



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: Avalanche Mitigation Phase 1B, Snow Nets, Glacier National Park Protection contre les avalanches, étape 1B – filets de protection contre les avalanches, parc national des Glaciers		
Solicitation No.: / N° de l'invitation : 5P420-15-5275/A	Amendment No.: / N° de modification de l'invitation : 007	Date: January 25, 2016 Date : 25 janvier 2016
GETS Reference No.: / N° de référence de SEAG : PW-15-00713474		
Solicitation Closes: / L'invitation prend fin :		
At: 02:00 PM	On: January 29, 2016	Time Zone: Mountain Standard Time (MST)
À : 14h00	Le : 29 janvier 2016	Fuseau horaire : Heure normale des Rocheuses (HNR)
Address Inquiries to: / Adresser toute demande de renseignements à : Nicole Levesque-Welch		
Telephone No.: / N° de téléphone : (403) 292-4691	Fax No.: / N° de télécopieur : (403) 292-4475	Email Address: / Courriel : nicole.levesque-welch@pc.gc.ca
TO BE COMPLETED BY THE BIDDER (type or print)		
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



This amendment is to respond to questions submitted in response to solicitation 5P420-15-5275/A:

A. QUESTIONS AND ANSWERS:

- Q26. Will Parks Canada permit the contractor to run a compressed air line from the road side up to the work area at Cougar Corner? Can an emergency egress trail be constructed to remove the crew from the site in the event the weather closes in and the helicopter cannot fly?
- A26. Contractor is permitted to run a compressed air line from the roadside up to the work area at Cougar Corner subject to the Contractor applying for a Restricted Activity Permit (RAP) and approval from Parks Canada. Contractor will need to include the emergency egress route's design and construction in the RAP for Parks Canada's approval.
- Q27. Does the Rogers Compound area have a proper heliport? Can the crew park their vehicles at this location and be transported to site? Can we fuel and store the helicopter at this location?
- A27. The Rogers Pass Compound area is not available at all for use for this Work. Refer to Addendum #3. Contrary to Addendum #3, helicopter, fuel and support equipment storage at Fidelity Campground is permitted. The Contractor will be responsible for setting up his equipment in the permitted area at Fidelity Campground.
- Q28. Will the waste materials from site excavation (i.e. brush, grubbing, common excavation, drill cuttings and scaled rock) need to be removed off the mountain side or can they be secured within the work area?
- A28. All waste materials are to be disposed of outside of the National Park by the Contractor unless authorized by the Departmental Representative.
- Q29. Section 01 35.29.06 1.12.2 "The contractor shall employ ACMG certified mountain guides and SPRAT or IRATA certified rope access technicians as necessary to ensure safety of workers". Does this apply to all workers up on the job site at Cougar Corners?
- A29. Refer to Amendment #5.
- Q30. Section 33 42 36 1.3.1 "Payment will be made for nets that are supplied but not installed into the work up to the quantity in the contract, or above at the discretion of the Department Representative". Is the supplier supposed to ship enough product to match the proposed design layout as stated on pages 3 and 4 of Amendment 001 and prorate the supply price into the tender amount of 1971 lineal meters? Or is the supplier to supply only 1,971 meters of product?
- A30. Refer to Section 33 42 36, Clause 1.3.
- Q31. Section 33 42 36 2.1.2 - Supply & Storage. Please clarify how the contractor can deliver and store the snow nets by March 18. Can the contractor deliver the snow nets to site after the approved working drawings?
- A31. Refer to Amendment #3.
- Q32. Is there a record of unexploded ordnances in the work area? Does the removal or detonating of unexploded ordnance once located within the work site get paid for under the Prime Cost Sum?
- A32. There are a number of unexploded ordnances in the area. A detailed list of these unexploded ordnances will be provided to the Contractor following Contract Award. The Contractor is responsible for performing a detailed ground survey according to Section 33 42 36, Clause 2.1.3 of the extents of their construction footprint.
- Q33. Will the owner consider completing the project over a two-year period (completing in September 30, 2017?)
- A33. No.



Q34. Sec 01 21 00 – Prime Cost Sum questions:

- a. 1.3.4.4 - What work does this refer to (field varication of net anchors)?
- b. 1.3.4.7 - Are you referring to material other than those described in BGC's report?
- c. 1.3.4.8 - Are you referring to the existing rock, loose rock and danger trees within the work zone or items outside the work zone?
- d. 1.3.4.9 - If our geotechnical engineer accesses the existing work site and needs scaling and rock bolting, is this paid under the Prime Cost Sum or does this refer to some other issue that might arise during our review to ensure a safe work sight?
- e. 1.3.4.10 - What items does this refer to? Does this refer to any footings deemed necessary to field fit the snow nets?
- f. 1.3.4.13 – Does this refer to additional net fabric to span openings under the fence?
- g. 1.3.4.15 – Does this refer to portable sign boards in addition to Sec 01 35 00.06 1.7.10?
- h. 1.3.4.17 – Define additional PCA Staff? How many are we required to train?

