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**RETOURNER LES SOUMISSIONS À:**  
**Bid Receiving Public Works and Government**  
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**800 Burrard Street, Room 219**  
**800, rue Burrard, pièce 219**  
**Vancouver**  
**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> Traverse Trail Clearing & Grubbing	
<b>Solicitation No. - N° de l'invitation</b> EZ899-171514/A	<b>Amendment No. - N° modif.</b> 005
<b>Client Reference No. - N° de référence du client</b>	<b>Date</b> 2016-11-23
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWY-033-7889	
<b>File No. - N° de dossier</b> PWY-6-39165 (033)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2016-12-01</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Pacific Standard Time PST
<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> Siopongco, Philip PWY	<b>Buyer Id - Id de l'acheteur</b> pwy033
<b>Telephone No. - N° de téléphone</b> (604) 351-6139 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> PCA (Parks Canada) - Pacific Traverse Trail - Pacific Rim National Park - Tofino, 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</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

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**Les documents français seront disponibles sur demande.**

This Solicitation Amendment 005 is raised to provide clarification to Specifications and responses to questions not already answered ( see Addendum 3) and revise Appendix 1 – Combined Price Form. All these changes are to be incorporated into the solicitation document.

For Addendum 3 – See attached Addendum 3 (PDF File)

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, Solicitation Closes:**

The closing date of this tender is extended by to 2016-12-01, 2:00 PM Pacific Standard Time.

**2.0 SECTION 01 11 00 GENERAL INSTRUCTIONS CLAUSE 1.12, Work Included:**

Prospective bidders are advised that prior to the clearing work the First Nations will conduct a ceremonial blessing of the project. The Contractor's team shall attend the ceremony.

**3.0 SECTION 01 35 43 ENVIRONMENTAL PROCEDURES:**

The work related to environmental procedures shall be included in new Payment Item 1.2 as shown on the revised unit price table to be used for the Tender Submission. Work to be included in this item is:

- Those items that are the Contractors Responsibility listed in the Environmental Management Plan (EMP.)
- Those items that are the Contractors Responsibility listed in the Environmental Protection Plan (EPP.)

**4.0 SECTION 35 42 19 PRESERVATION OF WATER COURSES:**

All streams and ditches should be considered fish-bearing unless proven otherwise due to seasonal rainfall events.

The risks to fish and fish habitat associated with temporary stream crossings include the potential for direct harm to stream banks and beds, release of excessive sediments and other deleterious substances (e.g., fuel, oil leaks), loss of riparian habitat and disruption to sensitive fish life stages

For protection of potential fish bearing watercourses during clearing, the contractor shall provide temporary structures to span all running and standing water. These spans shall remain the responsibility of the clearing Contractor and be removed from the trail after the clearing and, timber and brush removal is complete. This applies to all water, including flooded areas during periods of heavy rainfall which could be considered to be fish bearing or provide fish habitat in the opinion of the Departmental Representative. The contractor shall ensure that neither the temporary bridges nor any equipment or cleared materials enter the water. The contractor will also ensure that no sediment enters the water from temporary bridges, equipment, or cleared materials.

Properly designed and implemented site isolation, erosion control, and sediment mitigation measures are crucial to be able to work and avoid shut downs. Maintenance of effective sediment and erosion control measures until such areas have been stabilized by other effective sediment and erosion control measures is required. Use only clean materials (e.g., rock or coarse gravel fill, wood, or steel) for approaches to the bridge (i.e., not sand, clay, organic soil, or straw bales) and install in a manner that avoids erosion and sedimentation. Entry into any running or standing water is only accepted at the sole discretion of the Departmental Representative subject to their confirmation that the water is deemed neither fish bearing nor fish habitat and does not subsequently flow into fish bearing waters. Payment for temporary bridges shall be included in item 35.1, Protection of Water Courses, of the Unit Price Table.

The Contractor shall provide sufficient environmental monitoring personnel to meet the requirements of the Contract.

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**5.0 SECTION 01 35 33, HEALTH AND SAFETY REQUIREMENTS:**

The Contractor shall conduct an assessment of danger trees for each section of the trail prior to working in said section. These identified danger trees shall be made safe by removing, topping, or other appropriate measures. Payment for this work shall be made by count for each danger tree and paid for under Item 31.1.5 in the Unit Price Table. The estimated quantity of trees under this item is increased to 300 as shown on the revised table in this addendum.

**6.0 SECTION 31 11 00 CLEARING AND GRUBBING, Temporary Access Roads:**

Item 31.1.4 Clearing and grubbing for temporary access roads. Grubbing will not be required for temporary access roads. These accesses will be relocated/adjusted on site by the Departmental Representative to locations minimizing environmental impacts and to avoid stream crossings. The Contractor shall clear these access points at the start of their work to permit others (geotechnical, survey, etc.) access to the trail.

