



# TENDER AMENDMENT

**RETURN BIDS TO:**

Parks Canada Agency  
635 – 8 Avenue S.W., Suite 1300  
Calgary, AB T2P 3M3  
Bid Fax: (403) 292-4475

The referenced document is hereby amended: unless otherwise indicated, all other terms and conditions of the contract remain the same.

**Issuing Office:**

Parks Canada Agency  
635 – 8 Avenue S.W., Suite 1300  
Calgary, AB T2P 3M3

# MODIFICATION D'APPEL D'OFFRES

**RETOURNER LES SOUMISSIONS À :**

Agence Parcs Canada  
635 – 8 Avenue S.O., pièce 1300,  
Calgary, AB T2P 3M3  
N° de télécopieur pour soumissions : (403) 292-4475

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

**Bureau de distribution :**

Agence Parcs Canada  
635 – 8 Avenue S.O., pièce 1300  
Calgary (AB) T2P 3M3

<b>Title:</b> Belly River Group Camp Crossing Culvert Replacement, Waterton Lakes National Park		
<b>Solicitation No.: / N° de l'invitation :</b> 5P420-16-5137/A	<b>Amendment No.: / N° de modification de l'invitation :</b> 001	<b>Date:</b> July 29, 2016  <b>Date :</b> 29 juillet 2016
<b>GETS Reference No.: / N° de référence de SEAG :</b> PW-16-00740113		
<b>Solicitation Closes: / L'invitation prend fin :</b>		
<b>At:</b> 02:00 PM	<b>On:</b> August 4, 2016	<b>Time Zone:</b> Mountain Daylight Time (MDT)
<b>À :</b> 14h00	<b>Le :</b> 4 août 2016	<b>Fuseau horaire :</b> Heure avancée des Rocheuses (HAR)
<b>Address Inquiries to: / Adresser toute demande de renseignements à :</b> Nicole Levesque-Welch		
<b>Telephone No.: / N° de téléphone :</b> (403) 292-4691	<b>Fax No.: / N° de télécopieur :</b> (403) 292-4475	<b>Email Address: / Courriel :</b> <a href="mailto:nicole.levesque-welch@pc.gc.ca">nicole.levesque-welch@pc.gc.ca</a>
<b>TO BE COMPLETED BY THE BIDDER (type or print)</b>		
<b>Vendor/Firm Name – Nom du fournisseur/de l'entrepreneur</b>		
<b>Address - Adresse</b>		
<b>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</b>		
<b>Title - Titre</b>		
<b>Signature</b>		<b>Date</b>



**AMENDMENT 001**

This amendment is being raised to post the attendance sheet and the minutes taken during the optional site visit that occurred on July 21, 2016 for solicitation 5P420-16-5137/A.

**A. OPTIONAL SITE VISIT MINUTES:**

Location: Operations Building, Res Con Boardroom, Waterton Lakes National Park

Date: July 21th, 2016. 10:00am.

Attendees: Chris Mariotti – PCA, Sacha Osolo – PCA, Veronique Proulx – PCA, Erin Rowlands – PCA,

Item	Description	Action
1.0	-PCA made introduction to parks staff and stated agenda for meeting (PCA expectations, important dates, environmental, site visit) -Tetra Tech, consultant. -Follow up with a site visit after meeting	Information
1.1	Important Dates: -August 4, 2016 tender close -August 16 <sup>th</sup> , 2016 tentative award. -September 12 <sup>th</sup> ,2016 Construction start -October 7 <sup>th</sup> , 2016 Project Completion  Environmental: -All the equipment will need to pass the inspection before going on site. Environmental Team invite consultants and contractors to read the rules regarding the environment.  Submittals prior to construction start: - Project Schedule - Health and Safety Plan - Preconstruction survey - Environmental Protection plan - Culvert Installation/Work Plan -Parks must have adequate time to review and provide feedback on these submittals prior to work beginning (2 weeks).	Information
1.2	Site Visit: - Reviewed project site with bidders - All questions asked were recorded (refer to question page) and answers will be placed on buy and sell - Finished site visit/meeting at approximately 11:30am.	



## B. QUESTIONS AND ANSWERS

Q1. What is the required thickness of asphalt? What is the required asphalt mix type? Please specify the mix type specified from the Lethbridge St'd referenced.

A1. The asphalt mix type shall be "Mix Type III" as specified in Clause 2.1.1, Section 32 12 16 – Asphalt Concrete Pavement of the Contract Specifications.

Q2. Can Tetra Tech be utilized for QC testing?

A2. No, Tetra Tech cannot be engaged by a Contractor for QC testing on this project.

Q3. Is there reinforcement required in the cast in place concrete wear blocks on either side of the culvert?

A3. Yes, reinforcing steel is required. See changes to the specifications in this Amendment for details.

Q4. Does the 50kg riprap have to be angular or would you accept field stone? Is it similar to a class 1 or 2 spec (Alberta Transportation)?

