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800 Burrard Street, Room 219
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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

Title - Sujet Keogh River Bridge Replacement	
Solicitation No. - N° de l'invitation EZ899-220114/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client	Date 2021-07-14
GETS Reference No. - N° de référence de SEAG PW-\$PWY-020-9011	
File No. - N° de dossier PWY-1-44030 (020)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Pacific Daylight Saving Time PDT on - le 2021-07-20 Heure Avancée du Pacifique HAP	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Ly, Ronny(PWY)	Buyer Id - Id de l'acheteur pwy020
Telephone No. - N° de téléphone (604) 318-5750 ()	FAX No. - N° de FAX (604) 775-6633
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: PWGSC - Keogh River - Port Hardy, BC	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

Solicitation No. - N° de l'invitation
EZ899-220114/A

Amd. No. - N° de la modif.
001

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

Les documents français seront disponibles sur demande

This Amendment 001 is raised to issue Addendum 001.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

The following changes in the tender documents are effective immediately. This addendum will form part of the Contract documents.

Clarification to Bidders

- Delete in its entirety Appendix B: Preliminary Hazard Assessment Form and replace with the revised form attached to this amendment;
- Delete in its entirety Paragraph 1.5.2 of Section 01 11 55 General Instruction;
- Delete in its entirety Paragraph 1.5.4 of Section 01 11 55 General Instruction and replace with the following:

“The Contractor shall complete all inwater works within the Reduced Risk Window of June 15 to September 15, 2021 where possible. Inwater works shall not occur under any circumstances after October 31, 2021 and the Contractor should be aware that as the timing moves into September and October, there is a high likelihood of increased flows and / or increased fish presence which may require further mitigations and / or work stoppages as determined by the Qualified Environmental Professional.”

- Add Paragraph 3.10.9 to Section 31 23 33.01 Excavation, Trenching and Backfilling as follows:

“All subbase and base fills to be compacted to a 95% modified proctor maximum dry density and densities proven through quality control testing using a nuclear densometer. Nuclear density testing is to be completed at a minimum of once every 25 linear meters per lift. The Contractor is required to engage a 3rd party for nuclear density testing and pay for the associated cost of this testing. All test results shall be sent to the Departmental Representative for review. Nuclear density testing will be considered incidental to the work and no additional payment will be made.”

LIST OF REVISED SPECIFICATIONS

Section 01 11 55 General Instruction and Section 31 23 33.01 Excavation, Trenching and Backfilling as noted above.

LIST OF REVISED DRAWINGS

Drawing Number	Drawing Title	Revision

LIST OF REVISED APPENDICES

Appendix B: Preliminary Hazard Assessment Form



PRELIMINARY HAZARD ASSESSMENT FORM

Project Number:	R.109401.001
Location:	Keogh River Bridge, Port Hardy, B.C.
Date:	2020-06-17
Name of Departmental Representative:	Trevor Greer, PSPC

Site Specific Orientation Provided at Project Location **Yes** **No**

Notice of Project Required **Yes** **No**

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 PWGSC for its own project planning process, and to inform the Contractor of actual and potential hazards that may be encountered in performance of the work. PWGSC 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 Contractor.

TYPES OF HAZARDS TO CONSIDER	Potential Risk for:				COMMENTS
	PWGSC, Other Government Departments, and Inmates		General Public or other provincial contractors		
Examples: Chemical, Biological, Natural, Physical, Psychosocial, and Ergonomic					Note: When thinking about this pre-construction hazard assessment, remember a hazard is anything that may cause harm, such as chemicals, electricity, working from heights, etc; the risk 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	No	

Typical Construction Hazards					Comments
Concealed/Buried Services (electrical, gas, water, sewer, etc)					TBD by contractor
Slip Hazards or Unsound Footing	Yes		Yes		
Working at Heights (2.4m)	Yes		Yes		In a federal work environment the fall protection requirement is 2.4m NOT 3m as per WBC OHSR
Working Over or Around Water	Yes			Yes	Unpredictable water levels, Swift Water Rescue should be considered within the Site Specific Safety Plan
Heavy overhead lifting operations, mobile cranes etc.	Yes		Yes		TBD by contractor



PRELIMINARY HAZARD ASSESSMENT FORM

Marine and/or Vehicular Traffic (site vehicles, public vehicles, etc.)	Yes		Yes		
Fire and Explosion Hazards	Yes		Yes		
High Noise Levels	Yes		Yes		Heavy construction equipment, adjacent to airport and jet engine noise
Excavations	Yes		Yes		
Blasting		No		No	
Construction Equipment	Yes		Yes		
Pedestrian Traffic (site personnel, tenants, visitors, public)	Yes		Yes		
Multiple Employer Worksite	Yes		Yes		Federal and provincial employees may be on site.

