data)	2.0	/10 X 2.0 = /20
3.1.3	Provide processing details required to achieve these specifications : (classification methodology for each required class, coordinate system, vertical reference system, tiling) (Data processing)	2.0	/10 X 2.0 = /20
3.1.4	Provide a quality control strategy that verifies that the data meets the specifications (accuracy, spatial distribution and regularity, pulse density, classification, territory without data (voids) (Data validation)	2.5	/10 X 2.5 = /25

ALL OTHER TERMS & CONDITIONS REMAIN UNCHANGED