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Mississauga  
Ontario  
L5B 2N5  
Bid Fax: (905) 615-2095**

**SOLICITATION AMENDMENT  
MODIFICATION DE L'INVITATION**

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

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

**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 Canada  
Ontario Region  
33 City Centre Drive  
Suite 480  
Mississauga  
Ontario  
L5B 2N5

<b>Title - Sujet</b> Cadastral Survey	
<b>Solicitation No. - N° de l'invitation</b> 23440-181318/A	<b>Amendment No. - N° modif.</b> 006
<b>Client Reference No. - N° de référence du client</b> 23440-181318	<b>Date</b> 2018-05-04
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$TOR-008-7522	
<b>File No. - N° de dossier</b> TOR-7-40158 (008)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-05-11</b>	<b>Time Zone Fuseau horaire Eastern Daylight Saving Time EDT</b>
<b>F.O.B. - F.A.B.</b>	
<b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Leslie, Sandra	<b>Buyer Id - Id de l'acheteur</b> tor008
<b>Telephone No. - N° de téléphone</b> (905) 615-2069 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:</b>	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur</b>	
<b>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)</b>	
<b>Signature</b>	<b>Date</b>

Solicitation Amendment 006 is being issued to respond to questions received on solicitation No. 23440-181318/A

**Question 1:** Is there any requirement, other than professional judgement, for the successful CLS proponent to be on site during the consultation & survey process?

**Response 1:** See Canada Lands Surveyors Regulations, SOR/99-142, Section 38.

**Question 2:** Since the easement parcels have been pre-defined (upper limit as "Elevation A" and lower limit of "Elevation B"), what would the 1931 & 1933 reports be utilized for?

**Response 2:** The 1931 and 1933 Reports are provided as supplemental research material and are not available in CLSR or ILRS.

**Question 3:** With respect to the IR boundaries, are any interior or boundary lakes required to be included in the proposed work?

**Response 3:** It is possible that some, or all, of a lake may be included in the Easement.

**Question 4:** Will NRCAN work with the successful proponent when choosing the locations of the required photo ID's and the 3 vertical control benchmarks?

**Response 4:** If required.

**Question 5:** Is it correct to assume that the vertical control benchmarks would be situated near areas where potential flooding is depicted on the confidential sketches?

**Response 5:** That might be wise.

**Question 6:** If there is no possibility of flooding along certain shorelines, based on the contour range specified and described in the confidential sketches, would it be correct to assume that there is no reason to perform any survey work or plan delineation in these areas? Please see The Dalles IR #38C along the NW part of the Reserve.

**Response 6:** Yes, it is possible that some areas may not require an easement.

**Question 7:** In order for any encroachments to be reported, one must survey/observe the boundaries of the IR as well as any other boundaries within the IR. As it is stated to report such encroachments, would this be a requirement of the RFP to survey all which will be affected by the flood easement? For example, if a lease boundary intersects the up-land flood easement, then it is assumed the Surveyor must observe and record all such features along the lease boundary. Does the Surveyor need to observe/record any encroachments along the flood easement boundary (up-land) as well?

**Response 7:** All encroachments are to be reported and "the surveyor will then be instructed on the treatment of this matter in the survey".

**Question 8:** With respect to monument types, the survey specific instructions state to refer to National Standards (CLS type posts) or use provincial monuments. The National Standards state to use the provincial monuments unless the survey specific instructions say otherwise. It is also stated in the survey specific instructions that NRCAN will supply customized rock posts. Just to clarify, if one does not possess an OLS/MLS commission, every monument required (i.e. custom rock posts) will be provided?

**Response 8:** The only monuments SGB will provide are the custom rock posts.

**Question 9:** What are the tolerances for the surveys, say, bathymetry & LiDAR surveys?

**Response 9:** See National Standards, Chapter 5 for natural boundary accuracy.

**Question 10:** Each of the IR directories provided contains a single SGB Survey Instruction (SI). An Elevation A and Elevation B are listed for each individual SI, presumably the upper and lower limits of the IR specific Flooding Easement. Is the Client indicating that the provision of these two specific elevations is all that is required to define the upper and lower limits of the Flooding Easement for these projects? Or is further research, investigation, mapping and field surveys required to define the specific upper and lower limits of the Flooding Easements for each IR?

