



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS Á:

Parks Canada Agency
1300 - 635 8 Ave SW
Calgary, AB T2P3M3
Bid Fax: (403) 292-4475

INVITATION TO TENDER

APPEL D'OFFRES

AMENDMENT / MODIFICATION

003

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

Comments - Commentaries

Issuing Office - Bureau de distribution

Parks Canada Agency
Suite 1300
635 - 8 Ave SW
Calgary, AB T2P3M3

Title-Sujet Illecillewaet Curve Safety Improvements TCH km 24.1 - 28.3 Glacier National Park		
Solicitation No. - No. de l'invitation 5P420-16-5135/A		Date: August 17, 2016
GETS Reference No. - No de reference de SEAG PW-16-00739720		Amendment No. - N° de la modif. 003
Solicitation Closes:		
at - á 02:00 PM	on - le August 24, 2016	Time Zone - Fuseau horaire MDT - HAR
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 : Nathaniel Harrison - nathaniel.harrison@pc.gc.ca		
Telephone No. - No de téléphone (403) 292-4572		Fax No. - No de FAX: (403) 292-4475
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 3

This amendment has been issued to replace Annex A – Price Form, answer questions from bidders and revise the tender package.

A. Questions

- Q4.** What is the volume of asphalt millings required for stockpile at Fidelity Rd?
A4. Millings required for Fidelity have been stockpiled already and no more are required.
- Q5.** Clear and Grub: Where does the chipped material get disposed of? Is the owner going to remove the timer prior to contractor grubbing as they own the wood? "Clearing is by others." Does this include clearing debris removed by others?
A5. The Contractor is responsible for disposing of cleared timber as identified in Section 31 11 00 Clearing and Grubbing 1.2.3. Disposal of chipped material to be as per 3.4.1.
- Q6.** Stripping: The grubbing limits are 5m inside of the clearing limits. Is this line also the limit of stripping or is the stripping limit at or on the slope stake line?
A6. Grubbing limit is stripping limit unless otherwise directed by the Departmental Representative.
- Q7.** Where are we to screen and stockpile stripping? Where does the stripping and excavation waste get hauled to?
A7. Contractor to screen and stockpile strippings within the limits of the Work. See 31 24 00 Roadway & Drainage Excavation.
- Q8.** In the Summary of Work, 1.6 – Work by Orders, 1.6.3 – Which pit are you referring to? And what is anticipated to obtain from or to it?
A8. See revised specifications.
- Q9.** 5- Gravels: The scope of work indicates contractor supply, however the specifications 31-11-20 and 24 (which prevail) indicates loading, hauling and placing only. Please clarify. Does this material come from the pit mentioned in 1.6.3 and where is this pit?
A9. See revised specifications.
- Q10.** 14- Retaining Wall: Please explain the reasoning behind the need for a designed engineered wall when it is less than 2m high.
A10. Refer to section 32 32 34 Reinforced Soil Retaining Walls.
- Q11.** 15- Gun positions: Where does the G.A.P. get installed?
A11. The exact location of the gun position and gun aiming post is to be determined by the Departmental Representative.
- Q12.** In Section 31 11 00 – Clearing & Grubbing, paragraph 3.4 (.2) it states that all stumps and grubbed material shall be grinded onsite prior to removal by Contractor. If we want to haul the bulk product from site first rather than grinding on site will Parks allow us to do this?
A12. See revised specifications.
- Q13.** In Section 33 42 13 – Pipe Culverts, paragraph 1.1.4 it states that "All work required as part of the installation of CSP Culverts and extensions, including excavation, asphalt concrete pavement, sawcutting, milling and granular subbase and base course shall be considered incidental to the work and no additional payment to be made." However, paragraph 3.7.1 states "Where trenches are cut into existing pavement structures, backfill will match the existing materials and thickness, payment for backfill and paving will be made at the unit price for the type of material used." Also, Section 31 24 00 – Roadway & Drainage Excavation paragraph 1.2.1.2 states that "This item consists of the excavation and disposal of all materials in conformity with the lines, grades and dimension indicated on the drawings and as directed by the Department Representative and includes: Roadway, culvert and borrow excavation." These three statements are in conflict with each other. It seems that in

other PCA contracts that all aspects of the culvert excavation, installation, backfill and restoration are covered by the applicable unit prices for the work being done. Should this not be the case for this project?

A13. See revised specifications.

Q14. With respect to Drawing 701 – Culvert Installation Table, can you please confirm that Culverts #19 to #23 are not included in the work? In addition, the total “new” culverts on this table add up to 339.10 meters whereas the Unit Price Table Items 7b and 7c add up to 371.00 meters. The 145 meters of 900 CSP extensions does not make sense and there is no pay item for 600 mm CSP (non-extension).

A14. See revised Annex A Price Form. Culverts #19 to 23 are to be cleaned as per Drawings Reference 701 Sheet No. 28. Note that Contractor to verify all culverts in field prior to ordering.

Q15. One of our clearing & grubbing subcontractors is asking questions about how the License to Cut and Stumpage is applied for work within the Park boundaries. Are there stumpage fees and a license to cut required for this work? Is this something that would be covered by the Prime Cost Sum?

