



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS Á:

Parks Canada Agency
1300 - 635 8 Ave SW
Calgary, AB T2P3M3
Bid Fax: 1-866-246-6893

AMENDMENT / MODIFICATION

005

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 et aux annexes ci-jointes, les biens, services et construction énumérés ici et sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments - Commentaries

- **Signed copy of this amendment is to accompany each tender.**
- **Une copie signée de cet amendement accompagne chaque offre.**

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

Title-Sujet Virginia Falls Dock Replacement Design-Build Nahanni National Park Reserve		
Solicitation No. - No. de l'invitation 5P420-18-0079/A		Date: June 20, 2018
GETS Reference No. - No de reference de SEAG PW-18-00828989		Amendment No. - N° de la modif. 005
Solicitation Closes:		
at - á 02:00 PM	on - le June 26, 2018	Time Zone - Fuseau horaire MDT - 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 : Nathaniel Harrison nathaniel.harrison@pc.gc.ca		
Telephone No. - No de téléphone (403) 292-4572		Fax No. - No de FAX: 1-866-246-6893
Destination of Goods, Services, and Construction: Destinations des biens, services et construction:		
See Herein - Voir ici		

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 a signer au nom du fournisseur/ de l'entrepreneur	
Title - Titre	
Telephone No. - N° de telephone: _____	
Facsimile No. - N° de télécopieur: _____	
Signature	Date

Amendment 05

This amendment is being raised to extend the solicitation closing date, answer questions and make changes to the tender package.

A) Closing Date

The closing date for tender 5P420-18-0079A, titled *Virginia Falls Dock Replacement Design-Build - Nahanni National Park Reserve*, is extended from June 21, 2018 until June 26, 2018 at 2:00PM Mountain Daylight Time (MDT).

B) Question and Answers

Q20. I would like to confirm the completion date on the project.

A20. July 1, 2019

Q21. Is the contractor responsible for any demolition or moving of any existing docks, walkways or other obstructions that may hinder the installation of grillages and docks/ramps?

A21. Contrary to response A16 from Amendment 4, Parks Canada is adding the following to the scope of work:

- a) To make room for the new grillage installation, Parks Canada can remove the existing downstream dock and take it up stream with our motor boat to create a second temporary dock for use by the contractor and the limited number of visitors that will be passing through the site. Contractor to remove existing docks and ramps from the river in fall 2018 when they are no longer needed for the project and place them on the marsh area adjacent to the helipad which is approximately 50 m from the river. Contractor to coordinate with Parks Canada for the timing of this work.
- b) Contractor to remove boardwalk and associated helical piles for the 54 m of boardwalk along the river bank as shown in the attached photos, half of this boardwalk is 2 m wide and the other half is 1.2 m wide. The boardwalk is made of pressure treated 2x6 deck boards on 2x10 stringers. The boardwalk is to be removed in sections and transported by helicopter to a new maintenance compound approximately 500 m away. There are approximately 50 helical piles to remove, many of which are coming out of the ground already because of repetitive seasonal frost jacking, some will still be at full depth (expect 1-3 m). The helical piles are 75 mm outside diameter steel piles with a 200 mm helix located about 0.6 m from the angled tip of the pile. A smaller helix is located about 0.2 m from the end of the pile. Each helical pile is 1.5 m in length, additional 1.2 m pile sections without helices are bolted on as needed to install deeper helical piles. Contractor responsible for removing and disposing of the removed helical piles and extension sections off site.

For reference attached is a picture of the piece of equipment that installed the helical piles being unloaded from a Twin Otter at site.

Q22. It is noted on the drawings that a 'boardwalk by others' maybe installed over the grillage. Is there any special provision be made to accommodate the fastening of this boardwalk to the grillage? Or will this be addressed after contract award?

A22. The intention is that this boardwalk will be installed with simple 6x6 sleepers lying on the surface of the ground. It is not anticipated that special provisions will be required to accommodate the future board walk.

Q23. Is the contractor responsible for the cutting and removal of the trees at each grillage site?

A23. Most of the trees have been cut already, Parks Canada will be responsible for cutting any additional trees down if required.

Q24. Is the contractor responsible for creating pathways to the grillage sites in wooded areas so equipment can be moved in?

A24. The contractor will be responsible for moving equipment around site in a way that minimizes the impact to the ground. The Contractor should expect that lumber will need to be placed to protect the ground

or move equipment on the existing boardwalk if suitable. The grillage furthest upstream from the site requires crossing a stream and climbing a steep bank, using a helicopter to lift the equipment to this site should be considered. The creation of all pathways will need to be approved by Parks Canada.

Q25. Will Parks Canada have the final determination of the grillage site location, in conjunction with the work by the contractor, to make allowances for any local ground conditions and proximity to the river bank?

A25. Parks Canada will have final determination of the grillage site location and will make that determination on site with the Contractor during the initial reconnaissance visit.

Q26. Is the geomatics survey needed for the layouts and elevations of the dock/ramp/grillage systems? If so, is this survey referenced to a datum point determined by Parks Canada?

A26. It is expected the survey be completed as part of the reconnaissance trip to confirm grillage locations along with the elevations and final confirmation of ramp lengths. See A11 from Amendment 2 regarding the control datum point that this survey is to be referenced to.

