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Parks Canada Agency Bid Receiving Unit
National Contracting Services
220 - 4 Avenue S.E., suite 720
Calgary, AB T2G 4X3
Bid Fax: (866)246-6893

**AMENDMENT /
 MODIFICATION 005**

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
220 - 4 Avenue S.E., suite 720
Calgary, AB T2G 4X3
Bid Fax: (866)246-6893

Title-Sujet Tunnel Mountain Village 1 Rehabilitation – Banff National Park		
Solicitation No. - No. de l'invitation 5P420-18-0210/A	Date: August 16, 2018	
GETS Reference No. – No de reference de SEAG PW-18-00836655	Amendment No. - N° de la modif. 005	
Solicitation Closes:		
at – á 02:00 PM	on – le August 23, 2018	Time Zone - Fuseau horaire MDT - HAR
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>		
Address Inquiries to: - Adresser toute demande de renseignements à : Andrea Major andrea.major@pc.gc.ca		
Telephone No. - No de téléphone (403) 292-5451	Fax No. – No de FAX: (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	
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Telephone No. - N° de telephone:	_____
Facsimile No. - N° de télécopieur:	_____
Signature	Date

Amendment 005

This amendment is being raised to distribute questions and answers submitted via email.

A) QUESTIONS AND ANSWERS

- Q1. Will we require flagging at the site entrance if the extent of construction traffic is just gravel delivery? I assume large RV's enter and egress this site during camping season without flagging and they are similar in size.
- a. Section 01 35 31 – 1.6.2 – This states we need flag persons whenever entering or egressing the site.
 - b. Will we be required to have a flagger posted at the site entrance if only 4-5 trucks are entering and egressing daily?
- A1. The contractor will be responsible for maintaining access and safe operation of all spaces open to public use when those areas are also used by any construction vehicles or construction activities. This including the main access road to the campground and kiosk area. Depending on traffic, the contractor may wish to provide additional traffic control measures to meet this requirement or prevent delays to through traffic.
- Q2. Details on drawing C-301 show excavation beyond the bottom of road structure for entire road widths, including outside trench areas.
- a. Are we over excavating beyond the existing road structure?
 - i. If so, what is the minimum depth of over excavation anticipated?
 - ii. Will we have to import fill back up to underside of road structure?
 - b. Detail B C-301 shows the pipe excavation including the ex. Sanitary main and the area looks to be backfilled with import.
 - i. Will this be required?
- A2: Yes, minimum is expected to be 150mm, but it may be higher in certain locations. Yes, fill will need to be imported for backfill.
- Whatever is required to both install new utilities and remove the existing sanitary main will be required. In the roadway, it is classified as Class I backfill as per the specifications.
- Q3. The contractor is to provide a site office for the Department Representative; does this office need to be separate from our construction office?
- A3. The Department Representative's office can be in a shared trailer but must be an independent unshared room and allow for separate access to be controlled by the Department Representative.
- Q4. Pay Item A4 – All other Work Not Included in Unit Price Table = 1 LS
- a. If used, will this pay item be paid in full and paid as a percentage of the construction progress on a monthly basis?
- A4. Upon contract award, the contractor will be required to provide a breakdown of items included under this item to the satisfaction of the Department Representative. Payment will be approved based on actual completion of those items.
- Q5. There is a discrepancy between Section 01 14 00 – Work Restrictions and Section 31 24 13 – Roadway and Drainage Excavation. The prior states native soils to be disposed of at Mannix Pit in the park while the latter states they are to be disposed of offsite. The same goes for removal of granular road materials. One states they are to be removed to within 15km in the park while the

latter states disposal outside the park. Please clarify.

A5. Refer to Tender Response A3.

As per Section 01 14 00 Clause 1.11.4 all waste granulars (excluding those containing asphalt) are to be stockpiled inside the Park within 15 kms of the site at a specific location to be identified by the Departmental Representative.

Q6. Please clarify the location of Peyta Pit.

A6. Peyto Pit is located approximately 2 kms east of the campground's main entrance.

Q7. Please confirm areas of roadway being repaired will require the top 150mm to be scarified and compacted to 100% SPD and that this is incidental to the roadworks.

A7. As per section 31 24 13 Clause 1.4.4 and Clause 3.4.9. Subgrade preparation as noted is incidental to the works.

Q8. Please confirm removal and replacement of unsuitable subgrade will be paid under the Prime Cost Sum pay item.

A8. As per Section 31 24 13 Clause 1.4.5 the removal and replacement of unsuitable sub grade material will be included under the Prime Cost Sum. Although noted under roadway excavations, this principle will also apply for trench bottoms and other sub grade items.

No payment will be made for the removal or replacement of unsuitable sub grade material unless there has been prior approval from the Departmental Representative.

Q9. Will topsoil in Item B1 be used for pay item B15 planting and seeding or are we expected to provide additional topsoil incidental to item B15?

