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**REVISION 002 TO A
INVITATION TO TENDER**

**RÉVISION 002 À UNE
INVITATION À SOUMISSIONER
DEMANDE D'OFFRES À
COMMANDES**

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

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

Issuing Office - Bureau de distribution :
Parks Canada Agency
Calgary, AB

Title - Sujet : East Gate Landslide Check Dams – Glacier National Park	
Solicitation No. - N° de l'invitation : 5P420-20-0511/A	Date : April 9, 2021
Amendment No. - N° de modification : 002	
Client Reference No. - N° de référence du client : 566	
GETS Reference No. N° de référence de SEAG : PW-21-00950893	

Solicitation Closes - L'invitation prend fin : At - à : 2:00 PM On - le : April 15, 2021	Time Zone - Fuseau horaire MDT-HAR
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F.O.B. - F.A.B. :
Plant - Usine : **Destination :** **Other - Autre :**

Address Enquiries to - Adresser toutes demande de renseignements à : Christine LeClerc

Telephone No. - N° de telephone : (403) 763-0151	Fax No. -N° de télécopieur : (866) 246-6893	Email Address – Couriel : christine.leclerc@canada.ca
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Destination of Goods, Services, and Construction - Destination des biens, services, et construction :
See Herein – Voir ci-haut

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

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 :

Amendment 002

This amendment is being raised to extend the solicitation closing date, distribute site visit information and questions and answers.

A. Bid Closing Date

The closing date for tender 5P420-20-0511/A is extended from April 13, 2021 to **April 15, 2021 at 2:00PM Mountain Daylight Time (MDT)**.

B. Optional Site Visit

1. Attendees

Vendor	Representative's Name
Emil Anderson	Brad DeShane
Emil Anderson	Mike Lines
Bad Ventures	Alex Shaw
Nilex Civil Eng Group	Dean Mandryk
PME	Dannielle Fenske
Spider Excavators	Dan Livingston
Speers Construction	Mike Fallaise
Speers Construction	Mark Belshan
Landmark	Rob Udy
Greenfield	Serge Ringuette
Dawson Civil	Peter Shiling
Axis	Brodie Jewer
Over the Edge	Mitchel Coers

2. Additional information

The logs are stacked and obvious at the Kozak Mill which can be accessed from Camozzi Road and the paved Egras Road in Revelstoke for viewing.

C. Question and Answer

Q2: There appears to be a significant amount of work related to the catchment cleanout, but no plan, profile or section drawings provided. Can the owner provide drawings / x-sections illustrating the extent of work please.

A2: Refer to Section 31 24 13 Catchment Cleanout, Clause 3.7.3.4.

Q3: Specification 31 24.13 clause 3.7.1.1 states that "Stockpiling only in designated area as directed by the Departmental Representative". Can you confirm that this would be in the area of stockpiles 5,6,7 & 8

A3: Appendix H shows the location of existing stockpiles as of September 2020. Any area within the footprint of the Eastgate Storage Area could be used for stockpiling, as directed by the Departmental Representative.

Q4: Lump Sum item 4 – Access Road. Per Tender Specification 31 52 13 clause 1.1.5, the contour information provide in the drawings are based on a LiDAR survey completed prior to a debris flow event. This information has not been previously provided. Can the owner provide survey information related to the current ground elevations? This item will be difficult to price without excessive risk. Would the owner consider accounting for this item in Lump Sum Item 3 – Prime Cost Sum?

A4: No additional survey information is available; refer to Section 31 53 13 Log Crib Check Dams, Clause 1.1.5. Lump Sum Item 3 Prime Cost Sum will remain unchanged.

Q5: What time period was the previous structure built?

A5: Work commenced approximately at the end of June and completed by the end of August.

Q6: What is the typical construction season for this location?

A6: Refer to Section 01 11 00 – Summary of Work, Clauses 1.7.5.5 and 1.7.5.6 of the Construction Specification.

Q7: Does the 40,000m³ of catchment cleanout include the structure excavation?

A7: No. Refer to Section 31 53 13 – Log Crib Check Dams, Clause 1.3.5.2 of the Construction Specification.

