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**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**

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**Issuing Office - Bureau de distribution**

Public Works and Government Services Canada - Pacific  
Region  
800 Burrard Street, Room 219  
800, rue Burrard, pièce 219  
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<b>Title - Sujet</b> Mechanical System Upgrade for North Modernisation du système mécanique des ailes nord et sud	
<b>Solicitation No. - N° de l'invitation</b> EZ899-222066/A	<b>Amendment No. - N° modif.</b> 007
<b>Client Reference No. - N° de référence du client</b>	<b>Date</b> 2022-05-06
<b>GETS Reference No. - N° de référence de SEAG</b> PW-SPWY-031-9116	
<b>File No. - N° de dossier</b> PWY-1-44210 (031)	<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 2022-05-12</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> Leung, Janie	<b>Buyer Id - Id de l'acheteur</b> pwy031
<b>Telephone No. - N° de téléphone</b> (778) 919-3273 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> CSC - Kent Institution - Agassiz, BC	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

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<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  
EZ899-222066/A

Amd. No. - N° de la modif.  
007

Buyer ID - Id de l'acheteur  
PWY031

Client Ref. No. - N° de réf. du client  
R.077722.001

File No. - N° du dossier  
PWY-1-44210

CCC No./N° CCC - FMS No./N° VME

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This Amendment 007 is raised to issue Addendum #5.

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

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

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## **1.0 SPECIFICATION:**

### **.1 Section 05 31 00 – Steel Decking**

- .1 **DELETE** Item 1.4.3.

## **2.0 DRAWINGS:**

### **.1 Mechanical**

- .1 Use the attached “Reissued For Tender” set dated 2022-02-14. This set will take precedence over the original “Issued For Tender” set dated 2021-11-05 posted on 2022-03-31. Updates are noted below”
  - .1 M0-00: Few titles of Mechanical and Structural drawing are corrected
  - .2 M1-01: Drawing Title corrected
  - .3 M2-03: Drawing Title corrected
  - .4 M2-08: Key Notes # 4 and 15 changed to read “N/A”
  - .5 M2-09: “CONNECT TO EXISTING” symbol changed. Key Notes # 1, 3, 4, 14 and 15 changed to read “N/A”.
  - .6 M5-06: Stamp on drawing stating “Preliminary- Not For Construction” is removed.

### **.2 Structural**

- .1 Use the attached “Reissued For Tender” set dated 2022-05-06. This set will take precedence over the original “Issued For Tender” set dated 2021-11-05 posted on 2022-03-31. Updates are noted below”
  - .1 “WSP” logo added to the drawings. No contents change.

## **3.0 RESPONSE FOR RFI:**

- .1 Q.: On M5-06, the chilled water system loop from the buffer tank to the rooftop air source heat pumps show “GCWS/GCWR”. Please confirm if this is a glycol system and what % glycol. There is also no heat exchanger shown so if it is glycol, is the entire system throughout the building filled with glycol? If there is no glycol, please confirm if there is heat tracing needed on the rooftop portion of piping.

*Response:* This is a typo. Lines should read CWS/CWR. There is no glycol in the system.

- .2 Q.: Also, please confirm if freeze-protection is needed for the heating water to the rooftop air source heat pumps. Is heat tracing needed or is there a glycol system? If it's a glycol system, is the entire loop throughout the building filled with glycol and what % is it?
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*Response:* Heat tracing is required for chilled water and hot water pipes on roof exposed to the atmosphere. Refer to "General Notes" number 2 on M5-06. There is no glycol in the system.

- .3 Q.: The specified air source heat pumps are the longest lead time equipment at 35 weeks and currently part of phase I. With shop drawing review, installation and commissioning we are probably looking at 48 weeks from contract award to complete this work. However, phase I is required to be completed in 44 weeks. Is there flexibility on the schedule? If not, we may need to complete the North phase (Phase II) first, and the south phase second so that we have enough time for delivery and can install these units during the winter of 2023/24.

*Response:* ASHP installation is not necessarily part of construction Phase-1. Refer to item 1.4.2 of Specification Section 01 01 50 for more info. Flexibility in the order of phasing is acceptable but the total duration of the contract remains as noted in Specification Section 01 01 50.

