



<p>RETURN BIDS TO/RETOURNER LES SOUMISSIONS À:</p> <p>Bid Receiving - Environment Canada / Réception des soumissions – Environnement Canada</p> <p>Electronic Copy: soumissionsbids@ec.gc.ca</p> <p>BID SOLICITATION AMENDMENT MODIFICATION DE LA DEMANDE DE SOUMISSIONS</p> <p>The referenced Bid Solicitation is revised in this document; unless otherwise indicated, all other terms and conditions of the Bid Solicitation remain the same.</p> <p>La demande de soumissions citée en référence est modifiée dans ce document; sauf indication contraire, les modalités de la demande de soumissions demeurent les mêmes.</p>	<p>Title – Titre SARITA RIVER NEAR BAMFIELD – 08HB014 CABLEWAY UPGRADES AND REPAIRS</p>	
	<p>EC Bid Solicitation No. /SAP No. – N° de la demande de soumissions EC / N° SAP 5000060024</p>	<p>Amendment No. - N° de modification 002</p>
	<p>Amendment Date (YYYY-MM-DD) – Date de la modification (AAAA-MM-JJ) 2022-04-05</p>	
	<p>Bid Solicitation Closes (YEAR-MM-DD) - La demande de soumissions prend fin (AAAA-MM-JJ) at – à 2:00 P.M. on – le 2022-04-08</p>	<p>Time Zone – Fuseau horaire Pacific Daylight Time (PDT)</p>
	<p>F.O.B – F.A.B See herein</p>	
	<p>Address Enquiries to - Adresser toutes questions à Garvin.Suepaul@ec.gc.ca</p>	
	<p>Telephone No. – No de téléphone 613-295-4823</p>	<p>Fax No. – No de Fax N/A</p>
	<p>Delivery Required (YEAR-MM-DD) – Livraison exigée (AAAA-MM-JJ) See herein</p>	
	<p>Destination of Services / Destination des services SARITA RIVER NEAR BAMFIELD – 08HB014 British Columbia Lat : 48° 53' 33.0" N; Long : 124° 58' 09.9" W</p>	
	<p>Security / Sécurité See herein</p>	
<p>Vendor/Firm Name and Address - Raison sociale et adresse du fournisseur/de l'entrepreneur</p>		
<p>Telephone No. – N° de téléphone</p>	<p>Fax No. – N° de télécopieur</p>	
<p>Name and title of person authorized to sign on behalf of Vendor/Firm: (type or print) / Nom et titre de la personne autorisée à signer au nom du fournisseur/de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</p>		
<p>Signature</p>	<p>Date</p>	



AMENDMENT No. 002

Amendment 002 of Solicitation #5000060024 is raised to revise the Invitation to Tender (ITT) and answer questions from Suppliers.

ITT REVISIONS

The ITT revisions include removing the previous drawings and replacing it with updated drawings.

1. At ANNEX “B” – Drawings:

DELETE: in its entirety

INSERT:

ANNEX “B” – DRAWINGS

The UPDATED document is provided in PDF format as a separate attachment of this solicitation titled,
“5000060024_annex_b_-_updated_drawings_cableway_repair_at_sarita_river_near_bamfield.pdf”

QUESTIONS (Q) AND ANSWERS (A)

Q1.

- a) Are you able to provide additional pictures/comments regarding the far side excavation?
- b) What is the extent of the rock?
- c) What is the type of rock?
- d) How many trees are impeding the proposed excavation and what are the sizes?
- e) Can the trees be free felled or must they be blocked?
- f) Is a tree permit/ authorization required?

A1.

- a) Additional photos are uploaded.
- b) Unknown
- c) Unknown
- d) Possibly 3 trees approximately greater than 30 inch diameter at breast height.
- e) Trees to remain, major roots of trees to remain
- f) Tree permit is not provided

Q2. Can the work be started in late April 2022?

A2. Advised to bid and plan per start date stated in Specification.

Q3. Can we visit this site pre-bidding?

A3. Yes, this is advised.

Q4. As per specifications for Sarita River Banfield (08HB014) Cableway Upgrade and Repairs, there is no access to the right Bank.

