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Bid Receiving Public Works and Government  
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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> EGD East End Extension & Section 3	
<b>Solicitation No. - N° de l'invitation</b> EZ108-211059/A	<b>Amendment No. - N° modif.</b> 004
<b>Client Reference No. - N° de référence du client</b>	<b>Date</b> 2021-04-09
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWY-036-8938	
<b>File No. - N° de dossier</b> PWY-0-43153 (036)	<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> Pacific Daylight Saving Time PDT <b>on - le 2021-05-06</b> Heure Avancée du Pacifique HAP	
<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> Martin (PWY), Delia	<b>Buyer Id - Id de l'acheteur</b> pwy036
<b>Telephone No. - N° de téléphone</b> (778) 707-2139 ( )	<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> PWGSC – Esquimalt Graving Dock – 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> <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>

Solicitation No. - N° de l'invitation  
EZ108-211059

Amd. No. - N° de la modif.  
004

Buyer ID - Id de l'acheteur  
PWY036

Client Ref. No. - N° de réf. du client  
R.096320.002

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

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This Amendment #004 is raised to issue an Addendum.

Please see Addendum No. 2 attached.

The addendum will form part of the contract documents.

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

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**Addendum 2: The following changes/clarifications in the tender documents are effective immediately. This addendum will form part of the contract documents.**

### Revisions to Specifications

1. Omit Specification Appendix A – PRELIMINARY HAZARD ASSESSMENT FORM Issued for Tender dated July 6, 2020 and replace with attached Appendix A – PRELIMINARY HAZARD ASSESSMENT FORM Issued for Tender – Addendum 2 dated April 1, 2021.

### Questions and Clarifications

#### Question 1:

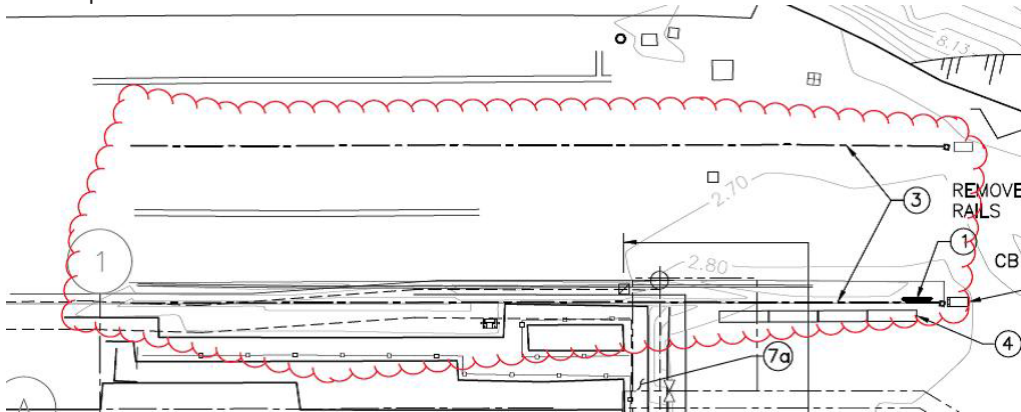
Please provide the pre-manufactured trench drain details, such as manufacture type and size, material and etc.

#### Answer 1:

Trench drain details can be found in specification Section 03 01 31 clause 2.2.

#### Question 2:

Please provide crane rail removal and reinstallation extent and confirm if the rails in the clouded area is to be replaced for both north and south sides of dock.



#### Answer 2:

The extent of rail removal is indicated on dwg S108, item 3. Clarifications:

- “2 lengths” of rail means “2 lengths minimum with total amount dependent on Contractors temporary works for utility rerouting”
- Rail is to be stored and reused.

#### Question 3:

Please confirm if the concrete encasement for duct bank requires reinforcement. If required, please provide the detail.

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*Answer 3:*

Concrete duct bank encasement will require reinforcing, detail to follow in subsequent addendum.

*Question 4:*

For the control blasting, if the line drilling for the perimeter is done with a down the hole drill, without explosives, can the drilling go directly to the bottom of the excavation in one time?

*Answer 4:*

Contractor to determine appropriate blasting means and methods to conform with design and specification requirements.

*Question 5:*

Item 49 - Rock Excavation: Controlled Excavation (horizontal faces), could you provide more details? Where are the horizontal faces?

*Answer 5:*

Contractor to determine appropriate blasting means and methods to conform with design and specification requirements. Due to existing site constraints, the Contractor may elect to sequence blasting in multiple lifts with horizontal faces at each lift.

*Question 6:*

On the Drawing S581, the small and large crack repair details are shown. But on the Unit Price Table, there isn't the item to cover the costs for this type of repair. Do you anticipate the type of repair in the project scope?

*Answer 6:*

The "Small crack repair" and "Large crack repair" correspond to line items 35 & 36 on the unit price table.

35	04 03 41	Granite Block – Altar Crack Repair (< 25 mm)	lin. m	62
36	04 03 41	Granite Block – Altar Crack Repair (> 25 mm)	lin. m	159

**END OF ADDENDUM 2**

**A**

**ESQUIMALT GRAVING DOCK**

**PRELIMINARY HAZARD ASSESSMENT FORM**

Number of Pages: 3



### PRELIMINARY HAZARD ASSESSMENT FORM

Project Number:	EZ108-211059 / R.096320.002 Dry Dock East End Extension and Dock Floor & Wall Refurbishment
Location:	Esquimalt Graving Dock, Victoria, B.C.
Date:	April 1, 2021 (Rev 1)
Name of Departmental Representative:	Philip Tam, Project Manager
Name of Client:	Esquimalt Graving Dock

Site Specific Orientation Provided at Project Location  Yes

Notice of Project Required  Yes

**NOTE:**  
PWGSC REQUIRES A Notice of Project FOR ALL CONSTRUCTION WORK RELATED ACTIVITIES

**NOTE:**  
OHS law is made up of many municipal, provincial, and federal acts, regulations, bylaws and codes. There are also many other pieces of legislation in British Columbia that impose OHS obligations.

