



**RETURN BIDS TO:
RETOURNER LES SUBMISSION À :**

Parks Canada Agency Bid Receiving Unit
National Contracting Services

Bid Fax: 1-866-246-6893

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**REVISION 002 TO A
INVITATION TO TENDER**

**RÉVISION 002 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 : Peyto DUA Parking Lot and Trails – Banff National Park	
Solicitation No. - N° de l'invitation : 5P420-20-0024/A	Date : July 28, 2020
Amendment No. - N° de modification : 002	
Client Reference No. - N° de référence du client :	
GETS Reference No. N° de référence de SEAG : PW-20-00919812	

Solicitation Closes - L'invitation prend fin : At - à : 2:00 PM On - le : August 4, 2020	Time Zone - Fuseau horaire MDT
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F.O.B. - F.A.B. : Plant - Usine : <input type="checkbox"/> Destination : <input checked="" type="checkbox"/> Other - Autre : <input type="checkbox"/>		
Address Enquiries to - Adresser toutes demande de renseignements à : Brinthan Balakumar		
Telephone No. - N° de telephone : 587-832-1894	Fax No. -N° de télécopieur : (866) 246-6893	Email Address – Courriel : Brinthan.balakumar@canada.ca
Destination of Goods, Services, and Construction - Destination des biens, services, et construction : See Herein		

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 :

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Amendment 002

This amendment is being raised to extend the solicitation closing date, distribute questions and answers, to make changes to the tender package, and to replace Appendix 1 – Combined Price Form.

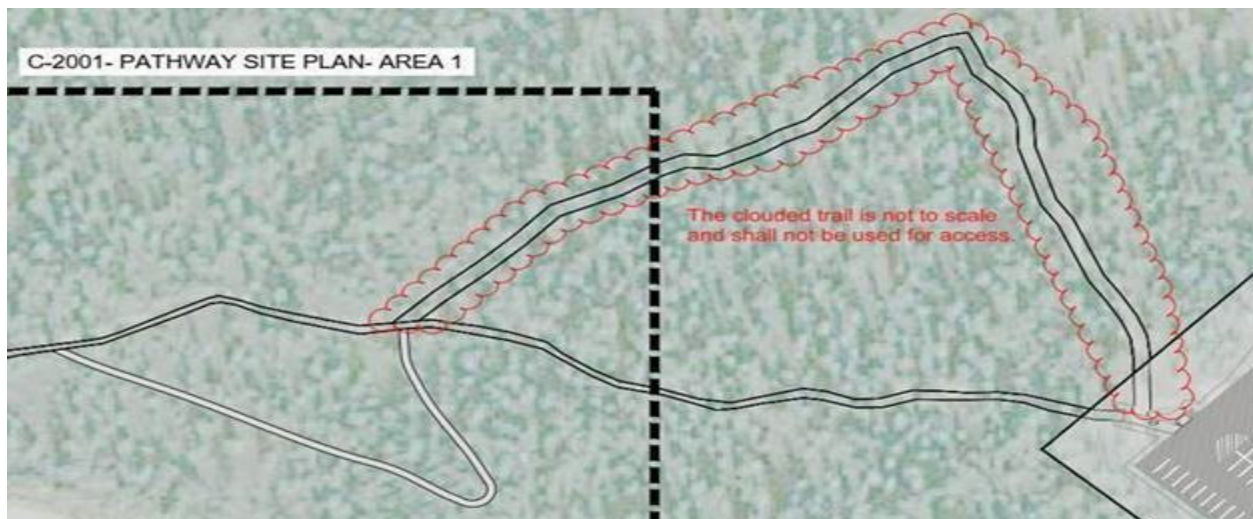
A. Solicitation End Date

The closing date for tender 5P420-20-0024/A is extended from July 29, 2020 to **August 4, 2020 at 2:00PM Mountain Daylight Time (MDT)**.

B. Questions and Answers

Q4) There are two pathways that originate at the lower parking lot and then intersect where the area 1 trail construction starts. Are both of these available for construction access to the area 1 trail?

A4) Please see below snapshot of drawing C-2000 for clarification. The contractor shall use the other existing trails as shown on C-2000 for access. Also note the lower parking lot shown as “NOT IN CONTRACT – WORK BY OTHERS” on C-2000 has been recently paved. The contractor shall be responsible to repair all damage caused to existing trails, parking lots and all other areas.



