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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> Asbestos Abatement of Suspended Cei	
<b>Solicitation No. - N° de l'invitation</b> EZ899-182095/A	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b>	<b>Date</b> 2017-12-19
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWY-036-8246	
<b>File No. - N° de dossier</b> PWY-7-40296 (036)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-12-29</b>	<b>Time Zone Fuseau horaire</b> 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> 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: Destination - des biens, services et construction:</b> DFO - Institute of Ocean Sciences - Sidney, 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 Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur</b>	
<b>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)</b>	
<b>Signature</b>	<b>Date</b>

Solicitation No. - N° de l'invitation  
EZ899-182095/A  
Client Ref. No. - N° de réf. du client

Amd. No. - N° de la modif.  
001  
File No. - N° du dossier  
pwy-7-40296

Buyer ID - Id de l'acheteur  
pwy036  
CCC No./N° CCC - FMS No/ N° VME

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This Solicitation Amendment 001 is raised to incorporate responses to questions received, to incorporate a revised Annex A – Certificate of Insurance, and to incorporate the Site Visit Attendee List.

Please find following responses to questions received, Annex A – Certificate of Insurance (Revised), and the Site Visit Attendee List.

All other terms and conditions remain unchanged.

Q1.) **Insurance:** You have indicated the need of a builders risk or insulation floater equal to the value of the project, this is usually required if we are building or installing new products. In your building which we are not. This will cost extra to the project for no reason, do you still require this floater, all the other insurance requirements will remain the same as indicated.

A1.) Builder's Risk / Installation Floater insurance is not required.

Please refer to Annex A – Certificate of Insurance (Revised)

Q2.) Will the ventilation system be shut down throughout our phases?

A2.) Project is to be performed after hours.

Air handling units will not be running after hours and shutdown schedule can be adjusted to suit project requirements.

Q3.) The clear sealant that you have asked us to spray after the abatement, is this a towerthon product as we use for locking down fibers in abatement work?

A3.) Wherein 01 11 55 GENERAL INSTRUCTIONS

**Section 2.2.4** For the above-noted Rooms and Corridors in Sections 2.2.1 and 2.2.2, the application of specified clear coat encapsulation to plenum level unpainted drywall with asbestos containing drywall joint compound is to be undertaken as described in Section 028213 and as directed by the Departmental Representative.

Wherein 02 82 13 HAZMAT SPECIFICATIONS

**Section 2.1.11** Encapsulation materials shall comply at a minimum with CGSB 1-GP-205M requirements, be clear drying, and be approved by the Owner prior to the materials being delivered to the project site. Approved materials include Towerthon Sealant 20300 (Cloverdale Industrial Protective Coatings) and Grip-Tack 6408-Clear (Fiberlock Technologies).

Q4.) Insurance: Page 18 of the Invitation of Tender – Contractor Pollution Liability Insurance requests 1 million, however; Under Section 02 82 13 page 2 of 25 – 1.3.2.1 c) 5 million is requested. Which amount is required for this tender?

A4.) Please refer to Annex A – Certificate of Insurance (Revised) for insurance requirements.

Q5.) Section 01 11 55 – Page 11 of 12 – 30.0 Security Clearance – 30.1 – What security check / requisite clearance is being instructed/required to enter the premises?

A5.) Security clause has been removed from this contract. DFO will be supplying escort.

Q6.) Section 01 35 33 – 6.0 Responsibility - 6.1 – states the asbestos contractor is the Prime Contractor. Under Section 01 11 55 Scope of 2.2 and 4.0 our work will be phased with other trades completing the refit work.

Question: - Is the abatement contractor to assume the role of Prime Contractor as stated and have our representative manage and be on site full time while other trades complete their work between and after the 3 abatement phases?

A6.) All the refit work following completion of the specified abatement works was to be done by other trades and entirely separate from the requirements and responsibilities specified for the abatement works contractor.

Q7.) Who is responsible for the submission of submittals as per Section 01 33 11 for the work of others (refit work)?

A7.) All the refit work following completion of the specified abatement works was to be done by other trades and entirely separate from the requirements and responsibilities specified for the abatement works contractor.

Q8.) Light Fixtures – Do light fixtures have to be removed if they can be cleaned in place and remain suspended?

A8.) Most of the light fixtures are new and will have little dust. Would like to have remain in place.

Q9.) Existing furniture, general office materials, documents, computers, etc. –

- Who is responsible for the moving of these objects?
- If these objects remain, are these objects considered asbestos contaminated and require cleaning?
- If we are to move office furnishings, etc. as listed above – where will these products be stored?
- Existing window blinds, will these blinds be removed?
- Are window blinds that remain considered asbestos contaminated?

A9.) -We (pwgsc and RPSS) can make arrangements for moving items.

-Yes if they remain they will require cleaning unless containment is supplied around them.