- vegetation clearing to construct an access path from the road to the cableway will not be permitted.



- Machine stream crossing will not be permitted due to existing water levels and fish presence.
- There is no space for landing a helicopter on the right bank far side.
- The far side bank is steep (approximately 50% grade and vertical in some areas).
- There is a variety of trees present on the right bank far side. Tree removal for laydown space and excavation should be minimized to maintain bank stability and requires approval from the Technical Authority.
- General observation of the geology on the right bank far side infers rock in excavation, rock outcrops and boulders visible on the bank face.

As there is no road, trail or helicopter pad and, as per the provide photos, there are large caliper trees and boulders, at least a 7000-10.000 LBS excavator with hydraulic breaker is required.

Please provide clarification on what is expected from the Contractor:

- 1- Sling in 10000 lbs excavator?
- 2- Create access from the road and restore site after completion?
- 3- Hand digging?
- 4- Project budget?

- A4.** 1: Would advise hand digging is more cost effective.
2: Minimal impact to the riparian area
3: Hand digging may be required
4: Project budget is based on the known unknowns. Encourage bids to be submitted at fair value for work required.

- Q5.** After my site visit (unscheduled with no involvement of ECCC), the following observations are made:

1. Far Side:

- A. Access to the site is difficult, there is no road to the far side. Cross the river, narrow shoreline, and risky climbing up to work area.
- B. Needed to scramble up the bank on your hands and knees, bank is steep and there no assist or foothold or hand pulls are available.
- C. Work area:
 - i. trees in the work area are 100' plus.
 - ii. tree root ball and underground tree grow out will limit dig depth & area.
 - iii. rock crops are visible on the surface and may encountered in the dig.
 - iv. steepness of the bank allows for no area for placement of dig matter.
 - v. steepness of the bank does not allow for machine or manpower placement/positioning.
- D. No roadside access to far side work area, need to slash a long pathway/accessway for machine and manpower. Estimated distance of 1- 2 km.

2. Questions:

- a) Is there an alternate anchoring solution allowed?
- b) Can the large trees and root ball be removed?
- c) Rock clause for blasting?
- d) Can we slash pathway for excavator?
- e) Opinion that Workman's Compensation limits will not be achieved on this excavation, alternative system. This excavation will need to be shored with P. Eng. onsite giving directions.
- f) What happens if we cannot dig further due to site conditions? Rock or root encounters?
- g) Helicopter long lining will be restrictive/impossible as no pilot visibility of the excavation.



A5.

- a) Two rock anchors able to resist 120kN each is a potential possibility.
 - Must be load tested after installation
 - Must be orientated upward at 6 degrees to allow the cable to pull without inducing a bending moment.
 - Must angle at 30 degrees apart from each other as shown in the plan view of the steel plate anchor drawings.
- b) TBD – no answer at this time.
- c) TBD – no answer at this time.
- d) TBD – no answer at this time.
- e) No advice provided – Workers Compensation Act must be followed.
- f) Encountering bed rock may be condition for potential change order – follow method set in General Conditions for construction contracts (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/5/R>)
- g) Correct

Q6. Limits on the openness of the excavation controlled by bank angle, existing growth, existing terrain, safety, and excavation regulations makes this a difficult to impossible work.

A. Quotation would require the following work:

1. Access path for a machine on far side
2. Removal of trees and regrading at the anchor location
3. Rock clause, blasting
4. Large work area to allow for a dig, placement of excavated materials and workers safety.

The tender documents read that these would not be allowed. Please confirm, or will it be allowed?

- B. What happens if tender is accepted, and client does not accept our work plan?
- C. Who is responsible for the QEP?

A6.

- A. Same as above (A5-d).
- B. Work plan submitted must be achievable/acceptable with information provided at time of bid.
- C. ECCC is responsible for a QEP to meet the requirements of the current permits. If rock blasting is proposed, the contractor would be responsible for having an independent QEP to pay for this expense (shock waves and fish eggs are the main concern).

All other terms and conditions of the Bid Solicitation remain the same.