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**Parks Canada Agency
National Contracting Services
3, Passage du Chien-d'Or
Québec (Québec)
G1R 3Z8**

AMENDMENT #1

Tender To: Parks Canada Agency

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 therefore.

Soumission aux: l'Agence Parcs 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 et sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments - Commentaries

Vendor/Firm Name and Address
Raison sociale et adresse du fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

**Parks Canada Agency
3, Passage du Chien-d'Or
Québec (Québec)
G1R 3Z8**

Title-Sujet Engineering Inspection of Dams in Haliburton Sector		
Solicitation No. - No. de l'invitation 5P201-18-0179/A		Date: November 19th, 2018
GETS Reference No. - No de reference de SEAG PW-18-00846861		Client Ref. No. - No. de réf du client. N/A
Solicitation Closes:		
at - á 02:00 PM	on - le December 5th, 2018	Time Zone - Fuseau horaire EST - Eastern Standard Time
Address Inquiries to: - Adresser toute demande de renseignements à : Josée Gagnon - josee.gagnon3@canada.ca		
Telephone No. - No de téléphone (418) 648-2502		Fax No. - No de FAX: (418) 649-6971
Destination of Goods, Services, and Construction: Destinations des biens, services et construction: See Herein - Voir aux présentes		

TO BE COMPLETED BY THE BIDDER (type or print)
À ÊTRE COMPLÉTER PAR LE SOUMISSIONNAIRE (taper ou écrire en caractères d'imprimerie)

Vendor/Firm Name - Nom du fournisseur/de l'entrepreneur	
Address - Adresse	
Name of person authorized to sign on behalf of the Vendor/Firm Nom de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur	
Title - Titre	
Telephone No. - N° de téléphone: _____	
Facsimile No. - N° de télécopieur: _____	
Signature	Date

AMENDMENT #1

THE PURPOSE OF THIS AMENDMENT IS TO INCLUDE AN ACCEPTED SUBSTITUTION TO THE CONSULTANT TEAM IDENTIFICATION AND TO PROVIDE THE ANSWERS TO QUESTIONS ASKED BY POTENTIAL BIDDERS.

YOU MUST CONSIDER THE INFORMATION BELOW IN THE EVALUATION OF YOUR BID.

1. MANDATORY CRITERIA

Accepted Substitution to the Consultant Team Identification (Item 3.1.2 in the Request For Proposal)

The consultant team to be identified must include the following:

- a) Proponent (Prime Consultant)
 - Structural Engineer
 - **Civil Engineer**

- b) Key Sub-Consultants and/or Specialists
 - Senior Civil Engineer
 - Senior Structural Engineer

2. QUESTIONS AND ANSWERS:

Q1. What is Parks Canada's estimated budget to complete the work.

A1. [The estimated budget is not available.](#)

Q2. Can you confirm that the work for the above noted dam inspections in Haliburton Sector is to be complete by March 1, 2019? This would suggest that inspections will be done in January and reports will be written in February (approximately). Have you considered the issue with trying to conduct such inspections in northern Ontario winter conditions with respect to both safety and visibility of the structures? It is recommended that this work be scheduled after freshet.

A2. [The following sections of the Statement of Work have been revised in order to accommodate the issues faced with the winter conditions.](#)

[2.2.1 The consultant is required to conduct a visual inspection of all 39 dams at the locations listed in Appendix A, **starting September 15th, 2019**. It is not anticipated that any field testing or coring will be required as part of this inspection program. However, if the inspecting engineers discover issues that may need testing to further assess the deficiency they should present that to the Project Manager. In such a case, the engineers shall develop a short report identifying the issue, the type of testing required, why the issue requires further testing and how the testing will provide the relevant information. As part of this short report engineers shall provide a cost estimate for the required testing.](#)

[4.0 Schedule:](#)

[4.1 Project award and kick off meeting – Baseline](#)

[4.2 Review of existing documentation and Preliminary Work – Up to September 15th 2019](#)

[4.3 Site visits and Inspection – September 15th, 2019 to November 1st, 2019](#)

[4.4 Final Reports – November 1st, 2019 to February 1st, 2020](#)

[Project completion deadline is February 1st, 2020](#)

Q3. Section 2.1.1 (c) reads, "... The recommendations may be used to supplement or modify the project brief before the final submission of the consultant's proposal and fee proposal." However, it is our understanding that the proposal submitted in response to this RFP is not to be altered after the project is awarded. Would PCA please clarify what is meant by this statement?

A3. Correct, Section 2.1.1 (c) is intended to encourage consultants to submit concerns and recommendations regarding the project to the contracting officer prior to the bid submission deadline.

Q4. The schedule proposed in the RFP suggests that the site visits and investigations be completed within 8 weeks of the contract award. Given that the project is anticipated to be awarded some time in December or January, is it PCA's intention that the inspections be done during the winter? This doesn't seem feasible due to boat access requirements of some dams and snow / ice covering the structures in the study.

A4. Refer to Q2 for updated project schedule.