A15. Timber marking is required by Parks prior to removal from the Park.

Q16. In regards to 31 11 00 Paragraph 1.2.3 “Removal and disposal of previously felled timber to be incidental...”, where is the timber to be disposed to? Is it to be hauled to a location within Glacier NP? In reference to question 1 above, timber cannot be removed, transported or sold in BC without a license to cut or stumpage fees. Is timber from Federal Land exempt from this requirement?

A16. Refer to Section 31 11 00 3.4 and Question 15.

Q17. Who performed the existing clearing that was done on the curve?

A17. Existing clearing was completed by Chatter Creek Holdings Ltd.

Q18. Who is responsible for AIA?

A18. PCA will complete the AIA. The Contractor is to refer to the revised Specifications and provided Archaeological Impact Assessment Letter of Clearance and ensure all Works are conducted accordingly.

Q19. Gun position construction, is the fill for this line item on item 2 (b) (d) or is it paid on item 15?

A19. Fill for Gun Positions is to be paid as per Section 34 72 00 Clause 1.1. Refer to, among other sections, Clause 1.1.5, Clause 1.1.6, Clause 1.1.7.

B. Tender Package Revisions

Specifications:

Remove:

20160723 Illecillewaet Curve Improvements - Specifications Rev 1

Replace with:

20160812 Illecillewaet Curve Improvements - Specifications Rev 2

Reference Drawings:

Status	Drawing Reference No.	Sheet No.	Title
Add	001 (Rev PD 2016.07.28)	02	Location Plan
Add	603 (Rev PE)	24	Signage & Pavement Markings TCH STA 23+900 – 24+550
Add	604 (Rev PE)	25	Signage & Pavement Markings TCH STA 24+550 – 25+850
Add	605 (Rev PE)	26	Signage & Pavement Markings TCH STA 25+850 – 27+150

Add	606 (Rev PE)	27	Signage & Pavement Markings TCH STA 27+150 – 28+450
Add	851 (Rev PF)	29	Clearing & Grubbing TCH STA 20+650 – 21+950
Add	852 (Rev PF)	30	Clearing & Grubbing TCH STA 21+950 – 23+250
Add	901 (Rev PA)	30	East Gate Landslide Borrow Excavation Area Trans-Canada Highway STA 2+900 – 4+200
Delete	001 (Rev PA)	02	Location Plan
Delete	603 (Rev PD 2016.06.16)	24	Signage & Pavement Markings TCH STA 23+900 – 24+550
Delete	604 (Rev PD)	25	Signage & Pavement Markings TCH STA 24+550 – 25+850
Delete	605 (Rev PD)	26	Signage & Pavement Markings TCH STA 25+850 – 27+150
Delete	606 (Rev PD)	27	Signage & Pavement Markings TCH STA 27+150 – 28+450
Delete	851 (Rev PE)	29	Clearing & Grubbing Trans-Canada Highway STA 20+650 – 21+950
Delete	852 (Rev PE)	30	Clearing & Grubbing Trans-Canada Highway STA 21+950 – 23+250

Reference Documents:

Remove:

Final Preliminary Geotechnical Report – TCH – Illecillewaet Curve/Summit Ponding at Roger's Pass GNP, BC – June 2, 2016

Replace with:

Final Geotechnical Report – Illecillewaet Curve/Summit Ponding at Roger's Pass GNP, BC - July 27, 2016

Add:

LETTER OF CLEARANCE: Archaeological Impact Assessment; Rogers Pass National Historic Sites (RP NHS) within Glacier National Park (GNP) Canada Federal Infrastructure Improvements – August 4, 2016

Add:

Fish Habitat Assessment, DFO Self-Assessment and Detailed Mitigations Summary

C. Bid Price Form

Revisions were made to Unit Price Table. Changes are shown in red.

THE ATTACHED PRICE FORM MUST BE USED IN ORDER FOR A BID TO BE DEEMED RESPONSIVE. ANY BIDS SUBMITTED USING THE PREVIOUS PRICE FORM WILL NOT BE ACCEPTED.

All other terms and conditions remain unchanged.

ANNEX A PRICE FORM

- 1) The prices per unit shall govern in establishing the Total Extended Amount. Any arithmetical errors in this Appendix will be corrected by Canada.
- 2) Canada may reject the bid if any of the prices submitted do not reasonably reflect the cost of performing the part of the work to which that price applies.

LUMP SUM TABLE

Note: Bidders are reminded that it is their responsibility to include in their bid all work as described in the drawings and specifications. Pricing for work not accounted for in the Unit Price Table including but not limited to Mobilization, De-Mobilization, etc. is to be included in the Lump Sum Table.

Item No.	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity	Estimated Total Price (Tax extra)
1	01 25 00	Mobilization / De-mobilization	Lump Sum	1	\$ _____
2	01 35 31	Traffic Accommodation	Lump Sum	1	\$ _____
3	01 21 00	Prime Cost Sum	Lump Sum	1	\$850,000.00
TOTAL LUMP SUM AMOUNT (LSA) Transfer amount to subparagraph 1) (a) of BA03					\$ _____

UNIT PRICE TABLE

The Unit Price Table designates the Work to which a Unit Price Arrangement applies and the Lump Sum Amount designates Work to which a Lump Sum Arrangement applies.