-If they are moved we will take care of the location.

-No, but wouldn't they be behind the containment? If necessary we can have them removed but I see this as an unnecessary step.

-Not if they are behind containment.

Q10.) Lead paint is indicted to exist on the wall surfaces. Applying 6 mil plastic sheeting to these walls will likely cause paint damage.

- Is the refinishing of these walls going to be covered by others under a separate contract inclusive of potential paint damage from plastic sheeting?
- Who is responsible for the lead paint sanding that would be required during the repair of wall surface?

A10.) All the refit work following completion of the specified abatement works was to be done by other trades and entirely separate from the requirements and responsibilities specified for the abatement works contractor.

Damages to drywall are to be addressed by the abatement contractor, wherein 02 82 13 HAZMAT SPECIFICATIONS the following and other apply:

**Section 2.1.5** - Method of attaching polyethylene sheeting shall be agreed upon in advance by the Contractor and Consultant, and selected to minimize damage to equipment and surfaces. Special care shall be taken to minimize damage to painted drywall And Other surfaces. Method of attachment may include any combination of cloth reinforced duct tape, furring strips, spray glue, staples, nails, screws or other effective procedures capable of sealing adjacent sheets of polyethylene and capable of sealing polyethylene to dissimilar finished or unfinished surfaces under both wet and dry conditions (including the use of amended water).

**Section 3.4.2** - Repair all areas of damage that occurred as a result of abatement activities. The drywall with asbestos containing drywall joint compound is not to be removed however, repairs to damaged drywall and other consequential appurtenances resulting from suspended ceiling tracking removal are to be satisfactorily prepared (mudded and sanded in readiness for application of occupancy level paint (by others) and re-installation of tracking (by others) as described and directed by the Departmental Representative.

Q11.) Who is responsible for the asbestos work methods used when considering the health and safety of the asbestos contractors' own work force?

A11.) The abatement contractor is responsible for every aspect of the abatement process including asbestos methods used when considering the health and safety of the asbestos contractors' own work force and also for all other potentially impacted personnel including unprotected workers that may come in proximity to the abatement project works.

Q12.) The upper Q deck metal flutes are open into the various rooms being abated of drywall dust. Info.

- Are these flute seals to remain or be removed upon our completion of the abatement work?

A12.) The Q-Deck ceiling flute seals placed by the abatement contractor for temporary enclosure of work areas are to be removed upon completion of the abatement work, Wherein 02 82 13 HAZMAT SPECIFICATIONS the following and other apply:

**Section 3.1.1.8** - Seal off all windows, doorways, elevator openings, corridor entrances, drains, ducts, grills, grates, diffusers, skylights and any other openings between the work area and non-contaminated areas outside of the work area (including the outside of the building, tunnels and crawl spaces) with polyethylene sheeting and duct tape.

**Section 3.1.11.1** - Remove the cleaned polyethylene sheeting from walls and floors. When removing polyethylene sheeting, the material shall be carefully rolled away from the walls to the centre of the work area. As polyethylene is removed from the work area, all surfaces shall be HEPA vacuumed or wet cleaned. Windows, doors, HVAC system vents and all other openings shall remain sealed. The negative pressure ventilation units shall remain in continuous operation until clean-up is complete.

**Section 3.2.7.6** - When removing polyethylene sheeting, the material shall be carefully rolled away from the walls to the centre of the work area. As polyethylene is removed from the work area, all surfaces shall be HEPA vacuumed or wet cleaned.

The above notations regarding Q-Decking ceiling flute seals is different from that of the insulations applied to isolate mid wall height cavities, Wherein 02 82 13 HAZMAT SPECIFICATIONS the following and other apply:

**Section 3.1.7.13** - After completion of the above noted wet-wiping, apply insulation between exposed stud works at mid wall height level to close openings near top of office interior drywall sheeting which stops between approximately 2" (5 cm) to 4" (10 cm) above the current suspended ceiling tracking. The application of insulation is to effectively isolate at approximately the suspended ceiling height level the remainder of the wall cavity extending down to the floor level.

Q13.) The floors are specified to be covered with 2 layers of plastic sheeting (Section 02 82 13 – 3.0 Execution 3.1.1.10). Due to the small amount of water being used in the work process and the relatively low volume of work tasks being performed in the rooms – can the floor covering be reduced to a single, fiber reinforced 12 mil layer?

