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**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  
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British C  
V6Z 0B9

<b>Title - Sujet</b> Esquimalt Fill Site Remediation	
<b>Solicitation No. - N° de l'invitation</b> EZ897-172420/A	<b>Amendment No. - N° modif.</b> 004
<b>Client Reference No. - N° de référence du client</b>	<b>Date</b> 2017-01-03
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWY-026-7935	
<b>File No. - N° de dossier</b> PWY-6-39267 (026)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-01-10</b>	<b>Time Zone</b> Fuseau horaire 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> Yi (PWY), Patty	<b>Buyer Id - Id de l'acheteur</b> pwy026
<b>Telephone No. - N° de téléphone</b> (778) 919-2578 ( )	<b>FAX No. - N° de FAX</b> (604) 775-6633
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> TC - Esquimalt Eastern Fill Site - Esquimalt Harbour, 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 (type or print)</b> <b>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

EZ897-172420/A

Client Ref. No. - N° de réf. du client

Amd. No. - N° de la modif.

004

File No. - N° du dossier

PWY-6-39267

Buyer ID - Id de l'acheteur

pwy026

CCC No./N° CCC - FMS No./N° VME

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**Ce document est disponible en français**

## **Amendment 004**

Amendment 004 has been raised to include questions and answers.

## **Addendum 002**

Attached Drawings 5 and 6, Ground Water Table, and additional borehole logs to be included to the specification document.

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

## Response to Questions:

**Question #1:** Can the vertical excavation limits be defined?

**Answer #1:** See attached Drawings 5 and 6. The Contractor should be prepared to excavate to a maximum depth of -3m geodetic.

**Question #2:** Can any additional borehole logs be provided?

**Answer #2:** See attached for additional borehole logs. Note that this data set includes boreholes from adjacent areas outside of the contamination limits.

**Question #3:** Can additional relevant groundwater data be provided?

**Answer #3:** Additional groundwater data is provided in the attached tables.

**Question #4:** Where can effluent from the water treatment plant be discharged?

**Answer #4:** The effluent from the water treatment plant may be removed offsite, discharged to the bay (with appropriate permits), or discharged to an uplands sump on Transport Canada property (to be constructed by the Contractor).

**Question #5:** Who is the governing body for effluent discharge?

**Answer #5:** For offsite discharge to the bay, the Queen's Harbour Master (DND) is the governing body. For onsite discharge to the uplands Transport Canada property, Transport Canada is the governing body.

**Question #6:** Who is responsible for sampling effluent discharge?

**Answer #6:** The Contractor is responsible for sampling effluent discharge. In addition, the Departmental Representative may collect samples.

**Question #7:** Who is responsible for obtaining an effluent discharge permit?

**Answer #7:** For offsite discharge, the Contractor is responsible for all permits. For onsite discharge to the uplands Transport Canada property, no permits are required; however, discharge cannot impact Transport Canada property (eg erosion, silt), and would need to meet the more stringent of BC CSR and CCME groundwater standards.

**Question #8:** Are flush toilets required?

**Answer #8:** Flush toilets are not required.

**Question #9:** Can a specification for import material be provided?

**Answer #9:** In addition to the requirements in Specifications 026100.02 Part 2, the import material must conform with the following grain size gradation:

SIEVE SIZE (mm)	% PASSING FOR NOMINAL MAXIMUM SIZE
150	100
19	0-100
9.5	0-100
0.600	0-100
0.300	0 - 30
0.075	0 - 10

Notwithstanding the above, any excavation performed in the wet requires "self compacting" backfill material.

**Question #10:** Can a compaction specification be provided?

**Answer #10:** Compaction of 95% Standard Proctor maximum dry density (ASTM D698).

**Question #11:** Can additional cross-sections be provided to assist with shoring/sloping design?

**Answer #11:** No additional cross-sections will be provided. Excavations can slope onto adjacent Transport Canada owned property.

**Question #12:** Who are the adjacent property owners?

**Answer #12:** Transport Canada owns the adjacent property to the west, northwest, and northeast. The Esquimalt First Nations reserve lands are to the north and east. The Department of Defense owns the land covered by water below the high water mark.

**Question #13:** Can the excavation proceed in the wet?

**Answer #13:** Yes the excavation can proceed in the wet. The Contractor is responsible for ensuring that there is no settlement of the backfill, and there is no impact to the environment, including the adjacent ocean.

**Question #14:** Is there any NaCl analytical data?

**Answer #14:** There is no NaCl analytical data. However, given the proximity to the ocean the Contractor should assume the material is contaminated to Waste levels with NaCl.

**Question #15:** What are the areal extents of wood waste fill?

**Answer #15:** No distinct units of wood waste fill were identified in the investigation. There was minor wood waste located randomly throughout the fill, and it is likely timbers will be encountered.

**Question #16:** What percentage of the fill is wood waste?

**Answer #16:** It is estimated that less than 1% of the fill is wood waste.

**Question #17:** Will the excavated material be ex situ characterized?

**Answer #17:** The excavated material will not be ex situ characterized (ie it can be hot loaded for transport offsite). All of the material is characterized as Waste for metals and hydrocarbons, except for a Hazardous Waste hydrocarbons area. The excavated material will be field screened for Hazardous Waste. If the Contractor disputes the characterization of some material, this suspect material may be stockpiled onsite and analysed at the Contractor's expense.

**Question #18:** If the material is treated offsite, will Certificates of Treatment be required by 2017Mar31.

**Answer #18:** If treatment of material will not be completed by 2017Mar31, then a Certificate of Disposal, acknowledging receipt and ownership, is acceptable, or an equivalent acceptable to the Departmental Representative.