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**Parks Canada Agency  
Jasper National Park  
Box 10  
Jasper, Alberta  
T0E 1E0**

**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 revise; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

**Comments - Commentaries**

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

**Issuing Office - Bureau de distribution**

Parks Canada Agency  
Jasper National Park  
Box 10  
Jasper, AB  
T0E 1E0

<b>Title-Sujet</b> Design Services & Construction Supervision for Fire Services de conception et de supervision de travaux – remplacement du cinquième pont <b>Jasper National Park, Parc national Jasper</b>		<b>Date</b> <b>Sept. 10, 2013</b>
<b>Solicitation No. - No. de l'invitation</b> 5P423-14-6467	<b>Amendment No. – No modif.</b> 003	
<b>GETS Reference No. – No de reference de SEAG</b> PW-13-00361277		
<b>Solicitation Closes L'invitation prend fin –</b>  at – à    02:00 PM on – le   2013-09-23	<b>Time Zone Fuseau horaire -</b>  <b>Mountain Daylight Time (MDT)</b>	
<b>F.O.B. - F.A.B.</b>		
<b>Address Inquiries to: - Adresser toute demande de renseignements à :</b>  <b>Margot Simpson</b>		
<b>Telephone No. - No de téléphone</b>  780-852-6255	<b>Fax No. – No de FAX:</b>  n/a	
<b>Destination of Goods, Services, and Construction: Destinations des biens, services et construction:</b>  <b>Jasper National Park, Whistler Campground</b>		
<b>Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur</b>		
<b>Name and title of person authorized to sign on behalf of the Vendor/Firm Nom et titre de la personne autorisée a signer au nom du fournisseur/ de l'entrepreneur</b>		
<b>Signature</b>		<b>Date</b>

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**This solicitation amendment number three (003) is issued to answer questions received during the solicitation process and optional site visit, and to add the Environmental Impact Analysis Draft Report:**

**Q & A's for Fifth Bridge Consulting and Construction Supervision  
Solicitation #5P423-13-6467**

Q1. The Amendment issued August 29<sup>th</sup> was numbered 002 but we are unable to locate Amendment

001. The two documents issued on the 29<sup>th</sup> were DOC and PDF versions of the same document. Can you please clarify the location of Amendment 001?

A1: The website seems to generate the amendment numbers, not Parks Canada. All documents are posted. The reason there were two versions of the same document is because some bidders were unable to open the "DOC" version. That one has now been deleted. There were a few other small corrections in the PDF version so please ensure you use this one.

Q2. The required milestone schedule provided on Page 32 of 38 indicates that Site Survey and Geotechnical Investigation are to be complete by October 7<sup>th</sup>, 2013. Given the proposal submission date of September 23<sup>rd</sup>, this only allows 2 weeks for review of proposals, award of the contract, completion of field investigation and preparation of the geotechnical report, which is insufficient time. Can the October 7<sup>th</sup> date be eliminated?

A2: Replace October 7 with October 15, 2013. October 15, 2013 will be Consultant's start-up date for site survey and geotechnical site investigation. Site survey and geotechnical investigation reports are to be submitted along with the Preliminary Design Report.

Q3. The requirement for boreholes to be drilled at both banks of the river appears to require a drill rig to access the north bank by fording the river. The schedule appears to require that this activity be completed within the DFO Restricted Activity Period for the river. Has this issue discussed with and approved by DFO? Alternatively, is there a way for a drill rig to access the north bank without having to ford the river?

A3: In stream work is restricted to window (refer RFP 9.1.2 Page 36 of 38), however fording of vehicles and equipment for geotechnical work is permitted that involves a one time event (over and back), following DFO procedures (see web link below).

<http://www.dfo-mpo.gc.ca/regions/central/habitat/os-eo/provinces-territoires-territoires/ab/os-eo23-eng.htm>

Parks Canada has obtained DFO's opinion for one time stream crossing for the geotechnical work. Consultant has to follow DFO's Operational Statement (refer to above web link) and Parks

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Canada Environmental Impact Analysis Report (attached).