- .4 Q.: Spec 26-05-21, clause 2.1.2 asks for 1kV wire insulation, but clause 2.4.2 asks for 600V wire insulation, which is correct?

*Response:* It's intended that 1kV wire insulation is used for 347/600V installations and 600V wire insulation is used for 120/208V installations.

- .5 Q.: Spec 26-24-19, clause 3.3.1 states control wiring shall be by Div.23, but clause 3.3.2.2 states control wiring shall be by Div.26, which is correct?

*Response:* All low voltage control wiring and supporting infrastructure shall be by Div. 23. Div. 26 to only provide control wiring in excess of 120V. Coordinate all requirements with mechanical controls contractor.

- .6 Q.: Would you like 3-phase magnetic starters for ASHP-S1 and ASHP-S2?

*Response:* No starters are required for ASHP-S1 and ASHP-S2. These units can be fed directly from a circuit breaker and will be controlled by an internal control panel.

- .7 Q.: Drawing E3-0, general note #14 (bottom half of drawing) asks for ten new manual starters in MCC section #7. Are these ten spare starters for future use?

*Response:* These starters are intended to be used for new exhaust fans, unit heaters, pumps, cabinet unit heaters, and fan coil units as required and to split up circuits as indicated in general note #15. The remainder will be spare for future use.

- .8 Q.: Drawing E3-01, general note #6 asks for ten new manual starters in MCC section #7. Are these ten spare starters for future use?
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*Response:* These starters are intended to be used for new exhaust fans, unit heaters, pumps, cabinet unit heaters, and fan coil units as required and to split up circuits as indicated in general note #11. The remainder will be spare for future use.

- .9 Q.: Please indicate on the drawings which FA duct smoke detectors are relocated and which detectors are new? Some AHU's on the new layout have two or three duct smokes so I presume new duct smokes are required, please clarify?

*Response:* Contractor to include for providing new duct smoke detectors for all AHUs. No duct smoke detectors are to be relocated.

- .10 Q.: Please confirm that we can add additional fire alarm devices to the existing fire alarm system.

*Response:* Contractor to fully investigate this onsite. Best efforts have been made to determine that the fire alarm system can accept the new devices as shown.

- .11 Q.: Are we to allow for removal and reinstall of existing lighting to accommodate mechanical? If so, please provide lighting drawings of affect areas so we can determine scope of removal and reinstall?

*Response:* Contractor to allow for removal, relocation and reinstallation of existing lighting to accommodate mechanical and structural installations in the North Mechanical Room, South Mechanical Room and Boiler Room. Estimated number of lights to remove and reinstall in the North Mechanical Room is 20, South Mechanical Room is 13, and Boiler Room is 3.

- .12 Q.: Drawing E2-07 schematic diagrams only indicate 120V loads switched by 1-phase manual starters at the MCC, for 3-phase load shall we allow for magnetic starters located adjacent to the MCC?

*Response:* Contractor to allow for external magnetic starters located adjacent to the MCC for 3-phase loads where required.

- .13 Q.: Section 07 52 00 requires a warranty for the roof patching. The warranty can be provided assuming there is an existing warranty on the roof. the duration for the warranty on the patching will only be for the duration left on the original warranty... please confirm. Alternatively the patched areas would need to separated from the existing roof in order to provide a warranty on the patched areas.. please review and confirm and provide details as required.

*Response:* Cs the roof patches has a separate warranty, the validity of the roof patches warranty is tied in to the existing roof warranty.

- .14 Q.: The ships ladder on drawing A0-04 (detail 9) of the above project is shown as 6100mm tall. As per the guidelines for WorkSafeBC OHS part 13, a ships ladder can be no more than 4 metres tall. Please confirm we are able to add a landing
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halfway up the ships ladder to allow each ships ladder section to be within 4 metres.

*Response:* The vertical height of the ship ladder shown on drawing A0-03 is within acceptable range by WorkSafeBC with no landing, i.e., not more than 4 meters. Landing is not required.

#### **4.0 ATTACHMENTS:**

- .1 Mechanical "Reissued For Tender" set.
- .2 Structural "Reissued For Tender" set.

**END OF ADDENDUM #5**

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