**7.0 SECTION 31 11 00 CLEARING AND GRUBBING, Revised Quantities:**

Additional areas require clearing due to topography. These areas will widen the clearing width from 6.2 to 8.2 metres in width along portions of the trail. The exact locations will be identified on site by the Departmental Representative.

Additional areas will also require clearing for bridge construction. The exact locations will be identified on site by departmental representative however it is anticipated to be at the proposed permanent bridge locations. This additional clearing will be paid by the hectare under new item 31.1.4.a in the Unit Price Table.

The clearing requirements for the Radar Hill Road parking lot has increased. This increase is reflected in the quantity provided in the Unit Price Table.

Refer to attached Pacific Traverse Trail Clearing Plans – Drawings R.081570.001 Sheets C-01 to C-29, Revision 2.

Additional clearing requirements are added for Wick Road as reflected on the Unit Price Table and identified on Figure 1 attached – Wick Road Tree Clearing.

**8.0 REVISED CLEARING DRAWING PACKAGE:**

The revised clearing drawings package containing the revised alignment and clearing is included with this addendum.

The alignment shown on clearing plans is an approximation of the exact locations flagged in the field and the final alignment shall be determined by the Departmental Representative.

**9.0 Q: IS CONTRACTOR RESPONSIBLE FOR COSTS ASSOCIATED WITH WORKING INSIDE BC HYDRO ROW?**

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The overhead BC Hydro power line is on the same side of Highway 4 and Wick Road as the trail clearing for approximately 6.75 km and on the opposite side for approximately 18.3 km. It is the responsibility of the Contractor to coordinate their work with BC Hydro and include these costs within the rates tendered for the clearing work.

**10.0 Q: CONFIRM IF ANY MARKINGS ARE PRESENT ON THE 30KM TRAIL INDICATING INTENDED ALIGNMENT?**

Centerline flagging of trail indicating alignments and access roads was completed on November 22 along the 30km trail, along with the majority of the temporary access points.

**11.0 Q: With reference to granular base preparation, once the base has been fine graded & compacted to the satisfaction of the department representative, will that conclude our responsibility for maintenance of the gravel? The concern with paving not being under this contract, is the scheduling is out of our control; with delays and weather events, the base may need repairs and additional work to prepare for asphalt. Please advise.**

After this Radar Hill Road parking lot is accepted by the Departmental Representative it may be used for storage of salvaged timber and/or other trail construction materials.  
The clearing Contractor will not be required to maintain or repair the finished surface. It is anticipated the trail Contractor will be required to regrade this lot with additional base material.

**12.0 Q: In addendum 1, response 1 – will the strategic Natural Resource Consultants report be made available for review? Not currently one of the attachments on “buy and sell”**

This document will be made available on the “buyandsell” web site under this solicitation number.

**13.0 Q: Is it possible to field fit the trail outside of the BC Hydro limits of approach? There are some areas that look within this distance?**

Generally the alignment flagged in the field will be the required alignment. Minor adjustments for environmental and archeological purposes are anticipated.  
Some sections of the trail clearing will be within the BC Hydro ROW. It is the responsibility of the Contractor to coordinate their work with BC Hydro and include these costs within the rates tendered for the clearing work.

**14.0 Q: Is it possible to dispose of organics from highway access point & parking lot stripping on site? Or does this material need to be disposed off-site? Section 31 23 33 – 3.6.4 mentions unsuitable excavation to be disposed at approved location. Please confirm**

Organics and other materials from highway access points and parking lot stripping shall be removed from the Park for disposal.

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**15.0 SECTION 31 32 19, GEOTEXTILES: Item 31.5**

The payment item for geotextiles shall be divided into two separate items:

- Item 31.4.a, Geocomposite for use under future sections for the trail (this geocomposite shall be as described in section 31 32 19, clause 2.1.12, stretched, monolithic, textured polypropylene flat bars, welded junctions, and bonded filter geotextile
- Item 31.4.b, a geotextile for use under the Radar Hill Road parking lot with the physical properties contained in clause 2.1.3 of the same section.

This change is shown on the Unit Price Table.

**16.0 SECTION 33 42 13, PIPE CULVERTS: Item 33.1 and 33.2**

Item 4.0 of this addendum requires that the majority of locations previously requiring culvert installations will now have temporary bridge crossings. The quantities of pipe culverts are reduced to 50 m for each diameter. This revision is reflected on the revised Unit Price Table, issued as with this addendum. Pipe culverts will be permitted to be used in lieu of temporary bridges only where water is deemed to be non-fish bearing by the Departmental Representative. Temporary pipe culverts shall be left in place for removal and disposal by others.