A13.) No reduction in allowable floor covering is recommended due to the preferred requirement for protection of the: 1.) wall to wall carpeting present within the Offices

(Rooms 1217, 1217a, 1218, 1218b, 1220, 1221, 1223, 1224, 1225, & 1239), Mid-Office Corridor, and South Corridor; and 2.) the presently well maintained good condition balance vinyl sheet flooring and vinyl floor tiles. Accordingly I recommend the specified requirements be retained and implemented are noted in 02 82 13 HAZMAT SPECIFICATIONS

**Section 3.1.1.10** - Cover floors and walls in the work area with polyethylene sheeting. Cover floors first so that sheeting extends at least 12 inches (305 mm) up the walls of the work area. Minimum floor covering shall consist of one top layer of fibre reinforced 12 mil (0.30 mm) polyethylene sheeting, and one bottom layer of 10 mil (0.25 mm) polyethylene sheeting. It is recommended that additional layers of polyethylene sheeting be utilized as drop sheets to aid in clean-up of bulk materials.

**ANNEX A - CERTIFICATE OF INSURANCE (REVISED)** (Not required at solicitation closing)  
**CERTIFICATE OF INSURANCE**



<b>Description and Location of Work</b>  <b>Asbestos Abatement of Suspended Ceiling and Plenum                  -Institute of Ocean Sciences Physics Building Lower Level, Sidney, BC</b>	Contract No. EZ899-182095/001/PWY
	Project No. R.086555.009

Name of Insurer, Broker or Agent	Address (No., Street)	City	Province	Postal Code
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Name of Insured (Contractor)	Address (No., Street)	City	Province	Postal Code
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Additional Insured  
*Her Majesty the Queen in Right of Canada as represented by the Minister of Public Works and Government Services*

Type of Insurance	Insurer Name and Policy Number	Inception Date D / M / Y	Expiry Date D / M / Y	Limits of Liability		
				Per Occurrence	Annual General Aggregate	Completed Operations Aggregate
<b>Commercial General Liability</b>  <b>Umbrella/Excess Liability</b>				\$	\$	\$
				\$	\$	\$
<b>Pollution Liability</b>				\$		Aggregate
				<input type="checkbox"/> Per Incident <input type="checkbox"/> Per Occurrence		\$

I certify that the above policies were issued by insurers in the course of their Insurance business in Canada, are currently in force and include the applicable insurance coverage's stated on page 2 of this Certificate of Insurance, including advance notice of cancellation / reduction in coverage.

Name of person authorized to sign on behalf of Insurer(s) (Officer, Agent, Broker)

Telephone number

Signature

Date D / M / Y

General

The insurance policies required on page 1 of the Certificate of Insurance must be in force and must include the insurance coverage listed under the corresponding type of insurance on this page.

The policies must insure the Contractor and must include Her Majesty the Queen in Right of Canada as represented by the Minister of Public Works and Government Services as an additional Insured.

The Policy shall be endorsed to provide the Owner with not less than 30 days' notice in writing in advance of any cancellation or change or amendment restricting coverage.

Without increasing the limit of liability, the policies must protect all insured parties to the full extent of coverage provided. Further, the policies must apply to each Insured in the same manner and to the same extent as if a separate policy had been issued to each.

Commercial General Liability

The insurance coverage provided must not be substantially less than that provided by the latest edition of IBC Form 2100.

The policy must either include or be endorsed to include coverage for the following exposures or hazards if the Work is subject thereto:

- (a) Blasting.
- (b) Pile driving and caisson work.
- (c) Underpinning.
- (d) Removal or weakening of support of any structure or land whether such support be natural or otherwise if the work is performed by the insured contractor.

The policy must have the following minimum limits:

- (a) **\$5,000,000** Each Occurrence Limit;
- (b) **\$10,000,000** General Aggregate Limit per policy year if the policy contains a General Aggregate; and
- (c) **\$5,000,000** Products/Completed Operations Aggregate Limit.

Umbrella or excess liability insurance may be used to achieve the required limits.

**Contractors Pollution Liability**

The policy must have a limit usual for a contract of this nature, but not less than **\$1,000,000** per incident or occurrence and in the aggregate.

Site Visit Sign-In

Solicitation No: EZ899-182095  
 Project Description: Asbestos Abatement  
 Location: Institute of Ocean Sciences, Sidney, BC  
 Site Visit Date and Time: December 12, 2017 @ 10:00 AM

Company Name*	Name of Representative	Phone / Email Address
BC Green	Michael Zaigarr	778-897-5232 Zaigarrmichael@gmail.ca
Rainey Contracting Ltd	Robb Murray	(250) 883-1472 robbmurray@rainey.com
NURON ENVIRONMENTAL SOLUTIONS	AALON AZEN	250 360 7550 AALON@NURONBCNU.CA
Enviro Vac	Mike Bobb	604 541-7694 mbobb@envirovac.com
HL Demolition	Hal Logobos	750 383-4444 hl.demolition@shaw.ca
Orcan Health & Safety	Elizabeth Mildew	250-812-0757 e.mildew@casafety.ca
Remwall	DAVE ROBSON	DAVE@remwall.ca

\*Company names may be identified on buyandsell.gc.ca/tenders.