- (a) The Price per Unit and the Estimated Total Price must be entered for each item listed.
- (b) Work included in each item is as described in the referenced specification section.

Item No.	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity	Price per Unit (Tax extra)	Estimated Total Price (Tax extra)
1	31 11 00	Clearing and Grubbing				
		a) Grubbing	ha	4.5	\$ _____	\$ _____
		b) Clearing TCH km 20.6 – 24.3	ha	5.75	\$ _____	\$ _____
2	31 24 00	Roadway and Drainage Excavation				
		a) Stripping and Stockpiling	m3	14,660	\$ _____	\$ _____
		b) Type D Excavation - Place Embankment as Fill	m3	62,700	\$ _____	\$ _____
		c) Type D Excavation – Place Fill from East Gate Landslide	m3	7,800	\$ _____	\$ _____
		d) Type D Excavation - Dispose of Unsuitable Materials	m3	9,930	\$ _____	\$ _____
		e) Imported Fill				

Item No.	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity	Price per Unit (Tax extra)	Estimated Total Price (Tax extra)
3	02 41 99	Asphalt Pavement Removal				
		a) Partial Depth Milling	m2	12,250	\$ _____	\$ _____
		b) Profile Milling	m2	25,000	\$ _____	\$ _____
4	31 37 00	Place 25kg Rip Rap	m3	175	\$ _____	\$ _____
5	31 11 20 31 11 24 31 11 24	BC MoTI Aggregate				
		a) Select Granular Sub-Base (SGSB)	m3	16,900	\$ _____	\$ _____
		b) 50mm Well Graded Base Course (WGBC)	m3	12,600	\$ _____	\$ _____
		c) 25mm Well Graded Base Course (WGBC)	m3	7,000	\$ _____	\$ _____
6	32 12 16	Asphalt Concrete Pavement - EPS a) BC MoTI Class 1 Medium Mix (19mm)	t	21,610	\$ _____	\$ _____
7	33 42 13	Pipe Culverts				
		a) Remove and Dispose CSP Culverts				
		i) 900mm CSP and Smaller	m	64	\$ _____	\$ _____
		ii) 901mm to 1200mm CSP	m	54	\$ _____	\$ _____
		iii) 1800mm CSP	m	46	\$ _____	\$ _____
		b) Supply and Install CSP Culvert Extensions				
		i) 600mm CSP	m	9	\$ _____	\$ _____
		ii) 800mm CSP	m	9	\$ _____	\$ _____
		iii) 900mm CSP	m	94	\$ _____	\$ _____
		iv) 1200mm CSP	m	34	\$ _____	\$ _____
		c) Supply and Install CSP Culverts				
i) 900mm CSP	m	102	\$ _____	\$ _____		
ii) 1000mm CSP	m	66	\$ _____	\$ _____		
iii) 1800mm CSP	m	66	\$ _____	\$ _____		
8	32 91 19.13	Topsoil Placement	m3	10,200	\$ _____	\$ _____
9	32 92 22	Hydraulic Seeding	ha	6.76	\$ _____	\$ _____

Item No.	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity	Price per Unit (Tax extra)	Estimated Total Price (Tax extra)
10	32 17 23	Pavement Markings				
		a) Line Painting	m	25,300	\$ _____	\$ _____
		b) Gore / Hatch Marking	m2	417	\$ _____	\$ _____
		c) Arrows	each	25	\$ _____	\$ _____
11	32 12 16	Milled Rumble Strips	km	9.8	\$ _____	\$ _____
12	10 14 53	Traffic Signage				
		a) Remove and Dispose of Signage				
		i) Single Post Sign	each	7	\$ _____	\$ _____
		ii) Double Post Sign	each	1	\$ _____	\$ _____
		b) Remove and Reinstall Sign Face				
		i) Single Post Sign	each	13	\$ _____	\$ _____
		ii) Double Post Sign	each	1	\$ _____	\$ _____
iii) Triple Post Sign	each	2	\$ _____	\$ _____		
iv) Quadruple Post Sign	each	1	\$ _____	\$ _____		
13	34 71 13.01	Precast Concrete Barriers a) Remove, Stockpile and Reinstall	m	1,850	\$ _____	\$ _____
14	32 32 34	Design-Build Retaining Wall				
		a) Design and Supply	m2	628	\$ _____	\$ _____
		b) Install	m2	628	\$ _____	\$ _____
15	34 72 00	Gun Positions a) Supply and Install Gun Positions	each	2	\$ _____	\$ _____
TOTAL UNIT PRICE AMOUNT (UPA) Transfer amount to subparagraph 1) (b) of BA03					\$ _____	

TOTAL BID PRICE (LSA + UPA):
Excluding Applicable Taxes

\$ _____

Note: Bidders are reminded that it is their responsibility to include in their bid all work as described in the drawings and specifications.