



**RETURN BIDS TO:
RETOURNER LES SUBMISSION À :**

**Parks Canada Agency
Banff Field Unit
PO Box 900
216 Hawk Avenue
Banff, AB, T1L 1K2**

**REVISION 002 TO AN
INVITATION TO TENDER**

**RÉVISION 002 À UNE
INVITATION À SOUMISSIIONER**

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions remain the same.

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

Issuing Office - Bureau de distribution :

Parks Canada Agency
National Contracting Services
Banff National Park
PO Box 900
Banff, AB
T1L 1K2

Title - Sujet : Bank Re-vegetation Rocky Mountain House National Historic Site	
Solicitation No. - N° de l'invitation : 5P421-19-0008/B	Date : January 23, 2020
Amendment No. - N° de modification : 002	
Client Reference No. - N° de référence du client : N/A	
GETS Reference No. N° de reference de SEAG : PW-19-00899214	

Solicitation Closes - L'invitation prend fin : At - à : 02 :00 PM On - le : January 30, 2020	Time Zone - Fuseau horaire Mountain Standard Time (MST) – Heure normale des Rocheuses (HNR)
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F.O.B. - F.A.B. :
Plant - Usine : **Destination :** **Other - Autre :**

Address Enquiries to - Adresser toute demande de renseignements à :
Annie Roy

Telephone No. - N° de telephone : 403-762-1459	Fax No. -N° de télécopieur :	Email Address – Courriel : annie.roy2@canada.ca
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Destination of Goods, Services, and Construction - Destination des biens, services, et construction :
Rocky Mountain House NHS, Rocky Mountain House, Ab

TO BE COMPLETED BY THE BIDDER - À REMPLIR PAR LE SOUMISSIIONNAIRE

Vendor/ Firm Name - Nom du fournisseur/ de l'entrepreneur :	
Address - Adresse :	
Telephone No. - N° de telephone :	Fax No. - N° de télécopieur :
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	
Signature :	Date :

Solicitation No. - N° de l'invitation :
5P421-19-0008/B

Amd. No. - N° de la modif. :
002

Contracting Authority - Autorité contractante :
Annie Roy

Client Ref. No. - N° de réf. du client :
N/A

Title – Titre :
Bank Re-vegetation
Rocky Mountain House National Historic Site

Amendment 002

This amendment is raised to:

A. Answer questions from bidders

A. Questions and Answers

- Q1.** Are you able to provide more detail for the protective matting? Suppliers are saying that the specifications do not provide enough detail to recommend a product.
- A1.** See Section 31 32 19.16 section 2.01-1. the protective matting is to be a form of rig matting or access matting. The specification is up to the contractor to ensure they use matting heavy enough for the equipment they choose to use. This section also specifies that the contractor is to provide a plan with appropriate matting for approval. The product used will depend heavily on the equipment mix of the contractor. The matting must be strong enough to ensure soil is not disturbed beneath the matting when equipment is on it. Heavy traffic areas may require thicker matting but it is up to the contractor to determine how much matting and whether or not they are going to matt the whole work area for the entire project or move the matting around as needed.

- Q2.** There is a diagram that shows the vertical distances for the existing rip rap, I am trying to determine what size machine to use. Is there also a profile diagram with horizontal distances? Or can we drive on the existing rip-rap with a machine?
- A2.** No machinery is permitted on top of the riprap as it could destabilize, it must be accessed from the top of the bank. The bank can be dimensioned using the scale on the drawings. Please see below picture for horizontal profile.

Looking West standing near the NE end



Looking East standing near the NW end



- Q3.** Is there some flexibility with the planting design? It is requiring a guarantee on the plants, but I see some major issues with the design, in particular, the use of a coir mat below the soil, which may create air space below the roots of the plants.
- A3.** No. As per detail 1 on drawing L2.0, the COIR matting is placed over the topsoil, only on the bottom edge is it to be keyed in below the soil. The potted plants are planted through it into the topsoil.
- Q4.** Can you clarify what -2 gravel is that has 100% pass through a 500 mm sieve? Is this a typo and is supposed to be 2" minus gravel?
Can you clarify the bid item 5 for rip rap in-fill material? Specified as -2 gravel, 100% passing the 500mm sieve. Do you have a gradation specification for this material?
- A4.** This is a typo, it is 2" minus gravel.
Bid item 5 to be 2" minus gravel.