Q27. What length is preferred for the mooring chair floats considering their weight could be in the 20lbs± per lineal foot range?

A27. Contractor to determine suitable length of chain floats based on the lifting limitations of the helicopter. It is expected that they floating chain will be left lying along the shore over winter.

Q28. The specified DR26 HDPE pipe specified is not readily available. Is DR17 HDPE pipe an acceptable alternate?

A28. Approved.

Q29. Section 011100 Part 1 1.4.5 & 1.4.12 of the Specifications states that the contractor is responsible for the supply of food. However, in Amendment 3-A15 its states that 'A cook and food will be provided by PCA'. Please confirm if Amendment 3 is applicable for the duration of the project.

A29. Please see Amendment 4 – Tender Package Revisions

Q30. After contract award, what amendment procedure will used in the event that changes from the RFP information, documents, and terms of reference in such matters as design, load figures, and/or methods etc. are required?

A30. In the event that any changes are deemed necessary, the required changes would be implemented by way of a contract amendment issued by the contracting authority at that time.

Q31. Does PCA have an available lay down area in Fort Simpson for gathering and temporary storage of equipment, material and components that need to be air transported to the construction site?

A31. No, Parks Canada does not have sufficient space for temporary storage of equipment, materials or components in Fort Simpson, Contractor to source.

Q32. Will there be a designated lay down area assigned for temporary storage of equipment, material and components at the construction site?

A32. Yes there will be sites designated for lay down and temporary storage at the site, these will be selected with the Contractor during the reconnaissance site visit.

Q33. There is an on-site survey (reconnaissance) of the construction site(s) in the spring/summer of 2018 with construction to commence after August 26, 2018. Does this reconnaissance include the work of the proposed initial layout and elevation geomatics survey? Or, can this work be done shortly after the reconnaissance?

A33. The geomatics survey should be completed at the same time as the initial site visit. If they are done separately it will be at the Contractor cost.

Q34. Does PCA have any historical weather data for the Virginia Falls area so an understanding of the potential weather conditions can be extrapolated for scheduling purposes?

A34. See DSP 2_18-0079.zip

C) TENDER PACKAGE CHANGES

1. ADD: DSP2_18-0079.zip

*Deadman Valley Avg Temps 2005-2015
Boardwalk removal
Boardwalk at shoreline
3cbobcat unload*

2. RFP

a) ANNEX C: BID PRICE FORM

Delete: 1.5 Construction Time

Replace with:

1.5 Construction Time

The Bidder agrees to complete the work by July 1, 2019.

b) TERMS OF AGREEMENT, A2 THE WORK

Delete: A2 THE WORK

Replace with:

A2 THE WORK

- 1) The Design-Builder agrees
 - (a) to complete the Work by July 1, 2019.

3. SPECIFICATIONS

Under Section 35 59 29 MOORING DEVICES

Delete: 1.6.1 High density polyethylene pipe 300 mm diameter DR 26 with wall 12.45 mm;
1.6.2 High density polyethylene flange adapter 300 mm nominal DR 26 to AWWA C906-99 with flange outside diameter of 393.7 mm and adapter length of 304.8 mm and flange thickness of 33.02 mm;

Replace with:

- 1.6.1** High density polyethylene pipe 300 mm diameter DR 26 with wall 12.45 mm or DR 17 with wall 19.05 mm ;
- 1.6.2** High density polyethylene flange adapter 300 mm nominal DR 26 to AWWA C906-99 with flange outside diameter of 393.7 mm and adapter length of 304.8 mm and flange thickness of 33.02 mm or suitable equivalent flange adapter if DR 17 pipe is selected.;

4. Section 01 11 00 Summary of Work; as clause 1.1.2.7 and in the Terms of Reference in Section RS 1.2 Deliverables as clause .3 d.

Add:

- a) To make room for the new grillage installation, Parks Canada can remove the existing downstream dock and take it up stream with our motor boat to create a second temporary dock for use by the contractor and the limited number of visitors that will be passing through the site. Contractor to remove existing docks and ramps from the river in fall 2018 when they are no longer needed for the project and place them on the marsh area adjacent to the helipad which is approximately 50 m from the river. Contractor to coordinate with Parks Canada for the timing of this work.
- b) Contractor to remove boardwalk and associated helical piles for the 54 m of boardwalk along the river bank as shown in the attached photos, half of this boardwalk is 2 m wide and the other half is 1.2 m wide. The boardwalk is made of pressure treated 2x6 deck boards on 2x10 stringers. The boardwalk is to be removed in sections and transported by helicopter to a new maintenance compound approximately 500 m away. There are approximately 50 helical piles to remove, many of which are coming out of the ground already because of repetitive seasonal frost jacking, some will still be at full depth (expect 1-3 m). The helical piles are 75 mm outside diameter steel piles with a 200 mm helix located about 0.6 m from the angled tip of the pile. A smaller helix is located about 0.2 m from the end of the pile. Each helical pile is 1.5 m in length, additional 1.2 m pile sections without helices are bolted on as needed to install deeper helical piles. Contractor responsible for removing and disposing of the removed helical piles and extension sections off site.

All other terms and conditions remain unchanged.