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V6Z 0B9  
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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  
800, rue Burrard, pièce 219  
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British C  
V6Z 0B9

<b>Title - Sujet</b> UV Treatment System Installation	
<b>Solicitation No. - N° de l'invitation</b> F1700-180019/A	<b>Amendment No. - N° modif.</b> 007
<b>Client Reference No. - N° de référence du client</b> F1700-180019	<b>Date</b> 2019-01-14
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWY-019-8504	
<b>File No. - N° de dossier</b> PWY-8-41167 (019)	<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 2019-01-18</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> 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:</b> <b>Destination - des biens, services et construction:</b> DFO - West Vancouver Laboratories - West Vancouver, 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> Raison sociale et adresse du fournisseur/de l'entrepreneur	
<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>

Solicitation No. - N° de l'invitation  
F1700-180019A  
Client Ref. No. - N° de réf. du client

Amd. No. - N° de la modif.  
**07**  
File No. - N° du dossier  
PWY-8-41167

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

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

This Solicitation Amendment 007 is raised to incorporate Addendum 2.

See attached Addendum 2.

All other terms and conditions remain unchanged.

## **F1700-180019/A – UV Treatment System Installation – Tender Questions – Addendum 2**

**2019-01-14**

1. **Q.** The electrical subtrade's recommendation is to have a Main Disconnect Switch for safety before the existing Panel. In case of an Emergency how would you turn off the Panel and now a days with Arc Flash Training Work Safe would want you to turn OFF the Panel before installing even a Breaker?

- A.**
- i. Overcurrent protection of the existing panel is provided by the breaker located in the main electrical room as identified on drawing E06.
  - ii. Safe work procedures require panels, even low voltage ones, to be de-energized. This would happen by turning off the breaker in the main electrical room and lock-out/tag-out the device before working on the downstream equipment.

2. **Q.** We NEED clear specification on the UPS, who is providing it and if the Electrical is, please let us know. A few comments (from supplier) listed below.

The 120/240 volt output will feed the UPS system whose output will always be 240 volt.

- The unit I plan to provide will be a 16kVA/12.8kW output capacity unit.
- Battery Standby time isn't specified so we will just load the UPS unit to maximum 4 battery modules as it has that many battery slots.
- It's weird that there is no UPS specification so we just have to wing it. If you find out differently let me know.

- A.**
- i. Overcurrent protection of the existing panel is provided by the breaker located in the main electrical room as identified on drawing E06.
  - ii. Please ensure the suppliers have been provided with the relevant drawings and specifications.

3. **Q.** Is there a weight restriction in place for the walkway leading towards the Sand Filtration building due to the HV and water lines? If so, can we use a proposed alternate route detailed on attached drawing?

- A.** The oxygen supply lines are between the oxygen building and the sand filter building, and between the oxygen building and the main building. Heavy traffic could access the building from the gravel parking lot directly south between the pumphouse and the sand filter building. The max vehicle traffic on the wharf is 12,210Kg max. Additionally, there are high voltage lines between the main parking lot and the sand filter building that would impede proposed alternate route.

4. **Q.** The specs do not indicate that we need to supply the new UPS system, however, we want to confirm that this is the case

- A. Contractor must provide a fully-functional UPS satisfying the specifications found in the bottom left Equipment Description table on drawing E05. These specifications include the make, model, kVA/kW rating, and runtime of the required UPS.
5. Q. We have been told by civil contractor that the soil is contaminated. Are we going to remove the soil from site and just leave the soil on site?
- A. Soil and groundwater testing has been conducted in 2007 as part of a site wide assessment and risk management program. A figure attached shows surface and subsurface sampling for soil at the site for metals (Figure C3E and hydrocarbons figure C-3D). The limited sampling conducted in the areas identified for trenching and subsurface works do not indicate an exceedance for metals or hydrocarbons. It would be the contractors responsibility to ensure soil quality is acceptable for disposal. The contractor should assume the soil meets the CSR and CCME standards for Commercial soils. If new testing indicates it exceeds these parameters the contractor would be permitted to submit a change order request for the cost differential.

**Attachments to Addendum 2:**

1. Figure C-3D Exceedances – Hydrocarbons in Soil
2. Figure C-3E Exceedances – Metals in Soil

**End of Addendum 2**





**Figure C-3D**  
**West Vancouver Laboratory**  
**Exceedances - Hydrocarbons**  
**in Soil (incl Historical)**

**Hydrocarbons**  
 ✖ >CSR, CCME  
 ✖ >CSR  
 ✖ >CCME  
 ✖ <CSR, CCME

0 12.5 25 50  
 Meters  
 Photo Year 2007 - UTM Zone 10 - Scale 1:1500  
 Samples not tested for this analyte(s)  
 are not shown in this figure.







**Figure C-3E**  
**West Vancouver Laboratory**  
**Exceedances - Metals**  
**in Soil (incl Historical)**

**METALS**

- ✗ >CSR, CCME
- ⊕ >CSR
- ⊗ >CCME
- <CSR, CCME

0 12.5 25 50  
 Meters

Photo Year 2007 - UTM Zone 10 - Scale 1:1500  
 Samples not tested for this analyte(s)  
 are not shown in this figure.