Q8: What level of sorting will be required for the catchment cleanout?

A8: Oversize and woody debris materials should be sorted prior to stockpiling to achieve a suitable Type D material for future use.

Q9: Will the catchment cleanout need to be completed as per design or as directed by the Departmental Representative?

A9: As directed by the Departmental Representative. Reference drawings are provided for general guideline.

Q10: Is the reconstruction of the rock weirs paid under Lump Sum Price Item 3 – Prime Cost Sum?

A10: Yes.

Q11: What is the anticipated volume of woody debris from the catchment cleanout?

A11: Woody debris volume is variable from year to year.

Q12: What is the ML (soil) identification and is it crucial to the embankment stockpile?

A12: Clay silt or organic silt of the mixed excavation are not critical in the placement of the catchment cleanout material placed in stockpile.

Q13: Is sorting necessary for the waste (catchment cleanout) material?

A13: Woody debris and rock is to be separated from material by excavator prior to stockpile. Only boulders greater than 250 mm diameter and woody debris of same size need to be removed.

Q14: Will the logs come to site debarked?

A14: The timber being supplied will be debarked and milled on one face as per Section 01 11 00 – Summary of Work, Clause 1.10 of the Construction Specifications. Timber longer than 50ft may not be milled and will require additional effort for notching. We anticipate longer timber will only be required for sill logs (2 per check dam). Notching will be incidental to Unit Price Item 3 – Log Crib Check Dam as per Section 31 53 13 – Log Crib Check Dams, Clause 1.3.5.4 of the Construction Specifications.

Q15: Will enough timber be supplied to complete all the structures?

A15: If required, additional supply of timber will be paid under Lump Sum Price Item 3 – Prime Cost Sum as outlined in Section 01 21 00 – Allowances, Clause 1.2.7.6 of the Construction Specifications.

Q16: What species of timber will be provided?

A16: Spruce and Fir.

Q17: Will the catchment cleanout sorting produce enough riprap?

A17: There is additional riprap material that is stockpiled at the East Gate Storage Site that can be made available if required. Import riprap will not be required.

Q18: What is the source location of the rock for the riprap?

A18: Likely, the required quantity is within the landslide gully and the catchment area. Additional supply from the East Gate Storage Site may be utilized as directed by the Departmental Representative.

Q19: How is danger tree and hazard scaling paid?

A19: These will be paid under Lump Sum Price Item 3 - Prime Cost Sum.

Q20: Will danger trees taken down need to be removed from the site?

A20: Danger trees will need to be removed from the direct work area or, if they are deemed suitable for use by the Departmental Representative, incorporated in the Work so that they are not a hazard. Fir Trees left onsite will need to be debarked prior to demobilization for fir beetle mitigation measures.

Q21: Will surplus / waste excavation from the structures need to be hauled down?

A21: No surplus material from the structure excavation is anticipated.

Q22: How will the site drainage be paid?

A22: Temporary Drainage diversion will be paid under Lump Sum Price Item 3 – Prime Cost Sum (Section 01 21 00 – Allowances, Clause 1.2.7.1 of the Construction Specifications). Check-dam subdrain system is incidental to Unit Price Item 3 – Log Crib Check Dam (Section 31 53 13 – Log Crib Check Dams, Clause 1.3.5.9 of the Construction Specifications).

Q23: Is the sheet drain product just 2-tubes per layer?

A23: The specified drainage product has numerous drain tubes per meter.

Q24: Is the drainage for check dams consistent of one or two pipes only per structure?

A24: The specified drainage product has numerous drain tubes per meter and it is to be laid across the full width of the check dam.

Q25: Is it possible to request an extension for this tender, for one week, to Thursday, April 15 at 2:00 PM MDT?

A25: Tendering closing date has been changed to Thursday, April 15, 2021

Q26: If we have additional individuals wanting to view the site, do we need to receive permission and/or are there any conflicts with other work that is taking place?

A26: The landslide location is not available for further viewing due to avalanche safety concerns.

ALL OTHER TERMS & CONDITIONS REMAIN UNCHANGED