**17.0 SECTION 01 11 00 GENERAL INSTRUCTIONS, CLAUSE 1.9 TIME OF COMPLETION**

The contract duration shall be not more than 12 weeks from Contract award to complete the tree felling and 20 weeks from Contract award for all of the remaining Contract Work.

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Previous Appendix 1 – Combined Price Form REVISED 11-10-2016 is now replaced with **Appendix 1 – Combined Price Form, REVISED 11-23-2016**.

The Appendix 1 - Combined Price Form REVISED 11-23-2016 must be used when submitting your bid. Any bid submitted on a previous version of Appendix 1 – Combined Price Form will be considered non-compliant and therefore disqualified.

**All other terms and conditions remain the same.**

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## APPENDIX 1 - COMBINED PRICE FORM, REVISED 11-23-2016

- 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.

### UNIT 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	Description	Unit of Measure	Estimated Quantity (EQ)	Price per Unit applicable taxes extra (PU)	Extended amount (EQ x PU) applicable taxes extra
<b>Division 1</b>	<b>Gen Requirement</b>					
1.1	01 35 00	Special Procedures for Traffic Control	Lump Sum	1		
1.2	01 35 45	Environmental Procedures	Lump Sum	1		
				<b>Sub-total General Requirements</b>		
<b>Division 31</b>	<b>Earthworks</b>					
31.1	31 11 00	Clearing and grubbing				
31.1.1		Clearing standing vegetation from 5.2 m wide right of way	Linear Meter	30,000		
31.1.2		Clearing standing vegetation from 3m wide x 20m long construction pull-overs	Linear Meter	1,600		
31.1.3		Clearing and grubbing in Radar Hill Road Parking Lot	Hectare	0.75		
31.1.4		Clearing for highway access roads	Hectare	0.4		
31.1.4.a		Clearing for localized widening areas and bridge work	Hectare	0.6		
31.1.4.b		Clearing for Wick Road	Hectare	0.44		
31.1.5		Clearing and disposal of danger trees along trail route	Each	300		
31.1.5A		Clearing and disposal of danger trees identified within the park boundary not on the trail route	Each	31		
31.1.6		Clearing and disposal of root damaged trees along trail route	Each	120		
31.1.7		Clearing and disposal of additional 1 m width of brush, both sides, between 0.5 m and 3.0 m above ground.	Linear Meter	22,000		