Q4. Page 29 of 38 refers to a hydrotechnical report produced by Matrix Solutions Inc. dated 2009. The report attached in Annex A of the RFP is dated 2013. Is there another report available or should “2009” in the RFP read “2013”?

A4: Matrix Solutions Inc. “2009” in RFP should read “2013”.

Q5. With respect to the hydrotechnical assessment, can you confirm that the intent of the RFP is for the successful proponent to base their river bank protection design on the reports provided – that proponents are not expected to complete their own independent hydrotechnical assessment?

A5: Regarding the hydrotechnical assessment, the intent of the RFP is for the Consultant to base their river bank protection design on the Hydrotechnical Assessment Report, Matrix Solution Inc. 2013.

Q6. Further to Item 1 above, the geotechnical report from the original design of the previous bridge would be useful in refining the geotechnical investigation requirements; is such a report available?

A6: The previous bridge was built in 1964. The geotechnical report of the previous bridge is not available.

Q7. Section 9.1.1 of the Required Services/Project Brief states that Parks Canada will prepare an Environmental Impact Analysis (EIA) report for the bridge construction work. Please clarify whether Parks Canada is also responsible for obtaining the related approvals.

A7: As per the tender documents, the Consultant will be responsible for the Parks Canada business license, vehicle permits and special activity permit (page 26 of 38). EA assessments will be completed by Parks Canada with the Consultant's inputs and will be coordinated with Consultant's design, specifications and construction drawings (page 36 of 38).

Parks Canada will be responsible for getting approval from DFO, if required, for the work being carried out for this project.

Q8. Please clarify who is responsible for providing Environmental Monitoring during construction.

A8: Parks Canada will be responsible for providing Environmental Surveillance during construction.

### **Q & A from Optional Site Visit Meeting September 9, 2013**

Q1: Could some sample pictures of the trail from Sixth Bridge to Fifth Bridge and a view of the ford crossing location during October/November be posted in the next Amendment?

A1: Following are some sample pictures of the ford crossing site and the trail from Sixth Bridge to Fifth Bridge. Consultants will be responsible to make their own evaluation about accessibility of machinery to the north side (right bank) of the river for geotechnical work.



Ford Crossing location: October 14, 2012



Ford Crossing location: November 15, 2012



Ford Crossing location: November 20, 2012



Trail from Sixth Bridge to Fifth Bridge, September 4, 2013



Trail from Sixth Bridge to Fifth Bridge, September 4, 2013



Trail from Sixth Bridge to Fifth Bridge, September 4, 2013



Sixth Bridge load restriction

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**Jasper National Park Environmental Impact Analysis**  
**Project-Specific Mitigations**  
J13-076 - Parks Canada -5th Bridge Geotechnical Investigation  
September 4, 2013

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**1. Project Description**

During the summer of 2012, high water on the Maligne River caused erosion of the 5<sup>th</sup> Bridge abutments. As there is substantial scour underneath the right bank foundation, it has moved/tilted slightly towards upstream as well as toward the river along the bridge axis. For public safety reason, Parks Canada closed the bridge in July 2012 and installed a temporary pedestrian bridge over the Maligne River, which was removed in spring 2013.

In the context of reconstructing the bridge, a geotechnical investigation in the two banks is required. The geotechnical information is necessary to support design associated with the construction of the bridge. However, in order to complete this geotechnical work, the machinery -drilling equipment- will need to cross the Maligne River to access the other side as an existing crossing is not available to use.

All conditions under which DFO's temporary stream crossing operational statement applies will be met except the fact that the proposed crossing site is about 35 m wide (see figure 1 below). The crossing site is not know as fish spawning site and the one-time crossing (over and back) will take place in low flow period between October 15 and November 15, 2013.



