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British Columbia  
V6Z 0B9  
Bid Fax: (604) 775-9381

**SOLICITATION AMENDMENT  
MODIFICATION DE L'INVITATION**

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

**Comments - Commentaires**

**Vendor/Firm Name and Address  
Raison sociale et adresse du  
fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**  
Public Works and Government Services Canada - Pacific  
Region  
800 Burrard Street, Room 219  
800, rue Burrard, pièce 219  
Vancouver  
British C  
V6Z 0B9

<b>Title - Sujet</b> Upscheek Tashee Trail Construction	
<b>Solicitation No. - N° de l'invitation</b> 5P437-190013/B	<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b> 5P437-190013	<b>Date</b> 2019-03-15
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWY-019-8566	
<b>File No. - N° de dossier</b> PWY-8-41204 (019)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-04-18</b>	<b>Time Zone Fuseau horaire Pacific Daylight Saving Time PDT</b>
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Ngan, Ken (PWY)	<b>Buyer Id - Id de l'acheteur</b> pwy019
<b>Telephone No. - N° de téléphone</b> (604) 671-0219 ( )	<b>FAX No. - N° de FAX</b> (604) 775-6633
<b>Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:</b> Parks Canada (PCA) - Upscheek Tashee Trail - Pacific Rim National Park - Ucluelet, BC	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

Solicitation No. - N° de l'invitation  
5P437-190013/B  
Client Ref. No. - N° de réf. du client

Amd. No. - N° de la modif  
**002**  
File No. - N° du dossier  
PWY-8-41204

Buyer ID - Id de l'acheteur  
PWY019  
CCC No./N° CCC - FMS No./N° VME

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This Solicitation Amendment 002 is raised to incorporate Addendum 2, to incorporate the associated revised Page 6 of 7 of the Unit Price Table, and to extend the bid closing date.

This revised Page 6 of 7 of the Unit Price Table supersedes any previous versions. Failure to complete and submit this revised Page 6 of 7 Unit Price Table combined with the rest of the Unit Price Table, along with the bid submission will rendered the bid submission NON-COMPLIANT and will be given NO further consideration.

**All other terms and conditions remain unchanged.**

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## **Extension of Time**

**Upscheek Tashee Trail Bed Construction  
– Pacific Rim National Park Reserve, BC**

**Solicitation No: 5P437-190013/B**

Notice is hereby given that the time for reception of tenders previously due at  
2:00 p.m. P.D.T. on April 3, 2019 is hereby extended to  
**2:00 p.m. P.D.T. on April 18, 2019.**

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The following changes/clarifications in the tender documents are effective immediately.  
This addendum will form part of the contract documents.

**1.0 INVITATION TO TENDER, Unit Price Table:**

For items 109 to 112, Asphalt Pavement, in the Unit Price Table an asphalt mix design meeting the “Lower Course” gradation in specification 32 12 16, clause 2.1.3 and the “Lower Course” properties in clause 2.3.3 shall be acceptable. This will permit the Contractor to use the same asphalt mix for all paving requirements in this contract.

**2.0 INVITATION TO TENDER, Unit Price Table:**

Item 157, 2100mm X 900mm X 5m long water passage culvert is deleted. Two replacement culverts are added to Item 158, 2100mm X 1200mm X 5m long water passage culvert, complete. A revised Unit Price Table Page 6 of 7 is included in this addendum.

**3.0 INVITATION TO TENDER, Unit Price Table:**

Item 165, Highway Station H16+067 – 1300mm CSP 3m long extension is revised to a 1200mm HDPE 3 m long extension. A revised Unit Price Table Page 6 of 7 is included in this addendum.

**4.0 SECTION 32 12 13.16 ASPHALT TACK COAT - CLAUSE 2.1.1:**

Delete the following: “Anionic emulsified asphalt: to CAN/CGSB-16.2, grade: SS1”.

Replace with the following: “Emulsified asphalt: EP2000 or equal.”

**5.0 SECTION 32 12 16 ASPHALT PAVING - CLAUSE 2.1.1:**

Delete the following: “Performance graded asphalt cement: to CCSB-16.3-M90, Grade 80-100”.

Replace with the following: “Performance graded asphalt cement: to PG-64-22.”

