



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

**Parks Canada Agency**  
**1300 - 635 8 Ave SW**  
**Calgary, AB T2P3M3**  
**Bid Fax: (866) 246-6893**

**AMENDMENT / MODIFICATION**

**002**

**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 - Commentaries

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

Issuing Office - Bureau de distribution

**Parks Canada Agency**  
**Suite 1300**  
**635 - 8 Ave SW**  
**Calgary, AB T2P3M3**

<b>Title-Sujet</b> TCH Beaver Valley Ponding Phase 2, Mounds Avalanche Berm, Beaver Hill Rock Scaling - Glacier National Park		
<b>Solicitation No. - No. de l'invitation</b> 5P420-18-0064/A		<b>Date:</b> June 1, 2018
<b>GETS Reference No. - No de reference de SEAG</b> PW-18-00826707		<b>Amendment No. - N° de la modif.</b> 002
<b>Solicitation Closes:</b>		
<b>at - à</b> 02:00 PM	<b>on - le</b> June 5, 2018	<b>Time Zone - Fuseau horaire</b> MDT - HAR
<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 Inquiries to: - Adresser toute demande de renseignements à :</b>		
Jen Maheu		
<b>Telephone No. - No de téléphone</b>		<b>Fax No. - No de FAX:</b>
(403) 292-8502		(866) 246-6893
<b>Destination of Goods, Services, and Construction:</b> <b>Destinations des biens, services et construction:</b>		
See Herein - Voir ici		

**TO BE COMPLETED BY THE BIDDER (type or print)**

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

## Amendment 02

This amendment is being raised to distribute the answers to bidder questions and make changes to the tender package.

### A) QUESTIONS

**Q1** Regarding the above mentioned tender, we are requesting if the cross sections for excavation and embankment areas can be available to the bidders. Although there is a defined excavation to embankment volume, it is unclear based on the supplied drawings how much material is available to use at each excavation location, and whether there will be either a shortfall or a surplus of material. This information is critical to calculate the material movements, and the costs accurately. It will be appreciated if the cross-sections can be made available to validate these volumes, for both the excavation and embankment locations.

**A1** Refer to Section 31 24 13 2.1 Materials and the provided cross sections.

**Q2** With regards to Section 1.3 ("Measurement and Payment Procedures"), Item 1.3.(1) indicates "*Scaling will be measured as the hours spent by each individual scaler actively working on the slope, beginning at the top of rope decent to the scaling area, and ending at the time the scaler reaches the bottom of that particular rope decent, including standby for passing traffic*". Is the allocated 690hrs include the hours for the scaling supervisor on the ground or is the 690hrs only for those scalers that are on the slope?

**A2** The payment item is for rock scalers actively rock scaling and the quantity does not include hours for a scaling supervisor.

**Q3** The contract documents state that fill material for the fill areas is to be obtained from the East Gate Landslide and from the roadside cuts between sta 4+490 and sta 5+905, is there a detail that shows the amounts available at each cut-borrow site?

**A3** Refer to Section 31 24 13 2.1 Materials and the provided cross sections.

**Q4** With regards to Section 32 32 34 Paragraph 1.3.1.2, it is unusual for the supplier of proprietary structures and the contractor to be responsible for the global stability of the structure. This would require a completely new level of geotechnical engineering which should be covered off by PCA's geotechnical engineer. Further, the slopes are to have a design life of 75 years. We don't have information on how much damage the slopes may sustain if/when impacted and whether they are to be designed for repeated impacts. Generally, the supplier and contractor only carry out internal design of the slopes and provide shop drawings to the Owner for review. This would be more practical and cost effective than having another consultant repeat the work Golder has already completed.

**A4** The contractor shall be responsible for stability of the reinforced slope in accordance with Section 32 32 34 and shall utilize the provided geotechnical information for their calculations. The 75-year service life design is specific to the reinforced slope and the materials used.

**Q5** With regards to Roadway and Drainage Excavation and specifically the East Gate Landslide Borrow, is it the intent that the berm and containment area excavation and shaping be completed as shown on Drawing 303? Measurement for payment of Roadway and Drainage Excavation is in embankment volume per 31 24 13 - 1.3.2.1 & 1.3.2.2. If all embankment needs are met and there is still borrow excavation and shaping remaining, the contractor required to complete the excavation and, if so, how is that paid? From the cross-sections on Drawing 303, it appears as if approximately 30,000 m<sup>3</sup> would still remain to be excavated once the borrow needs were fulfilled.

**A5** The design presented on the drawings represents the ideal condition of the berm and containment area for the fall 2018 seasonal shutdown and at completion of the project. To complete the Ponding site

embankment and the Mounds berm the Contractor will use the material from the EGLS and in doing so will progressively work toward re-establishing the diversion catchments in accordance with the design drawings provided. No separate measurement for payment will be made for separating and stockpiling unsuitable material, boulders and woody debris from borrow locations, in accordance with Section 31 24 13. Removal of excess material from the channel beyond those required for the Beaver Valley Ponding site (Phase 2) and the Mounds berm would be classified as Extra Work.

## **B) TENDER PACKAGE CHANGES**

### **1. Specifications**

**Delete:** *566-05 Ponding 2 Specs 201800426 IFT.pdf (in DSP2\_18-0064.zip)*

**Replace with:** *566-05 Ponding 2 Scaling Mounds Specifications 201800525 IFT Rev 2.pdf (in DSP3\_18-0064.zip)*

Changes are highlighted in green within the document.

### **2. Reference documents:**

**Add:** *19. 20180522 IFT XSections Ponding.pdf (in DSP3\_18-0064.zip)*

**Add:** *20. 20180523 IFT XSections Mounds.pdf (in DSP3\_18-0064.zip)*

**All other terms and conditions remain unchanged.**