



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

Title: Numa Bridge Replacement – Kootenay National Park		
Solicitation No. / N° de l'invitation : 5P420-17-5438/A	Amendment No. / N° de modification de l'invitation : 002	Date: February 22, 2018 Date : 22 février 2018
GETS Reference No. / N° de référence de SEAG : PW-18-00812968		
Solicitation Closes / L'invitation prend fin :		
At: 02:00 PM	On: March 6, 2018	Time Zone: Mountain Standard Time (MST)
À : 14h00	Le : 06 mars 2018	Fuseau horaire : Heure Normale des Montagne (HNM)
Address Inquiries to / Adresser toute demande de renseignements à : Danny Ahn		
Telephone No. / N° de téléphone : (403) 292-5451	Fax No. / N° de télécopieur : 1-866-246-6893	Email Address / Courriel : Danny.ahn@pc.gc.ca
TO BE COMPLETED BY THE BIDDER (type or print) À ÊTRE COMPLÉTER PAR LE SOUMISSIONNAIRE (taper ou écrire en caractères d'imprimerie)		
Vendor/Firm Name – Nom du fournisseur/de l'entrepreneur		
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		
Title - Titre		
Signature		Date

Amendment 02

This amendment is being raised to publish Q&A, extend the bid closing date, and revise the tender package.

A) BID CLOSING DATE

The closing date for tender 5P420-17-5438/A is extended from February 27, 2018 until **March 6, 2018 at 2:00PM Mountain Standard Time (MST)**.

B) Questions & Answers

- Q1. In reviewing section 01 11 00, it states that work is to commence no later than December 1, 2017. As this date has already passed, our team requests an extension to the March 31 milestone date for fabrication, this date is not attainable. Furthermore, we would like to request an extension to the Substantial completion date of June 15, 2018.
- R1. The completion date of June 15, 2018 will remain unchanged.
- Q2. Tree removal- to facilitate bridge installation, and crane access some trees and shrubs require removal. How much tree removal is permitted?
- R2. Intent is that installation shall aim to remove as few trees as possible.
- Q3. Traffic Control- will Parks be supplying and installing signs along Hwy 93 indicating the Numa Falls turn off is closed? No mention of message boards, are these required?
- R3. PCA will provide closure notices on current Hwy signage. Traffic management plan and signage shall address all other requirements.
- Q4. Prefabricated Rest Room: Any architectural requirements? Colours?
- R4. Bid restroom as per the specification document.
- Q5. Please provide a picture of the "existing refuse station to be removed". We visited the site and it was difficult to assess the site due to a significant amount of snow everywhere and a closure leading to old bridge
- R5. See attached photos within DSP2-17-5438.
- Q6. We were unable to source access to east abutment (other side of river). We are curious if you would know if one exists? Or if all work will need to occur from the Highway side.
- R6. Access is available from highway side only. There is limited foot access by trail, but a long trek is required.
- Q7. I can't find anyone who carries the HSS 127x6.4. I've reached out to all our supplier. However all were able to offer HSS 141x6.4.
- R7. Material appears to be available, just not on hand. Spec to remain unchanged.
- Q8. Is there an access to the west side of the construction location, other than accessing from across the creek?
- R8. No vehicle access is available. Only a long trek through back-country trail. Although a quad bike could be used on the trail, it may be a long trip.
- Q9. Does PCA have any geotechnical information?
- R9. We have not undertaken any borehole investigation tests for this project.
- Q10. How is the access to the dowel locations? What is the width of the path?
- R10. Dowels on the east abutment are accessible from the parking lot via the existing path which is approximately 2-3 m wide. Access to the west abutment will be up to the contractor to determine the most suitable method. We suggest a site visit or scale off the Contract Drawings for a better

estimate.

When the area was surveyed, the surveyors had the option of crossing the creek at a shallow point upstream, or an approximately 3 km hike around the downstream end.

Q11. It mentions in the drawings that the tension anchors have to be tensioned for a minimum of 36 hours during stage 2. What sort of system would they want in place to tension back that rock face? (i.e., whalers etc,) and are you planning on providing this or would you want us to provide this?

R11. As per specification 31 23 21 Part 3.3.12 tensioning equipment is to consist of a hollow core jack that is to be provided by the contractor. The jack may be the same one used for anchor testing.

Q12. They don't show a anchor or dowel head details for any of these tendons, would you like us to just to supply the tendon itself with just the bar projecting above grade? if so, how much stickup would you like me to include?

R12. As per specification 31 23 21 Part 3.3.5, anchors are not to be visible in the final face, and the anchor head is to be recessed 50 mm into the face. Drawing 014 Rev B suggests that the recession then be filled with a mixture of grout and drill cuttings to further hide the anchor.

For the foundation dowels "Bridge Foundation Lateral Support Dowels", Drawing 014 Rev B shows that 300 mm is to be left protruding above grade.

Q13. How far down is the Drainage hole on the East side?

R13. The drainage holes are approximately 5 m down from the crest. The final location will be determined by the on-site representative to intersect the joint visible above it at a point 1-1.5 m into the rock face. This means positioning the drainage hole approximately 0.5 m below the joint.

Q14. How far down is the lowest un-tensioned dowel on the west side?

R14. Approximately 3 m, but to be confirmed by the on-site representative during construction.

Q15. Can use PE sheathing for the FSL (this would eliminate the "two stage grouting") please see attached drawing, this would save on costs as we wouldn't have to spend an additional day grouting up the FSL

R15. The use of a debonded Free Stressing Length is not acceptable at this location. Two stage grouting is required in order to negate the use of a nut and faceplate so that the anchor can be hidden. It is also important for corrosion mitigation.

