



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

007

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

Comments - Commentaries

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 Lodge & Service Station Abatement, Demolition and Remediation - Rogers Pass West, Glacier National Park		
Solicitation No. - No. de l'invitation 5P420-17-5464/B		Date: February 26, 2018
GETS Reference No. - No de reference de SEAG PW-18-00813590		Amendment No. - N° de la modif. 7
Solicitation Closes:		
at - á 02:00 PM	on - le March 1, 2018	Time Zone - Fuseau horaire MST - HNR
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 : Rebecca Chen		
Telephone No. - No de téléphone (403) 292-8509		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	
Titale - Titre	
Telephone No. - N° de telephone: _____	
Facsimile No. - N° de télécopieur: _____	
Signature	Date

Amendment 07

This amendment is being raised to distribute questions and answers.

A) QUESTIONS AND ANSWERS

Q28 In multiple sections of the ITT a geotechnical engineer is required to inspect various material. Is the contractor responsible for providing a geotechnical engineer? Reference: Section 02 41 16: 3.4.2, Section 02 50 00: 1.2.23, Section 31 22 13: 2.1.1.1, Section 31 23 33.01: 3.9.1

A28 Yes, the contractor is responsible for providing a geotechnical engineer as applicable. The intent here is twofold and is **(1)** to ensure that the contractor is following appropriate slope/shoring requirements during excavations based on the applicable guidelines/regulations and if required based on the recommendations of a geotechnical engineer and, **(2)** to ensure that the backfill materials used are of appropriate grade/quality and compacted to appropriate specifications given the known future use(s) of the site (washroom building behind service station, day use area, visitor parking/roadway, etc.).

Q29 What are the sampling parameters for groundwater? Is the contractor required to sample strictly hydrocarbons, or are metals an impact of concern as well? Reference Section 01 33 00: 1.3

A29 Groundwater sampling should only be required for dewatering activities (and disposal or discharge). The contractor should consult the previous environmental investigations/reports for groundwater sampling parameters and results onsite and sample for the same suite of parameters. Generally, this consists of a variety of hydrocarbons and metals analysis. If planning on discharging this water onsite, the contractor **must** consult with the WSP Construction Supervisor and PCA Project Manager prior to doing so to ensure the appropriate parameters have been selected for analysis. The results of these samples must be provided to both WSP and PCA prior to discharge.

Q30 Is there an identified thickness for the current asphalt pavement on site?

A30 Although the exact thickness is not known (and most likely varies across the entire site due to numerous historical paving and patching improvements) it is estimated that the asphalt thickness is approximately 125mm ± 25mm.

Q31 As WSP will already be on site, could we hire them to perform any consulting, testing, etc works?

A31 No, WSP has been secured by Parks Canada as a third party consultant to act on behalf of and the best interest of Parks Canada. They will monitor and verify the successful contractors work. As such, if they were also secured by the contractor, there would potentially be a conflict of interests.

Q32 At what time of year does the ground typically thaw?

A32 This is highly variable and mainly depends on annual snowfall and late season temperatures. The snowpack actually acts as an insulator however as the majority of the site will need to be plowed to allow for building abatement and demolition, this insulator will be removed causing the freeze layer to penetrate deeper. The daily average temperatures (over the past ~30 years) for Rogers Pass rise above zero in April however to be conservative, it is safe to assume that the ground will be frozen until mid-late May.

Q33 Is there a water source on site? Hydrant?

A33 Yes, there is a stand-pipe that can be used by the successful contractor for **non-potable** water.

Q34 As the unit price table only includes the asbestos, as noted in brackets, are we to include the other hazardous materials in the base bid?

A34 Yes. As previously indicated in A8, no paints are considered or required to be disposed of as hazardous wastes. The contractor should consult the WSP Hazardous Materials and Designated Substances Survey Report for a summary of other hazardous materials (other than asbestos) which may be required to be removed and disposed of as Hazardous wastes and include this in their base bid.

Q35 Does Parks Canada expect soil contamination that would be characterized as hazardous waste?

A35 It is currently unknown if highly contaminated soil will be excavated which requires disposal as hazardous wastes. Based on the previous environmental investigations and remedial excavations performed onsite, it is not anticipated that large quantities of contaminated soil characterized as hazardous wastes will be encountered however, Parks Canada has included a conservative estimate of 100 m³ to the amended unit price table in Appendix 3, provided in amendment 5.

Q36 If so, what method will be used to characterize soil during excavation to determine whether it exceeds Industrial Level contamination?

A36 Please refer to A21, amendment 5. The successful contractor is required to employ an environmental consultant to develop/implement this methodology as per applicable standards and guidelines. Parks Canada and/or WSP will perform quality assurance and quality control to ensure these methods are adhered to and appropriate.

Q37 Does Parks Canada anticipate soil stockpiles on site or the soil to be "live loaded" for disposal?

A37 It is likely that clean soil will be removed in order to reach contaminated soil, this clean soil should be re-used for backfilling material and as such will be required to be stockpiled on site. Soil stockpiles may also be required to properly classify and segregate contaminated soils for appropriate disposal.

Q38 Has Parks Canada had any professional estimates on groundwater flow at the site that estimates a total of 10,000 litres of infiltration over a period of weeks? Would Parks Canada be able to confirm with an engineer or hydro-geologist that this reasonable estimate?

A38 No, this 10,000 litre estimate is purely an estimate and its main intention is to provide a common number for prospective bidders to produce a unit price from. In addition to groundwater infiltration, rainfall in Rogers Pass is highly variable and could be a significant source to excavations requiring dewatering. As such, surface water management will be a large component to reduce unnecessary dewatering.

Q39 Does Parks Canada have any data on levels of groundwater contamination and whether groundwater is taking contamination from a source to the periphery over a period of time?

A39 Within the tender package, Parks Canada has provided all prospective bidders with multiple previous environmental investigations (including multiple years of groundwater monitoring data) for the site. Although the "source" and estimated location(s) of contaminated soil and groundwater is mostly stable, trends over the past ~15 years indicate migration in line with the groundwater flow direction (towards the northeast).

All other terms and conditions remain unchanged.