Q5. Will additional background information on the dams in this study be provided to the successful proponent, or is the information provided in the Solicitation Documents and Attachments all that will be available?

A5. Additional background information will be provided if deemed necessary by PCA upon request from the consultant.

Q6. Would PCA please expand on the requirements for the Dam Sketches / Visual Condition Survey?

A6. The Dam Sketches / Visual Condition Surveys are to include the surface condition of each visible dam component. These sketches will be used in conjunction with the site photographs to allow PCA to visualize and keep record of the noted deficiencies at each site.

Q7. To assist in the preparation of the Dam Sketches, will the AutoCAD files be provided for those dams which have had drawings prepared in that format? If so, how many of the sites will be provided with this?

A7. Drawings to complete the Dam Sketches have been provided in Appendix B. The majority of the inventory does not have corresponding AutoCAD files. Additional drawings and AutoCAD files may be provided if deemed necessary by PCA upon request from the consultant.

Q8. Can PCA please highlight which sites may have special access requirements? (i.e. access only by boat, etc.)

A8. The following sites have special access requirements:

Red Pine Lake Dam: Boat access only
Nunikani Lake Dam: Boat access only
Sherborne Lake Dam: Boat access only, locked gate access
Long Lake Dam: Locked gate access
Loon Lake Dam: Locked gate access
Jack Lake Dam: Boat access only

It is also worth noting that several dams require crossing privately owned land to access the dam:

Oblong Lake Dam
Redstone Lake East Dam

Redstone Lake West Dam
Drag Lake Dam
Long Lake Dam
Loon Lake Dam
Farquhar Lake Dam

Q9. Will inspection reports and safety assessments for each dam and location, previously completed as part of Parks Canada maintenance surveillance program be available for review as part of bidding?

A9. No previous inspection reports or safety assessments will be released during the bidding phase. Additional information may be provided after contract award, if deemed necessary by PCA upon request from the consultant.

Q10. Is visual inspection limited to portions of Dam above water?

A10. Yes.

Q11. Is visual inspection limited to portions of Dam accessible by foot?

A11. Not all dams are accessible by foot, some require special access requirements; refer to Q8. However, the consultant must complete a visual assessment of all 39 dams in their entirety.

Q12. Are there any specialized health and safety, environment, worker protection or other training requirements required for work on Canada Parks Assets?

A12. The consultant is responsible to ensure that all PPE must be worn onsite.

Q13. What are the anticipated award date and kickoff meeting date, e.g. Baseline start date of the Project?

A13. No dates can be provided at this time. The anticipated award date will be determined after the bid submission deadline and the evaluation of each proposal. The kickoff meeting will be scheduled after the project has been awarded.

Q14. Section 2.2.2 of the Statement of Work states that the inspections must be carried out by a P.Eng. or by a CET or EIT supervised by a P.Eng.

Given that CET is a designation given by the Ontario Association of Certified Engineering Technicians and Technologists (OACETT) in Ontario, we would like to know if this certification is required. Would a Construction Engineering Technician or C.Tech designation by the OACETT be acceptable assuming the individual has experience with the inspection of dams? Under all circumstances, the inspections would be carried out under the direct supervision of an experience Dam Safety Engineer. However, it would be preferable to have the inspections carried out by someone who is familiar with the TSW navigation canal and reservoir systems and who has specific knowledge of several of the dams to be inspected.

A14. Yes, a Construction Engineering Technician would be acceptable to complete the inspection assuming that person has necessary experience in dam inspection and is acting under the direct supervision of a Professional Engineer.

Q15. Will specific Parks Canada and inspection criteria required by Parks Canada Dam Safety Directives be made available for review as part of bidding?

A15. Yes. Parks Canada Dam Safety Directives will be provided upon award of contract. However the consultant is responsible for developing the inspection tools to satisfy the requirements of the industry standard and the Canadian Dam Association.

Q16. According to the RFP document, a Structural Engineer must be identified as part of the Prime Consultant team, and a Senior Structural Engineer as part of the Key Sub-consultants/Specialist team. We have Civil Engineers who have extensive experience (over 40 years of experience) in assessments and inspections of dams, including concrete dam design analysis. Would Parks Canada Agency accept if proponents identify a Civil Engineer (with such solid experience) instead of the required Structural Engineer(s)?

A16. Yes, a Certified Civil Engineer that has adequate experience with inspection and structural and crack assessments of dams would be acceptable. See item 1 of the amendment.

Q17. What specific items are required to be reviewed by a Civil Engineer? Do reviews of the dams include the embankments?

A17. The reviews must satisfy the Canadian Dam Association requirements, the Parks Canada's Dam Safety Directive for Engineering Inspections and all other applicable industry standards.

THE BID CLOSING DATE REMAINS WEDNESDAY THE 5TH OF DECEMBER 2018, 2PM (EST).

End of section.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

A signed copy of this amendment should accompany each tender. If your tender has already been submitted please sign and fax the amendment along with any revisions to tender price, to this office before the close of Tender to fax number (418) 649-6971.