**6.0 QUESTIONS RECEIVED FROM PROSPECTIVE BIDDERS:**

- 1. Question:** General Structural Note 9.3.2 c) on page S-1.2 in the structural drawings specifies Western Red Cedar – Grade Select Structural for the deck, curb/riser, post, and handrail as parts of the elevated boardwalk. This grade does not exist for cedar. There is a Select Grade however this is for appearance not for structural performance. Please clarify the appropriate description of the grade  
**Answer:** “Select Structural” is a recognized grade in the “Western Red Cedar Designer Handbook” See: [www.realcedar.com/resources](http://www.realcedar.com/resources) select “North American Publications” then “Designers Handbook”. If the Contractor has difficulty sourcing this grade, “Structural” grade shall be used for the decking and curb/riser, and No. 2 & better, clear to for the post and top railing.
  - 2. Question:** In Dwg W-14.1 some half blocks are required at culvert crossings. Is there a pay item for half lock blocks?
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- Answer:** Half blocks shall be counted as one block and paid under Item 133 (standard block) or Item 134 (Bench Block) at the same unit rate as bid for full blocks.
- 3. Question:** Specification 32 32 34, Retaining Walls, indicates excavation, backfill, base gravel will be paid in appropriate pay items. Please clarify which pay items should cover excavation, backfill and base gravel?
- Answer:** Excavation, backfill, and gravels for walls will be paid under the following items in the unit price table:
- Item 65 – Trail off site waste excavation - Organic material (stripping)
  - Item 66 - Trail off site waste excavation Non-organic Material
  - Item 67 – Trail embankment (Used on site)
  - Item 99 - Select granular sub-grade fill
- 4. Question:** In specification 31 11 00, Clause 3.4.5, the cleared and grubbed material shall be disposed of at a designated location at airport. Please clarify the exactly location at airport.
- Answer:** The exact location will be determined by the Departmental Representative at time of construction. For bidding purposes the location will not be more than 2 km from the intersection of Highway 4 along the airport access road.
- 5. Question:** In specification 31 11 00, Clause 3.3.4, merchantable timber will be hauled to a storage area within the park. Please clarify the location in park.
- Answer:** Merchantable timber will be distributed approximate equally for storage between the Radar Hill Parking Lot and the Issaak Forest Resources Limited Property (located about 500m south of the south Pacific Rim National Park boundry on Highway 4.)
- 6. Question:** For each box culvert, wondering if the payment will include envirogrid wing walls and 900mm high log rails at four corners of each box culvert?
- Answer:** For both the amphibian box culverts and the water passage box culverts the price bid will include the four envirogrid walls, (approximately 0.6 m high X 2.0 m long) one on each corner. The log handrails will be paid separately under Item 126, Supply and install wood log rails, 900mm high.
- 7. Question:** Can Sierraslope be approved as an alternative to the Envirogrid and Allan Block walls?
- Answer:** No. The extreme conditions found in Pacific Rim National Park with ocean salt spray does attack and corrode galvanized metal products causing premature failure.
- 8. Question:** Pay Item 75 - "high survivability woven geotextile" specification 31 32 19. Please provide properties of this. And where does the item go?
- Answer:** Properties for "High Survivability" geotextiles are provided in the tables in Specification 31 32 19 and include:
- Minimum 85% polypropylene or polyester,
  - Minimum thickness mm: n/a woven, 1.5 non-woven
  - Mass per unit area g/sq.m: 150 woven, 150 non-woven
  - Grab tensile strength N: 1400 woven, 700 non-woven
  - Grab strength elongation %: <50 woven, 50 non-woven
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- Puncture N: 500 woven, 275 non-woven
- Mullen burst kPa: 1300 woven, 1300 non-woven
- Trapezoidal tear N: 500 woven, 250 non-woven
- UV degradation %/500 hr: 50 woven, 50 non-woven
- Apparent opening size mm: 0.6 woven, 0.25 non-woven

**9. Question:** Is pay item 78, erosion control blanket (biodegradable) Specification 31 32 19, the same as pay item 79, Specification 31 32 19?

**Answer:** No. Pay item 78 is for the supply, installation, and maintenance of a 100% biodegradable erosion control blanket meeting the requirements of specification 31 32 19 of which there are several suppliers and manufacturers. Pay item 79 is for the installation and maintenance of erosion control blanket material (biodegradable) which will be supplied by Parks Canada and is stored within the Park.

**10. Question:** Can you please issue a new set of drawings that are more clear. Almost all of the drawings look as if they've been reduced or scanned multiple times and several drawings are completely illegible because of this (see Drawing T-48.2 for example). Please provide a fresh electronic set of all drawings.

**Answer:** A higher resolution set of drawings have been uploaded to buyandsell.gc.ca under "Attachments" <drawings\_v2\_...>  
<https://buyandsell.gc.ca/procurement-data/tender-notice/PW-PWY-019-8566>

**11. Question:** Is it a conflict of interest if the environmental subcontractor for the bidder is the same company as the OEM (Owner's Environmental Monitor)?

**Answer:** No, we do not consider this to be a conflict of interest at this point in time. However, should additional information that may create a real or perceived Conflict of Interest/unfair advantage be discovered, Bidders must re-evaluate the situation in the context of the relevant terms and conditions of the solicitation and carefully consider whether it would render a sub-contractor ineligible to participate in the bid.