A9. Additional topsoil required as a result of increased disturbance is to be incidental to item B15. Additional topsoil above what is required to restore all disturbed areas, which is imported at Parks Canada's request shall be paid out under item B1.

Q10. Is hydroseed acceptable instead of mechanical seeding?

A10. Hydroseeding is not an acceptable alternative to mechanical seeding.

Q11. Are the water hydrants to be epoxy coated?

A11. Hydrants are to be coated to City of Calgary specifications. The exterior of the hydrant, to 300mm below grade will be coated with a Type C Coating, which is a liquid epoxy base with a finish coating of liquid alkyd enamel or liquid modified polyurethane copolymer. The exterior of the remainder of the hydrant will be with a Type B coating which is a liquid epoxy.

Q12. For the crack sealing, is hot or cold applied preferred?

A12. Hot pour crack sealing in accordance with Alberta Transportation Specification 3.31 and Section 32 01 11 of the specifications is required.

Q13. Bid Item B.4. Where is this 4,500m³ of material generated from?

A13. This is excess trench material beneath the road base as part of utility installation which is not topsoil.

Q 14. On print E-102 the transformer in the middle of the print that is beside a Telus PB, Com PB, and a Meter stack, has a 100mm conduit going to washroom building C. Is the 3c feeding that washroom a 3c #4/0 or is it a 3c #400MCM?

A 14. The 3c cable noted above supplying Washroom C from the transformer is to be corrected to be 3c#4/0 rather than 3c#4/0MCM as it currently shows. The IFC drawings will be corrected to show this change.

Q 15. I would like to know what the Utility company is responsible for? Is the Utility company responsible for removing the overhead lines, completely removing the power poles, and cut and haul power pole. Or is this all looked after by the Electrical contractor? Is the removal of the Telus booths done by the Electrical contractor or by others

A15. Fortis will only be responsible for:

- De-energization of electrical system
- Removal of existing transformers and meters
- Any existing electrical system abandonments/removals required within the high voltage primary electrical lines right of way
- Installation of new primary cables within newly installed conduits by contractor
- Installation of new transformers (excluding base and grounding grid) and meters

The contractor shall assume responsibility for all other work not identified above, including all removals/abandonments. Removed cable to returned to Fortis for salvage.

Telus will only be responsible for:

- Installation of new phone line cables within conduits installed by contractor

The contractor shall assume responsibility for all other work not identified above, including all removals/abandonments. Of additional not, the fibre optic system identified on site is the property of Parks Canada and all work associated with that system is to be completed by the contractor as part of the project.

Q16. They would like to know if ATCO will be involved in this project in terms of moving utilities.

A 16. Atco is not involved in this project as all gas lines on site belong to Parks Canada. The contractor is responsible for completing all work on the gas system as identified in the design package.

Q17. For water tie-in to washrooms I see the notes on the drawings say connection to be made 0.5m outside of building; what is expected for the water tie-in at the lift station (and possible the front kiosk) where the existing water service is on the opposite side of the building?

A17. The anticipated tie-in points for the lift station and kiosk building are shown on drawing C-112. As per section 33 14 16 - 1.2.4, a water service hydro-vac confirmation of the alignments and inverts at the washroom and kiosk structures will be completed by the contractor to confirm tie in location and possible conflicts. The contractor shall also verify the alignment and inverts of the water service entering into the lift station building.

For the lift station building, the contractor may tie into the existing water service line anywhere between outside 3 meters south of the proposed fire hydrant and 0.5m of the shown proposed tie-in location with the building.

For the kiosk building, the contractor shall bring a new water service into the mechanical room of the kiosk building. Upon investigation of feasibility, Parks Canada may approve the contractor to install the waterline into the kiosk building from the east side of the building if it will not have a negative impact on the building.

- Q18. Does asphalt need to be milled or can it be removed with conventional equipment
- A18: Asphalt can be removed by any method (milling or conventional equipment), a clean joint line will need to be provided with a saw cut were removals end.
- Q19. Is all clearing, grubbing, and tree removal (if required) paid under the PC Sum?
- A19: As per section 31 11 00 Clearing and Grubbing is incidental to the work and not measured for payment separately.
- Q20. Question regarding Bid Item B7, B8 references to 150mm GBC, 300mm GBC, etc.
Are these structures 100% 25mm crush or is there a 75mm crush component to them?
- A20: Use AT Designation 2 Class 20mm Base Course Aggregate for the full structure as per section 32 11 24.
- Q21. On print E-101 washroom building K does not have a meter assigned to it. Is every washroom building supposed to have its own designated meter?
- A21: Dwg E101 shows a transformer and feeder conduit to washroom K (all washroom buildings show one. Dwg E301 shows a meter for each washroom building in the Single Line Diagram.

All other terms and conditions remain unchanged.