Q5) Are there any equipment restrictions (weight or dimension) for the construction equipment that would go from the lower parking lot to the area 1 trail? Examples of equipment would include skidsters, excavators, dump trucks, compaction equipment, and paving equipment.

A5) The trail highlighted below ranges in width from approximately 1.25m and 2m. Weight restrictions are unavailable. The contractor shall assess and determine what equipment to use based on site conditions. As per the specifications, the contractor shall be responsible to repair all damage caused to existing trails, parking lots and all other areas.

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Q6) Is construction access permitted on the portion of the trail that is not being worked on between area 1 and area 2 or is this foot traffic only?

A6) The entire highlighted trail in A5 is available for construction access. The contractor shall determine the best method to access as per site conditions except as detailed in A4. As per the specifications, the contractor shall be responsible to repair all damage caused to existing trails, parking lots and all other areas.

Q7) Specifically for the area 1 trail it is highly likely that portions of the existing trail and parking lot will be damaged during construction. Will the PCA pay for any repairs to the lower parking lot or section(s) of trail between the lower parking lot and the area 1 trail that are unavoidably damaged or disturbed due to construction activity? How will this be handled?

A7) As per the specifications, the contractor shall be responsible to repair all damage caused to existing trails, parking lots and all other areas. As stated in A4, note the lower parking lot has been recently paved.

Q8) We also have a question about the rest areas shown on drawings C-2002 and detail 3 on drawing C-2003. The tender has a bid item for the benches but it does not have anything for the rest area construction. How is the excavation, backfill, subgrade prep, gravel, and concrete paid for? Is the concrete precast or cast in place? Is there a reinforcing detail for the concrete? Would PCA consider asphalt as an alternative to concrete?

A8) See *Peyto DUA Parking Lot & Trails - Amendment No. 2 – Drawings*. Concrete work for the rest area has been removed. Details regarding the rest area construction have been revised; all rest areas shall be considered part of the trail including bid item 3.6 “Supply and Install Paved Trail” and 3.7 “Borrow Excavation for trails – Contractors Supply”.

Q9) Drawing C-1005 provides details for the speed bump pavement markings but limited detail for the other pavement markings. Can information and dimensions (length, width, font, etc.) be provided for the wheelchair markings, arrows, stop bars, and ‘BUS’ pavement markings?

A9) As per NOTES: 1. on sheet C-1005 – All signing and marking details shall follow M.U.T.C.D.C and Parks Canada Guidelines. Accessible pavement marking details are shown in *Peyto DUA Parking Lot & Trails - Amendment No. 2 – Drawings*.

Q10) Can you please confirm where exactly in the drawings the 300m³ of common excavation (bid item 3.2) takes place. How many cut locations are there? How many fill locations are there?

A10) Bid item 3.2 – Common Excavation – Cut and fills areas are located at various locations used to expand the existing upper parking lot as shown as the hatched area on sheet C-1006.

Q11) Sections 1+030, 1+040, and 1+060 on drawing C-1008 show fills. What is the fill material (GBC, imported fill, overburden)? Where does it come from?

A11) The common excavation from the cut areas will be used to fill these areas. For the additional material required, use bid item 3.8 “Borrow Excavation for trails – Contractors Supply” in the revised Appendix 1 – Combined price form below.

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Q12) Can chainage be provided for each of the two new trail sections? Only northings and eastings are provided.

A12) Chainages are only available for the accessible trail shown on *Peyto DUA Parking Lot & Trails - Amendment No. 2 – Drawings*. Bid item 3.8 “Borrow Excavation for trails – Contractors Supply” in the revised Appendix 1 – Combined price form below. Note this bid item includes material required for both trails.

Q13) Bid items 3.3 (760 tonnes of GBC) and 3.4 (610 tonnes of ACP) appear to be only for the upper parking lot overlay/expansion and not for any of the trail construction. Can you please confirm if this is correct? Do bid items 3.3 or 3.4 apply at all to any of the trail construction?

A13) Bid Items 3.4 GBC and 3.5 ACP are for the upper parking lot only. The GBC and ACP for the trails shall be supplied by the Contractor to the width's and thicknesses as shown on the plans and in detail 1 on sheet C-2003 and included in the price bid for Bid Item 3.6 – “Supply and Install Paved Trail”. Note updated quantities in the revised Appendix 1 – Combined price form below.