A34.

- a. This refers to any additional geotechnical work that is required for the specific Netting or RACs design to verify that the rock/soil in the specific location is suitable for anchoring and under what specific engineering requirements.
- b. This refers to the areas and work described by the BGC Report.
- c. These may be outside of the work zone if they impact the long term operational life of the netting system or represent a risk to maintenance and operational staff into the foreseeable future.
- d. With the exception of the scaling related to site access as described in section 33.42.36.2.2.6, all other scaling work required to address long term operational safety of the site including additional rock bolting will be covered under Prime Cost Sum as approved by the Departmental Representative. The Departmental Representative will take into consideration all additional geotechnical studies in making his/her decision.
- e. This is intended to cover any additional foundations that may be required due to unforeseen geotechnical issues not considered in the BGC Report provided.
- f. It refers to additional snownets and any components deemed necessary by the Departmental Representative for future servicing.
- g. Yes.
- h. With respect to the Snow Netting, no specific training requirements are noted in the Tender since training is not a usual part of a netting installation. This line has been included in the Prime Cost Sum section to facilitate training if the design requires it and the number of staff would be based on need. The bidder should consider if their design will include a training component and if so, who would be part of the training from a Human Resources Structural perspective.

Q35. Section 33 42 36 2.3.1 – Does this mean that any rock bolting required to ensure a safe work site and to safe guard against future damage to the new snow net installation is paid for under the Prime Cost Sum?

A35. Refer to Amendment #5.



Q36. Section 33 42 36 3.8.1 – What permits are you referring to?

A36. This refers to the Restricted Activity Permits (RAP), if required, for the Work.

Q37. Section 33 42 36 3.8.1.1.9 – What inspections and maintenance is the contractor obliged to do during the one-year warranty period? Please clarify?

A37. The Contractor is required to complete all inspections as required by the snow net's manufacturer, as recommended by any of the additional system Design Engineers, or as a result of the studies carried out as part of the installation of the snow netting system.

Q38. Can epoxy resin be used in place of cementitious grout for the rock anchors?

A38. Yes it may be used provided that it has an equivalent life cycle and is approved for use for the environmental and load conditions expected. An equivalent quality assurance program would be needed which would need to be approved prior to the use of epoxy resin by the Departmental Representative.

Q39. Is a full-time environmental monitor required on site?

A39. Refer to Amendment #5.

Q40. Helipads or enhanced landing zones will be required to ensure safe worker access and egress to/from work sites. Landing zone enhancement may be in the form of clearing vegetation and using temporary/removable helipads. Please clarify Parks response to (e_-_amendment_003_-_5p420-15-5275.pdf) Q8 "Emergency shelters and helipads will not be allowed."

A40. Refer to A27 above and Section 33 42 36, Clause 2.2.1.

Q41. Will it be acceptable to fly loads over snow sheds while the road is open?

A41. There are no snowsheds between Fidelity Campground and the project areas. Refer to Section 01 35 00.06, Clauses 1.7.1 and 1.10.2.

Q42. Will lost time/days caused by weather allow a claim to extend the contract completion date?

A42. Refer to Amendment #5.

Q43. Can Parks Canada please provide the Lidar data used in the provided mapping in order to assist with costing?

A43. The Lidar data will be provided to the successful bidder only, if required.

Q44. The dud search using metal detector (as specified) may end up leading to a high number of false readings from the extensive shrapnel that is commonly found in areas where artillery based avalanche control has been used for several years. Can Parks provide Cougar target locations, the number of potential unexploded ordinances (duds) that it knows about and an approximate number of artillery control missions that have been completed for the Cougar paths?

A44. Refer to A32 above.

Q45. In the lump sum table on the 1st addendum there is "Traffic Accommodation". What exactly is that in reference to? What does it entail?

A45. Refer to Section 01 35 00.06.

Q46. The site access roads, is this provided by Parks Canada or will it be on the lowest bidder to look after?

A46. Site access roads to the project area are not necessary for the Work. No road construction will be permitted.



Q47. Is the helicopter platform provided by Parks Canada or is that again the responsibility of the lowest bidder?

A47. Parks Canada will provide an area for construction staging. The Contractor is responsible for the adequacy of the area for the Work.

All other terms and conditions remain the same.