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**Bid Receiving - PWGSC / Réception des soumissions -  
TPSGC**

**11 Laurier St. / 11, rue Laurier**

**Place du Portage, Phase III**

**Core 0B2 / Noyau 0B2**

**Gatineau, Québec K1A 0S5**

**Bid Fax: (819) 997-9776**

**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**

Electrical & Electronics Products Division

11 Laurier St./11, rue Laurier

7B3, Place du Portage, Phase III

Gatineau, Québec K1A 0S5

<b>Title - Sujet</b> Purchase of Shelving & Installation	
<b>Solicitation No. - N° de l'invitation</b> 5X001-170733/A	<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b> 5X001-170733	<b>Date</b> 2017-11-20
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$HN-465-73690	
<b>File No. - N° de dossier</b> hn465.5X001-170733	<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> <b>on - le 2017-12-18</b>	
<b>Time Zone</b> Fuseau horaire Eastern Standard Time EST	
<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> Nadeau, Alexandra	<b>Buyer Id - Id de l'acheteur</b> hn465
<b>Telephone No. - N° de téléphone</b> (819) 420-2859 ( )	<b>FAX No. - N° de FAX</b> (819) 953-4944
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

**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>

This amendment 002 is being raised to address questions submitted by potential bidders and to modify the drawings from Annex A – Statement of Work;

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1. Questions and Answers, All questions appear in their original format and language. The T.A's response appears in ***BOLD AND ITALIC***.

Q2) The Phase 1 drawing and descriptions are contradictory. The drawing illustrates rows of 34 bays and 30 bays whereas the description is requesting 50 bays and 44 bays. Which is correct?

***A2) We amended the drawing and the descriptions to ensure we are clear on the total number of bays in each row of racking and to ensure we are consistent with our terminology. We added a side view of the racking. Please refer to the amended Phase I and Phase II floor plan drawings.***

Q3) The Phase 2 drawing and descriptions are contradictory. The drawing illustrates rows of 26 bays whereas the description is requesting 38 bays. Which is correct?

***A3) We amended the drawing and the descriptions to ensure we are clear on the total number of bays in each row of racking and to ensure we are consistent with our terminology. We added a side view of the racking. Please refer to the amended Phase I and Phase II floor plan drawings.***

Q4) The frame description mentions 10 vertical folds and 14ga. steel. This should be irrelevant if the required capacity is provided.

***A4) It can be useful for other bidders.***

Q5) What are the vertical spacings of the beams? (i.e.: Slab to top of beam and top of beam to top of beam). No elevation drawing was provided. This is needed for frame capacity verification.

***A5) The vertical spacing between beams is 5 ft (i.e.60 inches)***

Q6) What are the weight and dimensions of the boxes being stored? (i.e.: width, depth, height & maximum weight) We require this information to verify if capacities provided in component descriptions are sufficient.

***A6) The boxes being stored on average weight 24-30lbs. We place 32 boxes per pallet. The dimensions of the boxes being used are 15 inches (length) by 12 inches (width) by 10 inches (height). According to the specs provided by manufacturer, up to 60lbs is the maximum weight.***

Q7) Are the boxes stored on pallets and the pallets placed in the rack or are the boxes manually hand loaded directly onto the rack? If the latter, why do you require 12" row spacers? 6" will be sufficient for fire suppression flue space provided the boxes do not overhang the rack depth.

**A7) All our boxes are stored on pallets first and then placed on a rack. A complete pallet holds a total of 32 boxes.**

Q8) All racking should be reviewed for seismic compliance, especially for the Ottawa region due to its proximity to fault lines. This being said, 3 anchors per frame may not be sufficient (4 anchors recommended) and special thicker foot plates will be required to resist uplift moments. Ontario certified Structural Engineer to provide details for this requirement.

**A8) We only require a floor scan prior to installation of racking to identify obstructions. The floor study has been already completed by the building management.**

Q9) We assume the slab composition is concrete. Do you have its capacity and thickness so we can verify the point loads and foot plate sizing. Seismic will increase the load on the slab.

**A9) We only require a floor scan prior to installation of racking to identify obstructions. The floor study has been already completed by the building management.**

Q10) The process of completing a GPR scan after award of this contract could prove to be non productive. The GPR scan could change the layout and total amount of components for the project and might be more cost effective to complete before purchasing the pallet racking. If the scan is completed in advance using the floor layout provided; it can be determined if changes need to be made before the purchasing of the racking. At what point of this process will the GPR scan be completed?

**A10) We are not expecting much change in layout after completing the GPR scan. The GPR scan should be completed after purchasing the racking and before installation.**

Q11) ½" concrete wedge anchors – 3 per frame. Most manufacturers are suggesting 2 anchors per frame if the system is placed in a back to back scenario and tied together with row spacers. Do you still require three per frame or is two sufficient?