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# Addendum 2

Item	Specification Reference	Class of Labor, Plant or Material	Unit of Measurement	Estimated Quantity	Price per Unit applicable taxes extra (PU)	Extended amount (EQ x PU) applicable taxes extra
151	33 42 13	1200 mm dia, 8 m long HDPE, complete	Each	1		
152	33 42 13	600 mm dia HDPE additional length to above	Lin. m	100		
		<b>Temporary Pipe Culverts at Temporary Access Points</b>				
153	33 42 13	450 mm diameter 8 m long	Each	51		
154	33 42 13	600 mm diameter 8 m long	Each	12		
		<b>Concrete Box Culverts For Water Passage</b>				
155	33 42 13	1800mm X 900 mm X 5 m long water passage culvert, complete	Each	3		
156	33 42 13	1800mm X 1200 mm X 5 m long water passage culvert, complete	Each	11		
157	33 42 13	Delete. Item not used				
158	33 42 13	2100mm X 1200 mm X 5 m long water passage culvert, complete	Each	3		
159	33 42 13	2400mm X 1200 mm X 5 m long water passage culvert, complete	Each	4		
		<b>Concrete Box Culverts for Amphibians</b>				
160	33 42 13	1800mm X 900 mm X 3.75 m long Amphibian underpass culvert, complete	Each	60		
161	33 42 13	1800mm X 900 mm X 17.5 m long Amphibian underpass culvert, complete with Pavement rehab	Each	3		
		<b>Extend Existing Pipe Culverts</b>				
162	33 42 13	H20+737 - 800 mm CSP, 1.5 m long extension	Lump Sum	1		
163	33 42 13	H18+221 - 1200 mm CSP, 2 m long extension	Lump Sum	1		
164	33 42 13	H17+929 - 800 mm CSP, 4.5 m long extension	Lump Sum	1		
165	33 42 13	H16+067 -1200 mm HDPE 3 m long extension	Lump Sum	1		
166	33 42 13	H15+262 2X600 mm HDPE 5 m long extension	Lump Sum	1		
167	33 42 13	H15+097 600 mm CSP 5 m long extension	Lump Sum	1		
168	33 42 13	H9+110 -500 mm CSP 5 m long extension	Lump Sum	1		
169	33 42 13	H7+631 - 1200 mm HDPE, 2 m long extension	Lump Sum	1		
170	33 42 13	H0+119 - 600 mm CSP, 5 m long extension	Lump Sum	1		
171	33 42 13	H0+201 - 600 mm CSP, 5 m long extension	Lump Sum	1		
172	33 42 13	500 mm dia CSP additional length to above	Lin. m	5		
173	33 42 13	600 mm dia CSP additional length to above	Lin. m	5		
174	33 42 13	800 mm dia CSP additional length to above	Lin. m	10		
175	33 42 13	600 mm dia HDPE additional length to above	Lin. m	10		
176	33 42 13	1200 mm dia HDPE additional length to above	Lin. m	5		
177	31 23 33	Over excavation, backfill, and bedding	Cu.m	400		
		<b>Fisheries Work</b>				
178	33 42 15	Fisheries enhancement work detailed on sheet F-2	Lump Sum	1		
179	33 42 15	Fisheries enhancement work detailed on sheet F-3	Lump Sum	1		
180	33 42 15	Fisheries enhancement work detailed on sheet F-4	Lump Sum	1		
181	33 42 15	Fisheries enhancement work detailed on sheet F-5	Lump Sum	1		
182	33 42 15	Fisheries enhancement work detailed on sheet F-6	Lump Sum	1		
183	33 42 15	Fisheries enhancement work detailed on sheet F-7	Lump Sum	1		
184	33 42 15	Fisheries enhancement work detailed on sheet F-9	Lump Sum	1		
185	33 42 15	Fisheries enhancement work detailed on sheet F-10	Lump Sum	1		
186	33 42 15	Fisheries enhancement work detailed on sheet F-12	Lump Sum	1		
187	33 42 15	Fisheries enhancement work detailed on sheet F-13	Lump Sum	1		
188	33 42 15	Fisheries enhancement work detailed on sheet F-14	Lump Sum	1		
189	33 42 15	Fisheries enhancement work detailed on sheet F-15	Lump Sum	1		
		<b>Manholes and Grates</b>				
190	33 44 01	Man Hole Frame & Grates at 3 Amphibian Crossings	Each	6		
191	33 44 01	Adjust Existing Man Holes	Each	3		
192	33 44 01	200 diam. Lawn basin grate inlet	Each	8		
		<b>Subtotal Utilities</b>				