Q16. The time frame of snow melt in the project area, given that there is currently a depth of 5 feet of snow?

R16. Snow melt is normally prior to April 1.

Q17. The time frame for normal spring freshet on the Numa Creek?

R17. Freshet peak is normally Late Jun – July.

C) Solicitation Document Changes

THE ATTACHED PRICE FORM MUST BE USED IN ORDER FOR A BID TO BE DEEMED RESPONSIVE. ANY BIDS SUBMITTED USING THE PREVIOUS PRICE FORM WILL NOT BE ACCEPTED.

INSERT:

APPENDIX 2 – COMBINED PRICE FORM

DELETE:

Bid and acceptance form in its entirety.

REPLACE WITH:

All other terms and conditions remain unchanged

BID AND ACCEPTANCE FORM (BA)

BA01 IDENTIFICATION

Title: Numa Bridge Replacement – Kootenay National Park

Solicitation Number: 5P420-17-5438/A

Kootenay National Park requires a contractor to perform all work associated with a replacement of Numa Falls Day Use Area Bridge replacement and a rehabilitation of the Numa Falls Day Use Area. See specifications and drawings for further details on the requirement of this project.

BA02 BUSINESS NAME AND ADDRESS OF BIDDER

Name: _____

Address: _____

Telephone: _____

Fax: _____

Email: _____

PBN: _____

BA03 THE OFFER

The Bidder offers to Canada to perform and complete the Work for the above named project in accordance with the Bid Documents for the **TOTAL BID AMOUNT INDICATED IN APPENDIX 2**.

BA04 BID VALIDITY PERIOD

The bid shall not be withdrawn for a period of 30 days following the date of solicitation closing.

BA05 ACCEPTANCE AND CONTRACT

Upon acceptance of the Contractor's offer by Canada, a binding Contract shall be formed between Canada and the Contractor. The documents forming the Contract shall be the contract documents identified in Contract Documents (CD).

BA06 CONSTRUCTION TIME

The Contractor shall perform and complete all Work by **June 15, 2018**. See specifications for project milestones.

BA07 BID SECURITY

The Bidder is enclosing bid security with its bid in accordance with GI08 - Bid Security Requirements of R2710T - General Instructions - Construction Services - Bid Security Requirements.

Solicitation No. - N° de l'invitation
5P420-17-5438/A

Amd. No. - N° de la modif.
002

Buyer - l'acheteur
Danny Ahn

Client Ref. No. - N° de réf. du client

File Name - Nom du dossier
Numa Bridge Replacement – Kootenay National Park

BA08 SIGNATURE

Name and title of person authorized to sign on behalf of Bidder (Type or print)

Signature

Date

APPENDIX 2 - COMBINED PRICE FORM

- 1) The prices per unit will govern in establishing the Total Extended Amount. Any arithmetical errors in this Appendix will be corrected by Canada.
- 2) Canada may reject the bid if any of the prices submitted do not reasonably reflect the cost of performing the part of the work to which that price applies.

Note: Bidders are reminded that it is their responsibility to include in their bid all work as described in the drawings and specifications. Pricing for work not accounted for in the Unit Price Table including but not limited to Mobilization, De-Mobilization, etc. is to be included in the Lump Sum Table.

LUMP SUM

The Lump Sum Amount designates Work to which a Lump Sum Arrangement applies.

- (a) Work included in the Lump Sum Amount represents all work not included in the unit price table.

	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable tax(es) extra (PU)	Extended amount (EQ x PU) applicable tax(es) extra
1	01 25 20	Mobilization and Demobilization	Lump Sum	1		
2	03 30 00.09	Reinforced Concrete Abutments	Lump Sum	1		
3	05 12 33	Supply and Erection of Steel Truss Bridge	Lump Sum	1		
4	06 10 00	Supply and Installation of Timber Decking	Lump Sum	1		
5	32 17 23	Pavement Markings	Lump Sum	1		
6	13 34 23	Prefabricated Buildings	Lump Sum	1		
TOTAL LUMP SUM AMOUNT (TLSA)						
Excluding applicable tax(es)						

UNIT PRICE TABLE

The Unit Price Table designates Work to which a Unit Price Arrangement applies.

- (a) Work included in each item is as described in the referenced specification section.
 (b) The Price per Unit shall not include any amounts for Work that is not included in that unit price Item.

	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable tax(es) extra (PU)	Extended amount (EQ x PU) applicable tax(es) extra
1	32 12 16.01	Asphalt Paving	Tonne	305.5		
2	32 11 23	Base Course	Cubic Metre	550		
3	02 41 13.13	Pavement Removal	Cubic Metre	110		
4	31 00 00.01	Common Fill	Cubic Metre	200		
5	31 23 22	Common Excavation	Cubic Metre	180		
6	31 05 16	High Fines Surfacing	Cubic Metre	90		
7	31 00 00.01	Stripping	Cubic Metre	250		
8	31 72 13	Double Corrosion Protection Rock Bolts	Linear Metre	82		
9	31 72 13	Unlined drains	Linear Metre	15		
10	33 42 13	300mm CSP Culvert	Linear Metre	10		
11	Dwg. Sheet 011	Parking Curbs	Each	12		
12	10 14 54	Traffic/Parking Sign	Each	8		
13	Dwg. Sheet 008	Remove and dispose of existing chain-link fence	Linear Metre	34.4		
14	Dwg. Sheet 014	New wooden fence supply and install	Linear Metre	54		
15	Dwg. Sheet 008	Boulder and landscaping gravel	Square Metre	264		
TOTAL EXTENDED AMOUNT (TEA)						
Excluding applicable tax(es)						

TOTAL BID AMOUNT (TLSA +TEA)	
Excluding applicable tax(es)	