Electrical Hazards					Comments
Contact With Overhead Wires					TBD by contractor
Live Electrical Systems or Equipment	n/a		n/a		
Other: Arc Flash	n/a		n/a		

Physical Hazards					Comments
Equipment Slippage Due To Slopes/Ground Conditions	Yes		Yes		
Earthquake	Yes		Yes		
Tsunami	Yes		Yes		
Avalanche		No		No	
Forest Fires	Yes		Yes		
Fire and Explosion Hazards	Yes		Yes		
Working in Isolation		No		No	
Working Alone		No		No	
Violence in the Workplace	Yes		Yes		
High Noise Levels	Yes		Yes		Construction machinery and the site is adjacent to an airport
Inclement weather	Yes		Yes		High winds, and rain
High Pressure Systems		No		No	
Other:					

Hazardous Work Environments					Comments
Confined Spaces / Enclosed Spaces					Follow Worksafe B.C. Confined Space Regulations
Suspended / Mobile Work Platforms	TBD		TBD		TBD by contractor
Other:					

Biological Hazards					Comments
Mould Proliferations		No		No	



PRELIMINARY HAZARD ASSESSMENT FORM

Accumulation of Bird or Bat Guano		No		No	
Bacteria / Legionella in Cooling Towers / Process Water		No		No	
Rodent / Insect Infestation		No		No	
Poisonous Plants		No		No	
Sharp or Potentially Infectious Objects in Wastes	Yes		Yes		
Wildlife	Yes		Yes		Deer, coyotes
Other					
COVID 19	Yes		Yes		Reference: CSA National COVID 19 Standardized Protocol, Province of B.C. Construction - Business PHO, Worksafe, B.C.

Chemical Hazards					Comments
Asbestos Materials on Site		N/A		N/A	
Designated Substance Present		N/A		N/A	If "yes" a pre-project designated substance survey report is required.
Chemicals Used in work (see comments)	Yes		Yes		WHMIS 2015 SDS for all products being used
Lead in paint (See comments)	Yes		Yes		Contractor shall follow federal and provincial regulations. Reference: Aquaterra Fish Habitat Assessment Report, Dated March 03, 2021
Creosote (See comments)	Yes		Yes		Contractor shall follow federal and provincial regulations. Reference: Aquaterra Fish Habitat Assessment Report, Dated March 03, 2021
Application of Chemicals or Pesticides		N/A		N/A	
PCB Liquids in Electrical Equipment		N/A		N/A	
Radioactive Materials in Equipment		N/A		N/A	
Other: Silica (See comments)	Yes		Yes		Reference Worksafe B.C. silica and rock dust regulations

Contaminated Sites Hazards					Comments
Hazardous Waste		No		No	
Hydrocarbons		No		No	
Metals		No		No	
Other:					
Security Hazards					Comments
Risk of Assault	Yes		Yes		
Other:					

Other Hazards	Comments



PRELIMINARY HAZARD ASSESSMENT FORM

Other Compliance and Permit Requirements ¹	YES	NO	Notes / Comments ²
Is a Building Permit required?		n/a	
Is a Electrical permit required?		n/a	
Is a Plumbing Permit required?		n/a	
Is a Sewage Permit required?		n/a	
Is a Dumping Permit required?	TBD		Contractor shall follow federal/provincial regulations
Is a Hot Work Permit required?	Yes		Mandatory for any hot work process
Is a Permit to Work required?		No	
Is a Confined Space Entry Permit required?	Yes		Mandatory for all Confined Spaces
Is a Confined Space Entry Log required?	Yes		Mandatory for all Confined Spaces
Discharge Approval for treated water required?	n/a	n/a	

Notes:

- (1) Does not relieve Contractor from complying with all applicable federal, provincial, and municipal laws and regulations.
- (2) TBD means To Be Determined by Contractor.
- (3) Contractor and employees (including sub-trades) must attend a CSC/PSPC Security and Safety Orientation prior to gaining any access to institutional property prior to work commencing.

Prime Contractor Acknowledgement: We confirm receipt and review of this Preliminary 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.			
Contractor Name			
Signatory for Contractor		Date Signed	
RETURN EXECUTED DOCUMENT TO PWGSC DEPARTMENTAL REPRESENTATIVE.			