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- Q5.** Can irrigation be installed on-site as opposed to having maintenance water trucks and laborers hand water?
- A5.** Irrigation installed is preferable to water trucks because the trucks would be limited in access by the existing trails. They cannot leave existing trails once the matting is removed.
- Q6.** Under Supplementary Conditions, SC02 Insurance Terms: the contractor is to maintain coverage for a period of 6 years from date of Substantial Performance. But the landscape maintenance period is only for 1 season/year (2021). Can you please clarify the insurance requirements?
- A6.** Maintenance is a warranty issue not an insurance requirement. Insurance requirements are as per what is required in the Invitation to Tender document under SC02 (p. 8) and Annex A – Certificate of Insurance (p.14 & 15).
- Q7.** To confirm, the live stake plantings have now been removed from the scope of work (from 2019 tender)?
- A7.** Correct, they have been removed as per the current drawings and specifications.
- Q8.** Would lenience be given on the soil analysis of the imported subsoil/topsoil, specifically the electrical conductivity, sodium absorption ratio, pH, organic matter and soil texture? As this material would be sourced locally/close by. Will amendments also be required to the on-site sourced topsoil?
- A8.** The onsite soil shall only be used as subsoil. The SAR and EC, pH, OM and texture concerns are regarding plant growth limitations. Imported soil is not required to match on site soil exactly, if the soil is suitable for growth, it will be allowed. An analysis of the soil must be provided for review and acceptance prior to installation.
- Q9.** Will there be a pre-tender meeting prior to tender closing? For bidders to review the scope change, site conditions, etc.
- A9.** No. Contractors are permitted to visit the site at their convenience.
- Q10.** It is mentioned in the planting section that the contractor needs to be in good standing with LANTA, furthermore, quality control requires there to be landscape industry certified technicians. Does this mean all planters/installers need to meet this requirement? As a BC company filled with tree planters and foresters, we do not have status with LANTA and are not certified; we do, however, have quite a bit of experience with projects of this nature and I am wondering how stringent these requirements are.
- A10.** If confirmation of good standing with LANTA cannot be provided, the site superintendent shall have a minimum of 5 years experience and be on site at all times work is taking place.
- Q11.** Are all the plants and shrubs listed in Division 32 Exterior Improvements already sourced out, or is it the successful company's responsibility to source and have grown?
- A11.** As per the unit price table and section 32 93 10, the contractor is to source and procure all plant material. These species are generally available from Native Plant Supply companies in Southern Alberta and BC and are likely already grown and ready for planting.
- Q12.** What is the criteria around the required imported Topsoil and Subsoil to be brought in?
- A12.** The soil must be suitable for plant growth. If requirements are not stated in the specifications, there is flexibility. A soil analysis confirming it is suitable for growth must be submitted for review and acceptance prior to installation.
- Q13.** Can the mentioned 75m3 of onsite soil stockpiled be used as part of the topsoil / subsoil requirements?
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- A13.** Yes, the soil stockpiled on site can be used. It must be used as subsoil as it is not suitable for topsoil.
- Q14.** For the extent of coir matting in the mid to lower riparian areas, is this mat to be installed only on clustered planting as per drawing L1.2, or is coir matting (and topsoil) to be installed on top of all riprap in riparian areas?
- A14.** As per section 31 32 19.16 – 3.05-2, the coir matting is to be installed from the toe of the riprap to top of bank.
- Q15.** Is there a requirement for biodegradable hydraulic oil in equipment operating within close proximity of riparian areas?
- A15.** Yes, all equipment working over the edge of the bank must have biodegradable hydraulic oil.
- Q16.** Does soil sampling have to be done by an outside agency, or just analysis?
- A16.** Sampling can be completed by the successful bidder but the analysis must be completed by an accredited lab.
- Q17.** Can the ESC plan be done in house? Does it require a CPESC stamp?
- A17.** The ESC plan can be completed in house as it must be submitted for review and acceptance. It does not require a CPESC stamp.
- Q18.** Regarding project schedule: Is Monday to Friday required for scheduled work hours, or could we do an alternate work schedule of 10 days on- four days off (working through every other weekend)? Is there an intention to allow for public access during weekend? We are just inquiring for flexibility in work schedule to accommodate the mobilization due to distance from our base of operations.
- A18.** See section 01-11-00 – 1.09.3. The public must have access to the gravel pathway throughout the duration of the project, not just on the weekends. As long as revised work days do not extend the duration of the project, it will be permitted.
- Q19.** Are monthly maintenance reports required for the winter season during dormancy?
- A19.** No, only during the growing season from May to October.
- Q20.** Who is the survey responsibility of for measurement of line items for payment?
- A20.** The successful bidder must provide the survey information which will be reviewed by the PCA Departmental Representative on site.
- Q21.** Is there a specification for the biodegradable pins to secure the Erosion Control Matting to ensure adequate depth of penetration?
- A21.** The contractor is to determine the most effective method to secure the matting and following the manufacturer's instructions.
- Q22.** Is there a specific product you would like to use for the wattle? Are biodegradable rope and wooden stakes appropriate for securing the wattle in place?
- A22.** Product selection for the wattle will be flexible, no specification will be provided. Yes, biodegradable rope and wooden stake are acceptable for securing the wattle in place.
- Q23.** Can you please provide clarification regarding Item #6 under "B Division 31-Earthworks". Item 6 is Protective Matting and Associated Liner. There is no additional information provided about this line item and we cannot see anything referenced on the drawings. Can you please provide additional information as to what is to be included in the pricing for this line item.
- A23.** Lump sum will include transportation, rental, placement, removal and any movement around the site required (dependent on how they set up their work area). There is flexibility for whether they

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mat the whole area or only the storage area and progressively mat as they move across the actual work area.

- Q24.** On drawing L1.1, L1.2 and L1.3 there is a scale shown of 0-20m, will that scale be accurate on a 24" by 30" plan? If not what are the plans sizes needed to be accurate?
- A24.** These drawings are on a standard A1 metric paper size (23.39" x 33.11"). If the drawings are printed on a smaller size, the scale bar will still be accurate as it will scale down with the rest of the drawing.

ALL OTHER TERMS & CONDITIONS REMAIN UNCHANGED