**Important Notice:** This hazard assessment has been prepared by PSPC for its own project planning process, and to inform the service provider of actual and potential hazards that may be encountered in performance of the work. PSPC does not warrant the completeness or adequacy of this hazard assessment for the project and the paramount responsibility for project hazard assessment rests with the service provider.

TYPES OF HAZARDS TO CONSIDER	Potential Risk for:				COMMENTS
	PWGSC, OGD's, or tenants		General Public or other contractors		
Examples: Chemical, Biological, Natural, Physical, and Ergonomic					Note: When thinking about this pre-construction hazard assessment, remember a <b>hazard</b> is anything that may cause harm, such as chemicals, electricity, working from heights, etc; the <b>risk</b> is the chance, high or low, that somebody could be harmed by these and other hazards, together with an indication of how serious the harm could be.
Listed below are common construction related hazards. Your project may include pre-existing hazards that are not listed. Contact the Regional Construction Safety Coordinator for assistance should this issue arise.	Yes	No	Yes (TBD by contractor)	No (TBD by contractor)	

Typical Construction Hazards					
Concealed/Buried Services (electrical, gas, water, sewer etc)	X				
Slip Hazards or Unsound Footing	X				
Working at Heights	X				
Working Over or Around Water		X			
Heavy overhead lifting operations, mobile cranes etc.	X				



Marine and/or Vehicular Traffic (site vehicles, public vehicles, etc.)	X				
Fire and Explosion Hazards	X				
High Noise Levels	X				
Excavations	X				
Blasting	X				
Construction Equipment	X				
Pedestrian Traffic (site personnel, tenants, visitors, public)	X				
Multiple Employer Worksite	X				

<b>Electrical Hazards</b>					<b>Comments</b>
Contact With Overhead Wires		X			
Live Electrical Systems or Equipment	X				
<b>Other:</b>					
<b>Physical Hazards</b>					
Equipment Slippage Due To Slopes/Ground Conditions	X				
Earthquake	X				
Tsunami	X				
Avalanche		X			
Forest Fires		X			
Fire and Explosion Hazards	X				
Working in Isolation	X				
Working Alone	X				
Violence in the Workplace	X				
High Noise Levels	X				
Inclement weather	X				
High Pressure Systems	X				
<b>Other:</b>					
<b>Hazardous Work Environments</b>					
Confined Spaces / Restricted Spaces	X				April 01, 2021 - Rev 1 Canada has performed preliminary confined space assessment of the dock tunnel and it is confirmed as "low-atmospheric hazard confined space". For the purposes of the tender, all bidders shall consider work within the dock tunnel to be performed within a confined space as per Section 01 35 33 – Health and Safety Requirements, Work Safe BC Part 9 – Confined Space Regulations and CSA Z1006-10 Management of Work in Confined Space.
Suspended / Mobile Work Platforms	X				
<b>Other:</b>					
<b>Biological Hazards</b>					
Mould Proliferations	X				
Accumulation of Bird or Bat Guano		X			
Bacteria / Legionella in Cooling Towers / Process Water		X			
Rodent / Insect Infestation	X				



Poisonous Plants		X			
Sharp or Potentially Infectious Objects in Wastes	X				
Wildlife		X			
<b>Chemical Hazards</b>					
Asbestos Materials on Site	X				
Designated Substance Present	X				
Chemicals Used in work	X				
Lead in paint	X				
Mercury in Thermostats or Switches		X			
Application of Chemicals or Pesticides		X			
PCB Liquids in Electrical Equipment	X				
Radioactive Materials in Equipment		X			
Other:					
<b>Contaminated Sites Hazards</b>					
Hazardous Waste	X				
Hydrocarbons	X				
Metals	X				
Other:					
<b>Security Hazards</b>					<b>Comments</b>
Risk of Assault	X				
Other:					
<b>Other Hazards</b>					
<b>Other Compliance and Permit Requirements<sup>1</sup></b>			<b>YES</b>	<b>NO</b>	<b>Notes / Comments<sup>2</sup></b>
Is a Building Permit required?				X	
Is an Electrical permit required?			X		
Is a Plumbing Permit required?			X		
Is a Sewage Permit required?			X		
Is a Dumping Permit required?			X		
Is a Hot Work Permit required?			X		
Is a Permit to Work required?			X		
Is a Confined Space Entry Permit required?			X		
Is a Confined Space Entry Log required			X		
Discharge Approval for treated water required			X		

**Notes:**

- (1) Does not relieve Service Provider from complying with all applicable federal, provincial, and municipal laws and regulations.
- (2) TBD means To Be Determined by Service Provider.

<b>Service Provider Acknowledgement: We confirm receipt and review of this Pre-Project Hazard Assessment and acknowledge our responsibility for conducting our own assessment of project hazards, and taking all necessary protective measures (which may exceed those cited herein) for performance of the work.</b>			
<b>Service Provider Name</b>			
<b>Signatory for Service Provider</b>		<b>Date Signed</b>	
<b>RETURN EXECUTED DOCUMENT TO PSPC DEPARTMENTAL REPRESENTATIVE PRIOR TO ANY WORK COMMENCING</b>			