**Response 10:** The upper contour is set by the authority controlling the water body levels, i.e. Lake of the Woods Control Board <http://lwcb.ca/beforeyoubuild/index.html>.

The lower limit is the natural (pre-flooded) low water elevation (water's edge or thalweg), determined by the best available evidence. If your question is, does Elevation A and Elevation B determine the upper and lower limits then the answer is yes. The specific upper and lower limits are set by the elevations, but that does not negate the need for diligence, for example, in areas where the lower contour limit cannot be met.

**Question 11:** These individual SI's appear to be generic. For example, many SI's have the same value for Elevation A and Elevation B, the presumed upper and lower limits of the IR specific Flooding Easement. However, the SI's also state "substituting the information below as appropriate". Please clarify what these conflicting statements mean.

**Response 11:** The question is not clear. There is no ambiguity in the draft Survey Instructions. The 'IR specific' draft Survey Instructions provide the information to be used when reading/interpreting the General Survey Instructions. There is only one value for the upper limit and one value for the lower limit per IR therefore there is no ambiguity.

**Question 12:** We normally receive much more detailed SI's from the SGB. Does this mean that the SGB will be providing more detailed IR specific SI's following the Proposal submission but before the award? If so, how is the proponent expected to develop a realistic proposal submission?

**Response 12:** The Survey Instructions provided contain sufficient detail to undertake this work. No more detailed IR specific SI's will follow the Proposal submission.

**Question 13:** Is Photogrammetric Base Mapping for each IR being supplied by the Client? If not, how does the Client expect the contractor to acquire the upper limit, the water's edge and other significant features? Is the Client expecting that each IR will be flown, compiled and mapped by photogrammetric methods, as a component of this project?

**Response 13:** Yes, 2011 imagery will be made available, along with the contour line extractions. There is also 2017 imagery available for some of the reserves.

**Question 14:** Are all of the IR's accessible by road?

**Response 14:** That is undetermined at this time.

**Question 15:** Please confirm the type of CLS plan deliverable. Is it a – "Registration Plan – Full Survey"?

**Response 15:** A Plan of Survey, to be approved under s.31 of the Canada Lands Surveys Act (as per the Instructions previously provided).

Solicitation No. - N° de l'invitation  
23440-181318/A  
Client Ref. No. - N° de réf. du client  
23440-181318

Amd. No. - N° de la modif.  
006  
File No. - N° du dossier  
TOR-7-40158

Buyer ID - Id de l'acheteur  
TOR008  
CCC No./N° CCC - FMS No./N° VME

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**Question 16:** For Area 3, Sabaskong Bay 35D – Where an isolation reserve parcel has a length of less than 2 km (in this instance it is less than 300 metres), does the upper easement contour limit have to be both ground truthed and monumented?

**Response 16:** The surveyor's signature on the plan indicates that all information depicted on that plan satisfies the requirements of s.38 of the regulation. In this instance, monumenting the intersections of the upper contour with the rectilinear boundaries would satisfy the monumentation requirements in the Survey Instructions.

**Question 17:** For Area 1, Rainy Lake IR 18C – For the location where the upper limit of the contour easement is formed by a closed sinuous polyline with a length of less than 500 metres is it to be monumented and ground truthed?

**Response 17:** In this instance, it is not necessary to monument or ground-truth every isolation parcel, so long as there are monuments located within 2 km. The surveyor's signature on the plan indicates that all information depicted on that plan satisfies the requirements of s.38 of the regulation.

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If your bid has already been submitted, you may wish to revise it. Revisions to your bid must be submitted in a sealed envelope with the contents clearly identified on the outside of the envelope. Any revisions to your bid must be received by the Bid Receiving Unit on or before the time and date stated on page 1 of this document. Any revisions to your bid received after the closing date and time will be considered late and will be returned unopened.

**ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME AND IN FULL EFFECT**