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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> Y-Jetty and Lang Cove Remediation	
<b>Solicitation No. - N° de l'invitation</b> EZ113-190891/B	<b>Amendment No. - N° modif.</b> 005
<b>Client Reference No. - N° de référence du client</b>	<b>Date</b> 2018-10-24
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWY-020-8440	
<b>File No. - N° de dossier</b> PWY-8-41072 (020)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> at - à 02:00 PM on - le 2018-10-31	<b>Time Zone</b> Fuseau horaire Pacific Daylight Saving Time PDT
<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> Ly, Ronny(PWY)	<b>Buyer Id - Id de l'acheteur</b> pwy020
<b>Telephone No. - N° de téléphone</b> (604) 318-5750 ( )	<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> DND - CFB Esquimalt - Victoria, 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> (type or print) <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  
EZ113-190891/B

Amd. No. - N° de la modif.  
005

Buyer ID - Id de l'acheteur  
pwy020

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

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

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Les documents français seront disponibles sur demande

See Addendum 005 below.

**ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.**

**The following changes/clarifications in the tender documents are effective immediately.**

**This Addendum 005 will form part of the contract documents**

*This Addendum 005 is issued to provide amendment to the Specifications, or Contract Drawings as attached hereto.*

**Responses to Questions from Bidders**

Q1. Bid Item 14 “Structure Demolition – Utilities Protection System”: Specification 02 41 16.01 Clause 3.1.15 requires us to protect the existing utilities from abrasion or impact damage caused by the Contractor’s floating construction equipment, tugboats, or by other construction activities. Can you quantify what kind of forces we want to protect against?

R1. As described in Specification 02 41 16.01 and on the Drawings, the utilities protection system must comprise steel and/or timber shrouding fixed to the jetty structure, and is to be designed by the Contractor to be sufficiently robust and strong enough to resist the forces that the Contractor (in the Contractor’s own estimation) may impose on the shrouding and framing, either through design intent or by accidental impact or by accidental loading. The purpose of the protection system is to provide physical protection to eliminate the possibility of damage to the jetty utilities, and to provide visual warning of the enclosed utility services, so the shrouding and framing must be designed with that intent. Note that the Contractor is responsible for protecting existing mechanical and electrical utility services from damage throughout the work.

Q2. Bid Item 16 “Metal Fabrications: Supply and Install Replacement Steel Components”: How many ladders will be replaced?

R2. Clause 1.1.1 of Specification 05 50 00 (Metal Fabrications) stipulates that it is to be assumed, for Tender pricing purposes, that the steel fabrications will be replacement marine safety ladder(s). The number or length of replacement ladder(s) is not stipulated. Instead, Clause 1.3.1 stipulates that a nominal weight of new structural steel components is included in the Unit Price Table for Tender pricing purposes (i.e., the 250kg estimated quantity listed at Bid item 16).

Q3. Further to our question below and the answer in Addendum 004 Q&A # 7 the contractor does not understand the response. According to the Dwg C-11 Detail 6 the desired thickness is only 300mm with

a permissible over placement tolerance of an additional 300mm. Does the answer in Addendum 004 indicate that there is no over placement tolerance?

R3. The Required Minimum Placement Thickness in Material Placement Area B5 is 0.3 metres and an additional 0.3-metre Maximum Over-Placement Allowance is allowed. It is anticipated that material will be placed in two lifts within Material Placement Area B5 due to the lift thickness restriction (maximum lift thickness 0.3 metres) described in the Specifications.

Q4. The area B5 contains slopes that are 2H:1V, which is beyond the ability for a native river sand to remain on that slope. Can you please confirm how the contractor is paid for material in a "sq.meter" scenario when the material is unable to hold the slope and collects at the toe of the slope thicker than the payable tolerance?

R4. See note on Drawing C-11, Detail 6 – Material Placement Area B5, "The Departmental Representative will review placement areas with slopes steeper than 2H:1V that the Contractor has completed to determine whether Contractor has carefully placed materials and provided full placement coverage to meet the Specification requirements. The Departmental Representative will accept those areas as completed if evidence exists that the material did not remain stable."

Q5: In regard to the Granular Activated Carbon used in Material 4 and 6, given that the application is for a capping material instead of filtration, would a coal based reactivated 8x30 Granular Activated Carbon be acceptable?

R5. A bituminous-based GAC with a 8x30 U.S. mesh size is an acceptable form of GAC provided it meets the requirements in Section 35 37 10 – Capping and Material Placement. As noted in Clauses 2.1.6.4.4 and 2.1.8.4.4, the product specification sheets for the selected GAC product must be submitted to the Departmental Representative for review and acceptance prior to ordering the material.

#### **Changes to the Specifications**

No modifications were made to the Specifications as part of this Addendum.

#### **Changes to the Drawings**

No modifications were made to the Drawings as part of this Addendum.