



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

AMENDMENT #1 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 6, 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 # 1

THE PURPOSE OF THIS AMENDMENT IS TO, BOTH, AMEND THE REQUEST FOR PROPOSAL AND ANSWER SITE VISIT QUESTIONS.

#1. PDF and ZIP files added under “Attachment” section of the Buy and Sell webpage for this project

See PDF file: “EIA - Johnson Lk Fish Removal.pdf” for the Environmental Impact Analysis for Whirling Disease Eradication from Johnson Lake, Banff National Park.

See PDF file: “Johnson Lk Bathometric Map”.

See PDF file: “Johnson Lk Water inflow map”.

See ZIP file: “Digital Elevation and air photo files”.

#2. QUESTIONS AND ANSWERS

Q1.

What are the rates of water inflow into the wetland and lake?

A1.

See map attached. PDF file: “Johnson Lk Water inflow map”

Q2.

What is an Environmental Protection Plan (EPP)?

A2.

An EPP is a plan written by the contractor that outlines all the mitigations the contractor will follow to help mitigate potential environmental impacts caused by the project activities. The Environmental Assessment has all of these mitigations listed under Section 7 “Effects Analysis and Mitigation Measures” (see attached document). Many of these mitigations are related to Parks Canada activities and not the responsibility of the contractor. The mitigations specifically related to dewatering are summarised below using excerpts from the EA. However, Parks Canada environmental monitors will go over mitigations with contractors before starting work. An EPP will be due to Parks Canada 1 week before commencing work.

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

7.1.2 Landforms and Soil

- Trucks, ATVs, and large equipment will be restricted to using existing formal trails, access roads, and staging areas. No equipment access will be permitted in riparian, shoreline and wetland areas.
- Project personnel will use the existing maintained trail network surrounding Johnson Lake, the inflow channel and the upstream wetland.
- Where formal trails are not present (e.g., wetland shoreline), informal trails clearly marked with flagging will be used. Use of these trails will be monitored for impacts.
- Where no formal or informal trails are present (the north side of the upstream wetland), rocky areas will be used for access where possible. Access to the north and east side of the upstream wetland can be accessed by crossing the wetland in chest waders or floating across on a small boat. Low impact matting may also be used to access the centre of the wetland complex to avoid wading through deep flocculent substrate.
- The effects of the increased discharge out the eastern outlet will be mitigated by placing a 90° elbow at the end of the pumping hose to dissipate the water into the forest and eliminate the erosive power of a direct stream of water.

7.2.2 Vegetation

- All equipment must arrive on-site clean and free of soil or vegetative matter that could contain weed seeds.
- Equipment access will be kept to existing formal trails and roads, minimizing disturbance footprint and avoiding sensitive riparian, shoreline and wetland areas to minimizing damage and loss of native vegetation.
- By lengthening the outlet hose to the eastern outlet channel during dewatering, the wetland will be bypassed and water can be discharged directed into the rocky relic channel.
- Any staging that occurs directly on non-native plant infestations should be matted to ensure vectors (soil, seeds, and debris) do not get transmitted to other areas. Parks Canada will provide locations of nonnative plants.

7.7.2 Carnivores/Bears

- All crew members and contractors will be fully briefed on keeping all personal food and food waste securely stored and removed from site daily.
- All large carnivore observations (wolves, cougars and bears) will be reported immediately to Banff Dispatch via radio or phone (403 762-1470).

7.10.2 Aquatic Resources

- Whirling disease decontamination procedures will be applied to all equipment used throughout the course of this project from rubber boots through to excavators and pumps. All personnel will be fully briefed and frequently reminded of these procedures throughout the course of the project.
- Each contractor will be required to prepare an Environmental Protection Plan (EPP) that includes an Erosion and Sediment Control Plan (ESC) for their portion of the work, to be submitted to the Environmental Assessment Office for review a minimum of one week in advance of commencing work.

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- The intake of the pumps will be fitted with an appropriate sized screen based on direction from the Department of Fisheries and Oceans Freshwater Intake End-of-Pipe Fish Screen Guideline manual (1995).

7.11.2 Cultural Resources

- There may be cultural resources present in the project area that have not yet been discovered (even after an archaeological assessment has been carried out or no assessment was deemed necessary for the project). If staff observe any significant cultural resources while working, they should stop work in the immediate area, and contact the Department Representative, ESO or a Parks Canada archaeologist or cultural resource advisor, to discuss any protective measures that might be needed. Significant resources that could be considered grounds for work stoppage include, but are not limited to, human remains, unique or diagnostic artifacts, and/or artifacts directly associated with known sites and/or unidentified sites in the area. In all cases, cultural managers must be made aware of the finds, and these finds must be communicated back to Parks Canada Archaeologists.

Q3.

Can new trails be cut?

A3.

No, the EA states that we will use existing trails.

Q4.

Is the contractor responsible for the restoration of vegetation following the project?

A4.

No, Parks Canada will manage any vegetation that is damaged incidentally following the project.

Q5.

Are there any digital elevation models or aerial photography for Johnson Lake and surrounding area that can be provided to the contractor?

A5.

Parks Canada does have a coarse scale digital elevation model (~20m resolution) as well as aerial photography (30cm). Files for both are attached.

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Q6.

What kind of vehicles can access the east end of Johnson Lake?

A6.

The power line along the west end of the lake can be used to access the back of the lake. The limiting factor is the width of the last part of the trail – the trail is definitely wide enough for trucks, ATVs, and small trailers, but not large trailers or flatbed trucks. In order to use this access route, a bridge must be constructed or brought in and placed at the west end stream outlet. The contractor is responsible for bringing or constructing the bridge.

Medium-lift helicopters have been used to move equipment in Banff National Park. This is an option for larger equipment. However, the contractor is responsible for helicopter costs. Helicopters will not be provided by Parks Canada.

Q7. Will Johnson Lake be open during the time of dewatering?

A7. No. Johnson Lake will be closed from September 5th onwards. There will be no members of the public in the vicinity of Johnson Lake.

Q8. Can machines travel on the lake once the lake has been emptied?

A8. Yes, machines can travel on the lake when it is dewatered. However, the lake bottom will be very soft, so rig mats would be necessary.

Q9. Can we visit the site?

A9.

Yes, but only until Monday September 4th, 2017. An area closure will be in effect after that date for Johnson Lake.

Q10.

Does the water need to meet a specific criteria prior to being discharged into the new designated location? Sometimes you are only allowed so much turbidity, etc.

A10.

Any water being discharged onto land (e.g. east end of Johnson Lake) does not have to meet any turbidity standards. However, any water flowing out the western outflow stream would have to meet turbidity standards (e.g. CCME). Parks Canada would look after any turbidity monitoring, but the contractor would have to come up with the correct plan that minimises turbidity over the duration of the project and meet CCME standards.

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Q11.

Will all required permits be obtained by Parks Canada or will it be the contractor's duty to do this?

A11.

Parks Canada has already completed an Environmental Impact Assessment and has a DFO authorisation for eradicating fish. The only other permits required would be internal Parks Canada permits such as a Restricted Activity Permit to be in the Johnson Lake closed area. Parks Canada will provide that to the contractor.

Q12.

Is there specifications around the equipment that can be used? For example, on another project we could not use diesel power.

A12.

The type of power is not important as long as the contractor provides spill containment and follows the mitigations set forth in the EA. For example, existing trails must be used. Overall, the intention is to prevent any environmental impacts including contaminating soil or water. However, we don't see diesel as being more risky than gas.