A4. Yes, the 50Kg riprap shall be angular, see changes the specifications in this Amendment for details. The riprap requirements for this project appear similar but are not identical to Alberta Transportation riprap Class 1 or 2 specifications. The requirements for riprap in the contract specifications Section 31 23 33 – Excavation, Trenching, Backfilling, and Compaction shall govern over Alberta Transportation or other specifications for this project.

Q5. Where can trees be disposed?

A5. Trees/limbs over 50 mm in diameter to be cut into 3 meter length and brought to the PCA's maintenance yard. All smaller items can be brought to the burn pit in PCA's maintenance yard or disposed of offsite, outside the park.

Q6. Can the contractor camp in Belly River Campground during construction?

A6. No.

Q7. Will PCA provide bear proof bins?

A7. Refer to contract specifications section 01 35 43 - 1.18 Waste Materials Storage and Removal.

Q8. Will PCA provide lift rigging to lift the concrete box culvert and the lid sections in place? If not, should the contractor supply PCA with the certified lift rigging upon project completion?

A8. No, PCA will not be providing lift rigging for the project. The contractor is not required to provide the lift rigging to PCA upon completion of the project.

Q9. Are there designated lay down areas for material/equipment?

A9. All required lay down areas must be kept within pre-disturbed gravel areas within campground. No additional areas outside of the pre-disturbed gravel areas will be permitted.

Q10. Can work proceed in the stream if water is present? Are bull trout spawning during the construction period?

A10. Refer to the contract specifications Section 01 11 10 - 2.2 Work Completion and Mitigation Package - Timing Windows.



## C. CHANGES TO THE SPECIFICATIONS

### 1. Section 03 30 00 – Cast-in-place Concrete

#### Insert:

#### 2.3 Reinforcing Steel

- .1 Reinforcing steel: billet steel, 400 MPa deformed bars to CSA G30.18-09 (R2014) unless indicated otherwise.

#### Delete:

#### 3.2 Formwork

- .1 Install formwork to ensure areas of cast-in-place concrete visible upon completion of the work have a straight and uniform finish (+/- 20 mm).
- .2 Install formwork to ensure 10 mm – 15 mm gap remains once Concrete Box Culvert removable lids are installed.
- .3 Ensure minimize dimensions for cast-in-place concrete are achieved. Utilize common fill and granular base for remaining formwork as needed.

#### Insert:

#### 3.2 Formwork and Reinforcing Steel Installation

- .1 Install formwork to ensure areas of cast-in-place concrete visible upon completion of the work have a straight and uniform finish (+/- 20 mm).
- .2 Install formwork to ensure 10 mm – 15 mm gap remains once Concrete Box Culvert removable lids are installed.
- .3 Ensure minimize dimensions for cast-in-place concrete are achieved. Utilize common fill and granular base for remaining formwork as needed.
- .4 Install reinforcing steel in accordance with CSA A32.1-09/A23.2-09 (R2014) and the following:
  - .1 Install two 15M steel reinforcing steel bars in each cast in place concrete wear block (each side of culvert) for the length of the wear block. Center the steel reinforcing bars from the edges of the wear block with one 15M bar located 75 mm from the bottom of the wear block, and one 15M bar 75 mm from the top of the wear block.
  - .2 Maintain 75 mm clear concrete cover to the steel reinforcing.
  - .3 Secure bars to formwork or use other purpose build supports, spacers, and chairs to ensure steel reinforcement maintains design location during concrete pour.

### 2. Section 31 23 33 – Excavation, Trenching, Backfilling, and Compaction

#### Delete:

- 2.1.1.1 Stone consisting of hard durable particles free from clay lumps, frozen material and other deleterious materials, and free from splits, seams or defects likely to impair its soundness during handling or under action of water.

#### Insert:

- 2.1.1.1 Angular quarried stone consisting of hard durable particles free from clay lumps, frozen material and other deleterious materials, and free from splits, seams or defects likely to impair its soundness during handling or under action of water.



3. Section 32 12 16 – Asphalt Concrete Pavement

**Delete:**

- 1.4.1 The Contractor shall submit in writing to the Departmental Representative for review and approval the Mix Design a minimum of five (5) days prior to commencing Asphalt Concrete Pavement. Upon approval by the Departmental Representative, the Mix Design will become the Job Mix Formula for the Project.

**Insert:**

- 1.4.1 The Contractor shall submit in writing to the Departmental Representative for review and approval the Mix Design a minimum of five (5) days prior to commencing Asphalt Concrete Pavement. Upon approval by the Departmental Representative, the Mix Design will become the Job Mix Formula for the Project. The mix design shall be prepared and include all information required in accordance with City of Lethbridge Infrastructure Services Section 05140 – Section 2.2 Mix design for Mix Type III.

*All other terms and conditions remain the same.*