



RETURN PROPOSAL TO:
RETOURNER LES PROPOSITIONS À:
**Parks Canada Agency
Banff Field Unit
PO Box 900
216 Hawk Avenue
Banff, AB, T1L 1K2**

AMENDMENT #3 TO:

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

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 therefor.

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 at aux annexes ci-jointes, les biens, services et construction énumérés ici et 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

**Parks Canada Agency
Banff National Park
PO Box 900
Banff, AB
T1L 1K2**

Title-Sujet JONHSON LAKE DEWATERING ASSÈCHEMENT DU LAC JOHNSON		
Solicitation No. - No. de l'invitation 5P421-18-0218		Date: September 15, 2017
GETS Reference No. - No de reference de SEAG PW-17-00791031		Client Ref. No. - No. de réf du client.
Solicitation Closes:		
at - à 02:00 PM	on - le 2017/09/26	Time Zone - Fuseau horaire Mountain Daylight Time (MDT) - Heure Avancée des Rocheuses (HAR)
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>		
Address Inquiries to: - Adresser toute demande de renseignements à : Annie Roy annie.roy@pc.gc.ca		
Telephone No. - No de téléphone 403-762-1459		Fax No. - No de FAX: 403-762-5057
Destination of Goods, Services, and Construction: Destinations des biens, services et construction: See Herein - Voir ici		

**DOIT ÊTRE COMPLÉTÉE PAR LE SOUMISSIONNAIRE
(taper ou écrire en caractère d'imprimerie)
TO BE COMPLETED BY THE BIDDER (type or print)**

Vendor/Firm Name	
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	
Titale - Titre	
Telephone No. - N° de telephone: _____	
Facsimile No. - N° de télécopieur: _____	
Adresse courriel - Email address : _____	
Signature	Date

AMENDMENT # 3

THE PURPOSE OF THIS AMENDMENT IS TO ANSWER QUESTIONS.

#1. QUESTIONS AND ANSWERS

Q 21.

Can you provide raw data for the bathymetric survey of the lake?

A 21.

The raw GIS elevation file for the bathymetry map is included in the “Zip” file already on the Buy and Sell webpage, under the “Attachment” section for this project.

Q 22.

Can you provide information on how solid the lake bed is and what depth of silt there is on the bottom if any?

A 22.

We sampled the lake to see how deep the soft silt is on the lake bed. We found there was a range of silt depths from 5 to 30cm. The average was 16cm.

Q 23.

Is there a preferred list of helicopter vendors?

A 23.

No, we do not have a preferred vendor.

Q 24.

Are there any additional environmental restrictions that are park specific that we should consider?

A 24.

The environmental restrictions are related to the mitigations in section 7 of the EA that has been added under ‘Attachment’ section of the Buy and Sell webpage for this project.

It is the contractor's responsibility to read the EA and address the relevant mitigations in an Environmental

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.

Fax: 1-877-558-2349

Protection Plan (due one week before the project starts). In summary, the goal of the mitigations would be to prevent impacts to the soil, vegetation and water. Some impacts may be necessary to complete the project and the goal would be to ensure those impacts are as small as possible and reversible. Large equipment (e.g. trucks, ATVs) will be restricted to existing trails, roads and staging areas. Foot traffic should be on existing or informal trails. If necessary, foot traffic can be off trail, but the contractor must flag the necessary routes so that trail braiding doesn't occur. The EA says that pump outlets must have a 90 degree end to prevent erosion. The contractor can use a different method to ensure erosion control (e.g. dissipater, deflection surface). As long as the mitigation meets the intent of the original measure (i.e. prevent erosion), alternate mitigation techniques can be considered. Managing wildlife attractants is a very important consideration. Crews will not be permitted to have food or any other attractants outside of locked containers (e.g. truck). If a bear gets a food reward and hangs around the work area, Parks Canada would be forced to shut down the project. This has been an issue with construction contractors in the past.

Finally, the contractor must follow invasive species decontamination protocols. Equipment must be clean and free of soil (potential for invasive plant seeds). Any equipment that has been in water within the last 30 days must be decontaminated using hot water or quaternary ammonia compounds.

This summary may not be exhaustive and it is the contractor's responsibility to read the EA attached to the Buy and Sell website.

Q 25.

What is the maximum allowable flow to be pumped out of the western outlet and the eastern outlet, (are there any restrictions)?

A 25.

The maximum amount of water that can be pumped out of the west end is the rate that is currently flowing out naturally (0.08m/s). The western outlet leads downstream to the Trans-Canada Highway and Parks Canada doesn't want to take on any risk of flooding this infrastructure. However, the eastern outlet leads to dry forest. Parks Canada has already had much of Johnson Lake drain out the eastern end during the 2013 flood (eastern dam was breached). We are comfortable that any amount of water can be pumped to this dry habitat without any risk of flooding the highway.

Q 26.

Can we setup at the western outlet and pump everything from there or do we have to pump out of the eastern outlet as well?

A 26.

See answer 25 above.

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Q 27.

What are the expected inflow rates?

A 27.

See PDF file: "Johnson Lk Water inflow map" already on the Buy and Sell webpage, under the "Attachment" section for this project.

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