Q14) Detail 1 (“Asphalt Trail”) states “width as per plan” for the finished surface of the asphalt trail. There is no “width as per plan” provided in the drawings. We are assuming 2.0m wide. Can this please be confirmed?

A14) Please refer to drawings C-2001 (2.00 TYP) and C-2002 (2.20 TYP).

Q15) The footprint of the asphalt trail (assuming 2.0m width) is 680m² or 340m long. Our experience working in the mountains is that new trail construction typically requires the removal of 450mm to 600mm of overburden before competent ground is found. 600mm of overburden over an area of 680m² will produce 408m³ of unsuitable material. How is this work paid for?

A15) See revised estimated quantity and unit of measurement in the revised Appendix 1 – Combined price form below. Bid Item 3.1 Stripping Existing Vegetation and Topsoil to reflect an estimated quantity in cubic metres.

Q16) The trail structure is 225mm thick (75mm ACP, 100mm GBC). The overburden that will be removed is likely 600mm thick. This means that 0.375m (deep) x 2.6m (wide) x 340m (long) of imported material will need to be supplied and installed to rebuild the ground up to the underside of the trail structure. The volume is 332m³. How will this be paid for? What material would be used?

A16) See revised estimated quantity and unit of measurement in the revised Appendix 1 – Combined price form below: bid item 3.8 “Borrow Excavation for trails – Contractors Supply”

Q17) Are sections available for each of the new trail sections showing how the new trails tie in to the existing topography.

A17) See *Peyto DUA Parking Lot & Trails - Amendment No. 2 – Drawings* which address the accessible trail, the non accessible trail is per IFT on surface trail. Cross sections for Pathway Improvement Area 2(accessible trail) will be shown on the newly uploaded drawings. Pathway Improvement Area 1 has less extensive work involved and will easily tie into the existing topography.

Q18) Is any fill required outside of the footprint of the trail to tie to existing ground? The elevation changes along the length of the new trail sections appear to be significant.

A18) Yes, it will be shown on the cross sections for Pathway Improvement Area 2(accessible trail) see *Peyto DUA Parking Lot & Trails - Amendment No. 2 – Drawings*.

Q19) The roadway coming into the work area is very worn and broken up. There is 20 tonnes of asphalt in the tender for repairs to the obvious potholes but I do not think the existing road will be able to hand the weight of fully loaded asphalt and gravel trucks that will need to enter the site. Will the contractor be granted indemnity for any damages to the road outside the work area?

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A19) As per the specifications, the contractor shall repair all damaged caused to existing conditions by the contractor. There are no plans to repair the mentioned road. This road has handled large vehicles such as tour company busses and other large construction equipment.

Q20) We have a question about the fence. Can RSS rugged structural screws be used as an alternate to the carriage bolts that are specified? Here is the info for the proposed alternate:

<https://www.grkfasteners.com/products/rss-rugged-structural-screw>

Benefits are:

- Efficiency, the drawing calls for 4 bolts per horizontal fence board, with the fence being 280 +/- sections, that means there will be 3360 holes drilled through the posts and the boards. Which is very labor intensive.

A20) Rugged structural screws is not an approved alternate material. Carriage bolts are more labor intensive, however less chance of posts and planks splitting in the future with a drilled hole for the bolts. Contractor shall supply and install carriage bolts as per tender documents.

- Durability, by not drilling holes the entire way through the post, it leaves less area for moisture to work its way into the post.

A20.1) Cedar posts and planks are used for their durability and resistance to moisture.

- Safety, by using a 4" GRK RSS screw, it will not have anything protruding through the back of the post leaving a clean hazard free finish.

A20.2) As per detail 6 on drawing C-2003, the back of the post has nothing protruding. Contractor shall supply and install carriage bolts as per tender documents.

B. Tender Package Revisions

1) Drawings

ADD: *Peyto DUA Parking Lot & Trails - Amendment No. 2 – Drawings*

2) Specifications

IN: Section 01 27 00

DELETE: 3.3.2

REPLACE WITH:

Payment for this item shall be compensation in full for the Work required, including but not limited to the supply and installation of the benches complete with anchors, lumber, planks, posts, cast-in-place or pre-cast asphalt platform, and hardware; including all labour, equipment and materials, and any other incidental work for which payment is not specified elsewhere

3) APPENDIX 1 – COMBINED PRICE FORM (see following page)

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.