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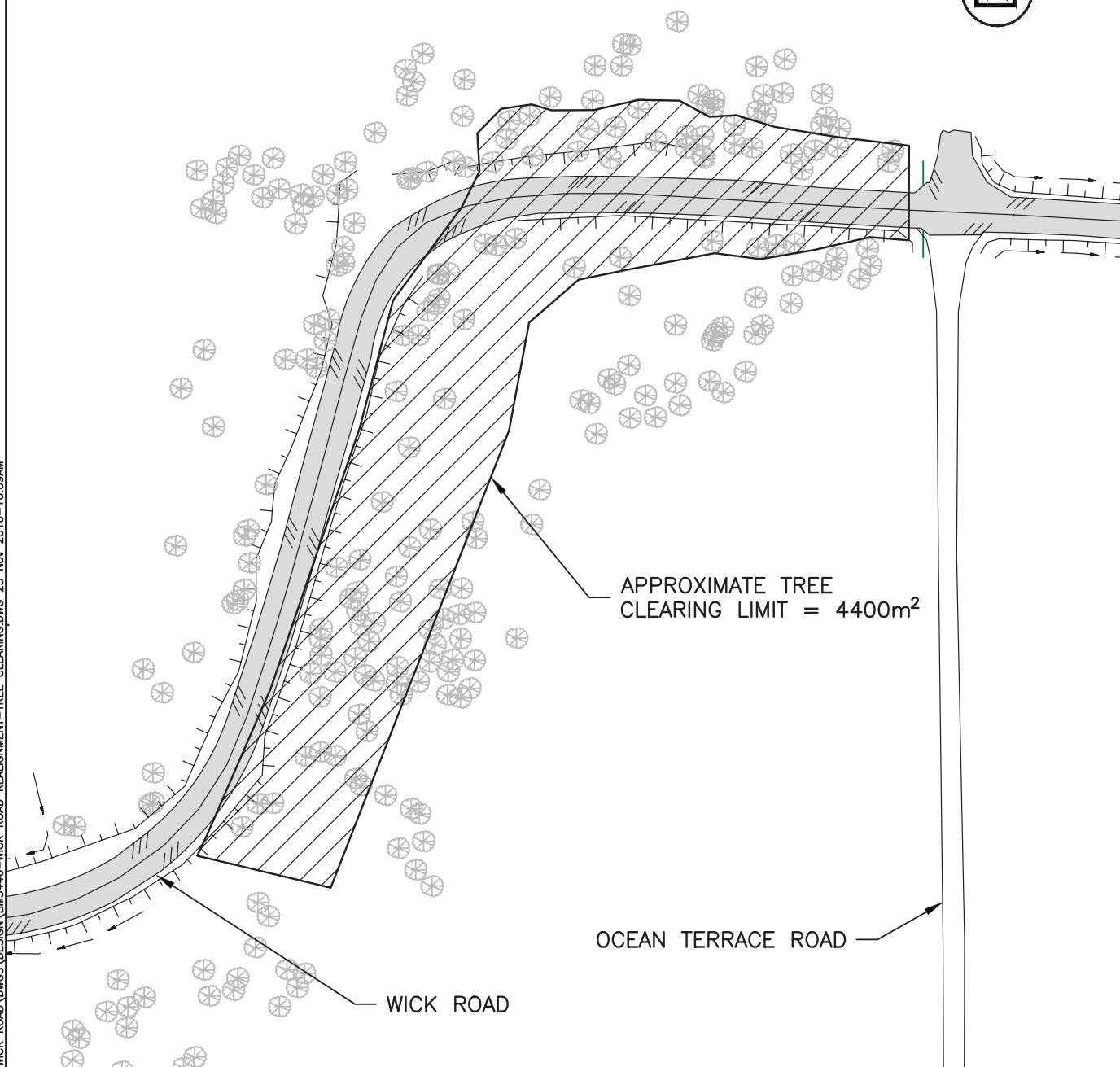
Item	Specification	Description	Unit of Measure	Estimated Quantity (EQ)	Price per Unit applicable taxes extra (PU)	Extended amount (EQ x PU) applicable taxes extra
31.1.8		Clearing and disposal of organic debris from blowdown and logging activities to ground level	Linear Meter	7,500		
31.1.9		Transporting merchantable timber to designated storage areas.	Cubic Metres	3,200		
31.2	31 24 13	Roadway excavation disposed off-site (for parking lot)	Cubic Metres	2,300		
31.3	31 24 13	Roadway excavation disposed off-site (for permanent highway access points)	Cubic Metres	700		
31.4.a	31 32 19	Geotextiles - Geocomposite	Square Meter	4000		
31.4.b	31 32 19	Geotextiles – Geofabric for Parking Lot	Square Meter	5600		
31.5	31 37 00	Rip Rap – 350 mm thick	Square Meter	10		
				<b>Sub-total Earthworks</b>		
<b>Division 32</b>	<b>Road &amp; Site Improvements</b>					
32.1	32 11 16	Granular sub-base 300 mm thick	Square Meter	4,000		
32.2	32 11 16	Granular sub-base 450 mm thick	Square Meter	5,600		
32.3	32 11 23	Granular base 100 mm thick	Square Meter	9,600		
32.3	32 17 23.1	Traffic signs (Temporary Project signs)	Each	2		
				<b>Sub-total Road &amp; Site Improvements</b>		
<b>Division 33</b>	<b>Utilities</b>					
33.1	33 42 13	Pipe culverts				
33.1.1		450 mm diameter HPDE culverts, Corrugated Exterior, smooth wall interior	Linear Meter	50		
33.1.2		600 mm diameter HPDE culverts, Corrugated Exterior, smooth wall interior	Linear Meter	50		
				<b>Sub-total Utilities</b>		
<b>Division 35</b>	<b>Protection of Water Courses</b>					
35.1	53 42 19	Preservation of Water Courses	Lump Sum	1		

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Item	Specification	Description	Unit of Measure	Estimated Quantity (EQ)	Price per Unit applicable taxes extra (PU)	Extended amount (EQ x PU) applicable taxes extra
			<b>Sub-total Protection of Water Courses</b>			
<b>TOTAL EXTENDED AMOUNT (TEA)</b> <b>(Excluding applicable taxes)</b>						



Project title/Titre du projet		Drawing title/Titre du dessin	
<b>PACIFIC RIM NATIONAL PARK BRITISH COLUMBIA TRAIL, ROAD AND BRIDGE CONSTRUCTION</b>		<b>WICK ROAD TREE CLEARING</b>	
Consultant Signature Only	PWGSC Project Manager/Administrateur de Projets TPSGC	Scale/Echelle	<b>1:1000</b>
Designed by/Concept par <b>M.HANEL</b>	PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architecture et de génie, TPSGC	Date/Date	<b>2016/11/23</b>
Drawn by/Dessiné par <b>P.BERRINGTON</b>	Project No./No. du projet <b>R.081570.001</b>	Sheet/Feuille <b>FIGURE 1</b>	Revision/ Revision <b>0</b>

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