Figure 1: Proposed crossing site in the Maligne River

**2. TEMPORARY ENVIRONMENTAL EFFECTS:**

- short-term displacement of wildlife;
- short term visual and noise disturbance during the crossing,
- temporary reduction of air quality from dust and noise,
- loss of individual plants and herbaceous mats,
- low risk of soil, surface and/or groundwater contamination from fuel spills,

**3. Relevant Best Management Practices:**

This project is assessed through the Best Management Practices (BMPs) pathway according to *Parks Canada Interim Directive on Implementation of the Canadian Environmental Assessment Act 2012* and the *Guide to the Parks Canada Environmental Impact Analysis Process under CEAA 2012*. Thus, all applicable activities of this project will comply with applicable best practices outlined in:

- Parks Canada's General Guidelines for Geotechnical investigations (August, 2011)
- DFO's Temporary Stream Crossing Operational Statement

**4. Project-Specific Mitigations:**

1. Please contact Jasper National Park's Environmental Surveillance Officer (ESO) (780.852. 852-0794) as soon as possible prior to commencement of investigation work. The ESO may schedule a start up meeting and will issue Special Activity Permits if applicable.
2. The project proponent or contractor is responsible for site security and public safety at all times.
3. Geotechnical investigation activities will be confined to already disturbed areas.
4. All measures to protect fish and fish habitat outlined in DFO's temporary stream crossing operational statement will be followed where applicable.
5. The one-time crossing (over and back) will take place in low flow period between October 15 and November 15, 2013.
6. The machinery will be operated in a manner that minimizes disturbance to the banks or bed of the water body.
7. Existing trails and roads will be used to avoid disturbance to the riparian vegetation.
8. Cutting trees is not permitted, unless authorized by a valid tree permit from Parks Canada.
9. Areas where potential exists to disturb wildlife and wildlife habitat will be avoided as well as activities that attract or harass wildlife.
10. Any additional temporary workspaces (if any) will be approved by the ESO and clearly marked with flagging to prevent trespass violations.

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11. Excavations (if any) are expected to be completed and backfilled the same day. Any excavation left unattended will be clearly marked or fenced to reduce the potential for human or wildlife injury.
  12. Where feasible, topsoil will be stripped and stockpiled separately to be used for restoration.
  13. If work is to be carried by an outside Contractor or Sub-contractor, they must have a valid Parks Canada business license.
  14. All equipment will clean of mud and vegetative debris prior to use on this project.
  15. A spill kit -capable of handling 110% of the total fuels on-site- will be available at worksite and all staff trained in its use. Parks Canada dispatch (780-852-6155) or ESO (780-852-0794) will be notified immediately of any fuel spills or leaks.
  16. All vehicle re-fuelling will take place at licensed facilities (gas station) or on hardened surfaces (roadways or parking lots).
  17. Noise and air pollution from equipment on-site will be kept to a minimum by shutting off equipment when not in use.
  18. All workers must have the required protective equipment for the job and be trained in accordance with the provisions included in the *Alberta Occupational Health and Safety Act* and *Worker's Compensation Board*.
  19. All garbage must be stored and handled in compliance with the *National Park Garbage Regulations*. Burning or burial of waste is not permitted.
  20. Should cultural resource materials be uncovered, work will stop immediately at that location. Jasper National Park's cultural resource specialist (780-852-6164), the ESO (852-0794) and/or Parks Canada Dispatch (780-852-6155) will be notified immediately.
  21. All work activities will occur between 0700 and 1900, Monday through Friday.
  22. The ESO may require other mitigations in response to any unforeseen environmental impacts.
  23. Implementation of the above mitigation measures is the responsibility of the project proponent/contractor.

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**Permit(s) Required/Action:**

Please request the following Special Activity Permits from the Parks Canada ESO, Jurgen Deagle (780-852-6224 or 780-852-0794):

- remove, deface, damage, or destroy flora or natural objects,
- off-road vehicle use

Please obtain Parks Canada Business licences for contractors and sub-contractors from:

- Kelly Deagle, A/Business Liaison Officer (780-852-6151)

**Proponent:**

_____	
(print name and position)	
_____	Date: _____
Signature	

- Yes, the project is likely to cause significant adverse environmental effects.
- No, the project is not likely to cause significant adverse environmental effects.

**Environmental Impact Analysis approved:**

_____	
Environmental Assessment Specialist (print name)	
_____	Date: _____
Signature	

**All other Terms and Conditions remain unchanged**