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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> Remplacement de l'ASI du CNRC au We Remplacement de l'ASI du CNRC au West Saanich	
<b>Solicitation No. - N° de l'invitation</b> EZ899-221150/B	<b>Amendment No. - N° modif.</b> 003
<b>Client Reference No. - N° de référence du client</b>	<b>Date</b> 2021-11-08
<b>GETS Reference No. - N° de référence de SEAG</b> PW-SPWY-047-9067	
<b>File No. - N° de dossier</b> PWY-1-44107 (047)	<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 Standard Time PST <b>on - le 2021-11-16</b> Heure Normale du Pacifique HNP	
<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> Kyle (PWY), Davis	<b>Buyer Id - Id de l'acheteur</b> pwy047
<b>Telephone No. - N° de téléphone</b> (250) 869-6395 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> SSC – Dominion Observatory – 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  
EZ899-221150/B

Amd. No. - N° de la modif.  
003

Buyer ID - Id de l'acheteur

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

File No. - N° du dossier

Solicitation Amendment 003 is raised to indicate that:

1. Answer questions in attached addendum 3.

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

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**.1 Drawings**  
**No changes this addendum**

**.2 Specifications**  
**No changes this addendum**

**.3 Responses (R) to Questions (Q) Received:**

**Q.1** What is the ceiling type for mechanical anchors? Concrete?

**R.1** *Confirmed. Ceiling in both areas is concrete slab.*

**Q.2** What is the ceiling height in the electrical room where the exhaust fans are being installed?

**R.2** *Ceiling height in electrical room is ~5380mm.*

**Q.3** In order to provide the correct steel quantities for the security bars, what are the existing louvre sizes?

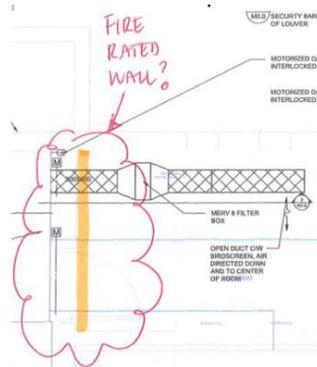
**R.3** *Louvers are 52" x 52".*

**Q.4** In order to provide the correct steel quantities for the security bars, what are the existing louvre sizes?

**R.4** *The louvers are at ground level on the exterior of the building no man lift required.*

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**Q.5** Refer to mechanical drawing M1.0 - Please confirm if the wall in the included scanned sketch is fire rated or not. No fire damper shown but would like to confirm:



**R.5** Consider this wall to be fire rated. Provide fire dampers in bid.

**Q.6** Are there any more site pictures available specifically showing rooms where the current UPS units are located. This will enable us to get a good idea of how the new unit is getting into the room and how we are getting the old units out

**R.6** Photos not provided. Owner measured the pinch points along the access routes as follows: To UPS 1 there are 2 double doors that open to 66", then hallway that is 56" wide that leads to the boiler room doors which are double so can open 66". In the boiler room you have an access walkway between pumps on one side and boilers on the other of 48" which leads to electrical room door which opens to 34". This accesses the UPS1

Access to UPS 2 is from outside by a ramp that is 52" wide to mechanical room door that opens 39" with a walkway to the UPS 2 of 34" between the equipment. Small step up to the door to access the mechanical room for UPS 2 is 2" and can easily accommodate a ramp if required.

**Q.7** Can we get pictures of the nameplates on the current UPS 1 & 2 showing Manufacturer and model Number

**R.7** *Photo Provided, both UPS units are the same model: Comet 80 kVA UPS, EOSL, OEM = Schneider Electric.*

*UPS-1*

Equipment data		Customer Ref. :	
Equipment concerned	: Comet	Install/Startup date	: January, 20 2001
UPS Power Rating	: 80 kVA	Serial number	: 238663-01
Phase Type	: 3:3		

*UPS-2*

Equipment data		Customer Ref. :	
Equipment concerned	: Comet	Install/Startup date	: September, 09 2005
UPS Power Rating	: 80 kVA	Serial number	: B05-12546
Phase Type	: 3:3		

*Nameplate Photograph:*



**Q.8** Can we get a picture of the UPS displays showing loads.

**R.8** Refer to R9 for loading details.

**Q.9** What is the current load on UPS 1

**R.9** Photo of log:

	June 2019	Sept 3, 2019	Oct 4, 2019	Nov 27, 2019
<b>UPS-1:</b>	56% (44.8 kVA)	57% (45.6 kVA)	61% (48.8 kVA)	59% (47.6 kVA)
<b>UPS-2: (DC Dedicated)</b>	39% (31.2 kVA)	43% (34.4 kVA)	43% (34.6 kVA)	43% (34.8 kVA)
<b>TOTAL*</b>	<b>95% (76.0 kVA)</b>	<b>100% (80 kVA)</b>	<b>104% (83.4 kVA)</b>	<b>102% (82.4 kVA)</b>
* red indicates loss of 2N				

Jan 8, 2020	June 3, 2020	Sept 20, 2021
58% (46.4 kVA; 37.12 kW)	52% (41.6 kVA; 33.28 kW)	51% (40.8 kVA; 32.64 kW)
44% (35.2 kVA; 28.16 kW)	42% (33.6 kVA; 26.88 kW)	37% (29.6 kVA; 23.68 kW)
<b>102% (81.6 kVA; 65.28 kW)</b>	<b>88% (70.4 kVA; 56.32 kW)</b>	<b>88% (70.4 kVA; 56.32 kW)</b>

**Q.10** What is the current load on UPS 2

**R.10** Refer to R9 for loading details.

**END OF ADDENDUM No. 3**