CHANGES ARE SHOWN IN RED.

DELETE: *APPENDIX 1 – COMBINED PRICE FORM* in its entirety

REPLACE WITH: See attached

ALL OTHER TERMS & CONDITIONS REMAIN UNCHANGED

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APPENDIX 1 - COMBINED PRICE FORM

- 1) The prices per unit will 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.

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.

LUMP SUM

The Lump Sum Amount designates Work to which a Lump Sum Arrangement applies.

- (a) Work included in the Lump Sum Amount represents all work not included in the unit price table.

Item	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Total amount (applicable tax(s) extra)
1	01 27 00	Mobilization and demobilization	Lump Sum	\$
LUMP SUM AMOUNT (LSA) Excluding applicable tax(s)			\$	

COMBINED PRICE TABLE

The Unit Price Table designates Work to which a Unit Price Arrangement applies.

- (a) Work included in each item is as described in the referenced specification section.
- (b) The Price per Unit shall not include any amounts for Work that is not included in that unit price item.

Item	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable tax(s) extra (PU)	Extended amount (EQ x PU) applicable tax(s) extra
1	Demolition					
1.1	Contract Drawings, 02 41 13	Remove and Dispose Existing Trail (Portion)		390	m ²	\$
1.2	Contract Drawings, 02 41 13	Remove, Salvage, Relocated and Disposed Existing Features		1	LS	\$
2	Site Furnishings					
2.1	Contract Drawings, 06 10 00, 06 10 53	Supply and Install 1100mm HIGH Fences		520	m	\$
2.2	Contract Drawings, 06 10 00, 06 10 53	Supply and Install Benches		2	each	\$

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Item	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable tax(es) extra (PU)	Extended amount (EQ x PU) applicable tax(es) extra
2.3	Contract Drawings, 03 01 30.52, 03 10 00, 03 20 00, 03 30 00, 03 35 00, 03 41 00, 06 10 00, 06 10 53, 07 61 00, 07 62 00, 07 92 00, 08 11 00, 08 71 00	Supply and Install Washroom/ Privy Structure	1	each	\$	\$
2.4	Contract Drawings (SK-00 to SK-08), 06 10 00, 06 10 53,	Supply and Install Benches on Viewpoint	3	Each	\$	\$
3	Earth and Surface Works					
3.1	31 14 13	Stripping Existing Vegetation and Topsoil	770	m ³	\$	\$
3.2	31 22 13, 31 22 16.13, 31 23 33, 31 23 33.01, SP	Common Excavation	150	m ³	\$	\$
3.3	31 11 23	Supply and Install Granular Base Course	760	tonnes	\$	\$
3.4	32 12 13.16, 32 12 13.23, 32 12 16	Supply and Install Asphalt Paving	610	tonnes	\$	\$
3.5	Contract Drawings , 31 22 13, 32 11 23, 32 12 13.16, 32 12 13.23, 32 12 16	Supply and Install Paved Trail	940	m ²	\$	\$
3.6	32 12 13.16, 32 12 13.23, 32 12 16, SP	Asphalt Pavement - Surface Patching	20	tonnes	\$	\$
3.7	31 22 13, 31 22 16.13, 31 23 33, 31 23 33.01,	Borrow Excavation for Parking Lot - "Contractor Supplied"	290	m ³	\$	\$

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Item	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable tax(es) extra (PU)	Extended amount (EQ x PU) applicable tax(es) extra
3.8	32 22 13, 31 22 16.13, 31 23 33, 31 23 33.01,	Borrow Excavation for Trails - "Contractor Supplied"	470	m ³	\$	\$
4	Traffic Control					
4.1	Contract Drawings, 10 14 00, 32 17 23, 32 12 16, SP	Traffic Control Features	1	LS	\$	\$
5	Landscape					
5.1	Contract Drawings, 32 93 10	Supply and Install 1.5M Trees	7	each	\$	\$
5.2	32 93 10	Supply and Install #2 Container Shrubs	111	each	\$	\$
5.3	32 91 19.13, 32 92 19.13	Topsoil Placement	160	m ³	\$	\$
5.4	33 91 19.13, 32 92 19.13	Supply and Install Seed	1480	m ²	\$	\$
TOTAL EXTENDED AMOUNT (TEA) Excluding applicable tax(es)			\$			