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**Request for Proposal (RFP)**  
**AMENDMENT**

**Demande de proposition (DDP)**  
**MODIFICATION**

**Proposal To: Natural Resources 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 à: Ressources Naturelles 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

Issuing Office – Bureau de distribution

Finance and Procurement Management Branch  
Natural Resources Canada  
580 Booth Street  
Ottawa, Ontario  
K1A 0E4

Title – Sujet <b>National Bedrock Geology Mosaic</b>	
Solicitation No. – No de l’invitation <b>NRCan-5000069682</b>	Date November 8, 2022
Requisition Reference No. - N° de la demande <b>173610</b>	Amendment No. – Modification No. <b>002</b>
Solicitation Closes – L’invitation prend fin <b>at – à 02:00 PM (EST)</b> <b>on – le 28 November 2022</b>	
Address Enquiries to: - Adresse toutes questions à: <a href="mailto:andrea.bethelet@nrcan-rncan.gc.ca">andrea.bethelet@nrcan-rncan.gc.ca</a>	
Telephone No. – No de telephone 343-543-7092	
Destination – of Goods and Services: Destination – des biens et services: Natural Resources Canada 601 Booth Street Ottawa, ON K1A 0E8	
Security – Sécurité There are no security requirements associated with this requirement.	
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l’entrepreneur	
Telephone No.:- No. de téléphone: Email – Courriel :	
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



This Amendment **002** of RFP NRCan-5000069682 is issued to respond to questions, therefore amend the RFP as follows:

**Question 5:**

Would NRCan consider rephrasing the wording of M1 to allow for the mandatory experience to be that of the bidders team, and necessarily that of the supplier? For example:  
'The Bidder **MUST** demonstrate, as a prime or sub-contractor, **or the Bidders proposed team**, its experience in spatial data analytics and geoscience, as applied to bedrock geological map databases.  
In order to demonstrate this experience, the Bidder **MUST** provide two (2) written project summaries that they **or their team** have delivered within the past five (5) years (60 months) from date of bid closing...'

**Answer 5:**

NRCan agree to change the criterion M1 as follows:  
At Appendix 1- Evaluation Criteria, Section 1.1 Mandatory Evaluation Criteria  
**DELETE:** M1 entirely  
**INSERT** the following replacement of M1:

***Bidder Experience***

*The Bidder **MUST** demonstrate, as a prime or sub-contractor, **or the Bidders proposed team**, its experience in spatial data analytics and geoscience, as applied to bedrock geological map databases.  
In order to demonstrate this experience, the Bidder **MUST** provide two (2) written project summaries that they **or their team** have delivered within the past five (5) years (60 months) from date of bid closing.*

*Within each project summary, the Bidder **MUST** provide the following information:*

- a) Name of client and brief description of project;*
- b) Brief description of the type and scope of services provided, methodology used and results;*
- c) Brief description of the role the Bidder **or their team** played in providing these services (was the Bidder the Prime contractor or a sub-contractor on the project?);*
- d) Duration of the project, including the start and end dates (month/year to month/year);*
- e) Extent to which these services were provided on-time, on-budget and in accordance with the established project objectives; and*
- f) Name, telephone number and/or email address of the client reference to whom the Bidder **or their team** reported. The contact information may be used to validate the information provided.*

**Question 6:**

Can NRCan confirm that for M2, if the information requested for points a) and b) is provided, that this is sufficient to pass the mandatory criterion, M2? Can NRCan confirm that the passing of M2 is not dependent on a qualitative judgement of the information provided for points a) and b)?

**Answer 6:**

Yes, providing the information requested for points a) and b) is sufficient to pass the mandatory criterion M1, provided the project plan relates to the objectives of the SOW. No, the passing of M2 is not dependent on a qualitative judgement. Note M2 will be further evaluated against Rated criteria R2.

**Question 7:**

Your response to the previous question 1 indicated that the source data is composed of 22 maps for approximately a total of 400 000 polygons. Does it mean that all the source maps will be provided in vector format?

**Answer 7:**



Yes, all source map data is in vector format. However, the bidder and NRCAN may choose to work together using electronic tables to make edits easier.

**Question 8:**

Homogenisation of the maps will be made possible with the help of generalised table of lithologies which will be provided by NRCAN. Does it mean that NRCAN will provide a table of correspondence for each source maps with the final classification system? An example is given below:

	Source map 1	Source map 2	Source map 3	Homogenised labels
Labels	A1	A1-2	B1	C1
	A2		B2	
	A3	A3		C2
	A4	A4	B3	

**Answer 8:**

No. A table that links the source map data to the homogenized labels will not be provided. Instead, NRCAN can provide vector data with the homogenized labels as a separate vector file.

**Question 9:**

Does the homogenised legend will come with colour palette provided by NRCAN?

**Answer 9:**

NRCAN can provide colours. However, the statement of work does not require plotting or visualizing maps.

**Question 10:**

Is there any areas which will require vectorising of raster maps?

**Answer 10:**

Raster data will not be used and is not required as part of the required work.

**Question 11:**

Would NRCAN consider granting an extension of at least 7 additional days?

**Answer 11:**

Yes, NRCAN agrees to grant a 7 day extension. The closing date and time is now November 28, 2022 at 2:00 EST.

**Question 12:**

With respect to Section 4.2 (6) regarding delivery of the final database, what format is NRCAN expecting the database to be in?

**Answer 12:**

The final database will be delivered in the form of a geopackage.

**Question 13:**

What is the coordinate system used in the database?



**Answer 13:**

EPSG3978

**Question 14:**

With respect to section 4.2 (5) regarding lithology, could NRCan clarify the level of lithological detail expected in the database? Are we speaking of units, formations or larger lithological units?

**Answer 14:**

We are seeking standardized lithological, geochronological, mineralogical, lithostratigraphic, and lithodemic information.

**Question 15:**

During the correction process, if the bidder finds incongruities between similar lithologies between provincial boundaries, how do we determine which lithologies to use? Will this be dictated by NRCan or does the bidder make this call?

**Answer 15:**

NRCan will work with the bidder on the generalized geology. NRCan will also provide recommendations as a separate vector file.

**Question 16:**

One technical clarification is if the geological database only includes the polygon database; if not, please specify the additional information the bidder is expected to correct or modify?

**Answer 16:**

The source map data are polygons.

**Question 17:**

With respect to any corrections to maps, does the corrections include structural elements or other point data?

**Answer 17:**

Line and point data are not required for this work. The project is focused on polygon data.

**ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.**