**A11) We currently have 2 anchors per frame with our new racking and this meets our standards.**

Q12) After reviewing the drawing and the verbiage within the tender package, can we clarify the terminology used to make sure we have the same quantity of material expected? We assume the following – each bay consists of ground plus three beam levels, allowing for 8 pallet locations per bay and the tunnel bay will allow for 4 pallet locations. If so, you require (as in the drawing) Phase 1 – 6 rows of 16 bays plus 1 tunnel bay and 2 rows with 14 bays plus 1 tunnel?

**A12) We amended the drawing and the descriptions to ensure we are clear on the total number of bays in each row of racking and to ensure we are consistent with our terminology. We added a side view of the racking. Please refer to the amended Phase I and Phase II floor plan drawings.**

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Q13) Do you currently have an elevation layout for each bay? Are the beam levels all the same height throughout? The best way to answer this question is to provide the weight and height of each pallet being stored please? This is required for the PSR requirement within your solicitation.

**A13) *The elevation for each level of the racking per bay is 5 feet. The beam levels are all the same height throughout. The height of all pallets being stored in the bays is 44 inches by 40 inches. The weight per pallet fluctuates depending on material between 750 lbs to 1050 lbs.***

Q14) Does the facility have a ground level loading door access? Do they have dock level door access?

**A14) *Yes it does***

Q15) Is a powder coat finish orange colour mandatory or desired?

**A15) *Yes, it is mandatory***

Q16) Can the horizontal bracing be bolted to the frame columns instead of welded?

**A16) *It must be welded***

Q17) Rolled-in step beams are not relevant in all racking systems and should be made desired or removed.

**A17) *Mandatory to ensure consistency with our current racking and to ensure higher weight capacity***

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At pages 6 and 7 of 8 of amendment 001, Annex A – Statement of Work

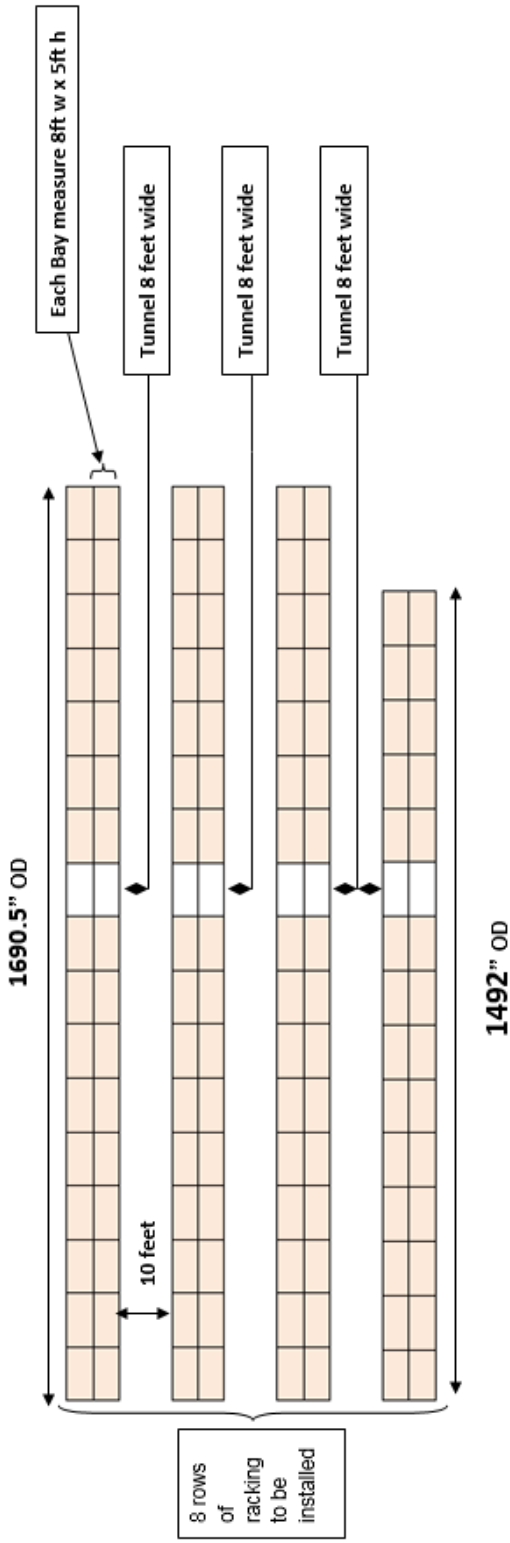
**Delete:** Pages 6 and 7 of amendment 001 in their entirety

**Insert:** Pages 4 to 7 of amendment 002

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**\*\*\*\*\*ALL REMAINING TERMS AND CONDITIONS ARE UNCHANGED\*\*\*\*\***

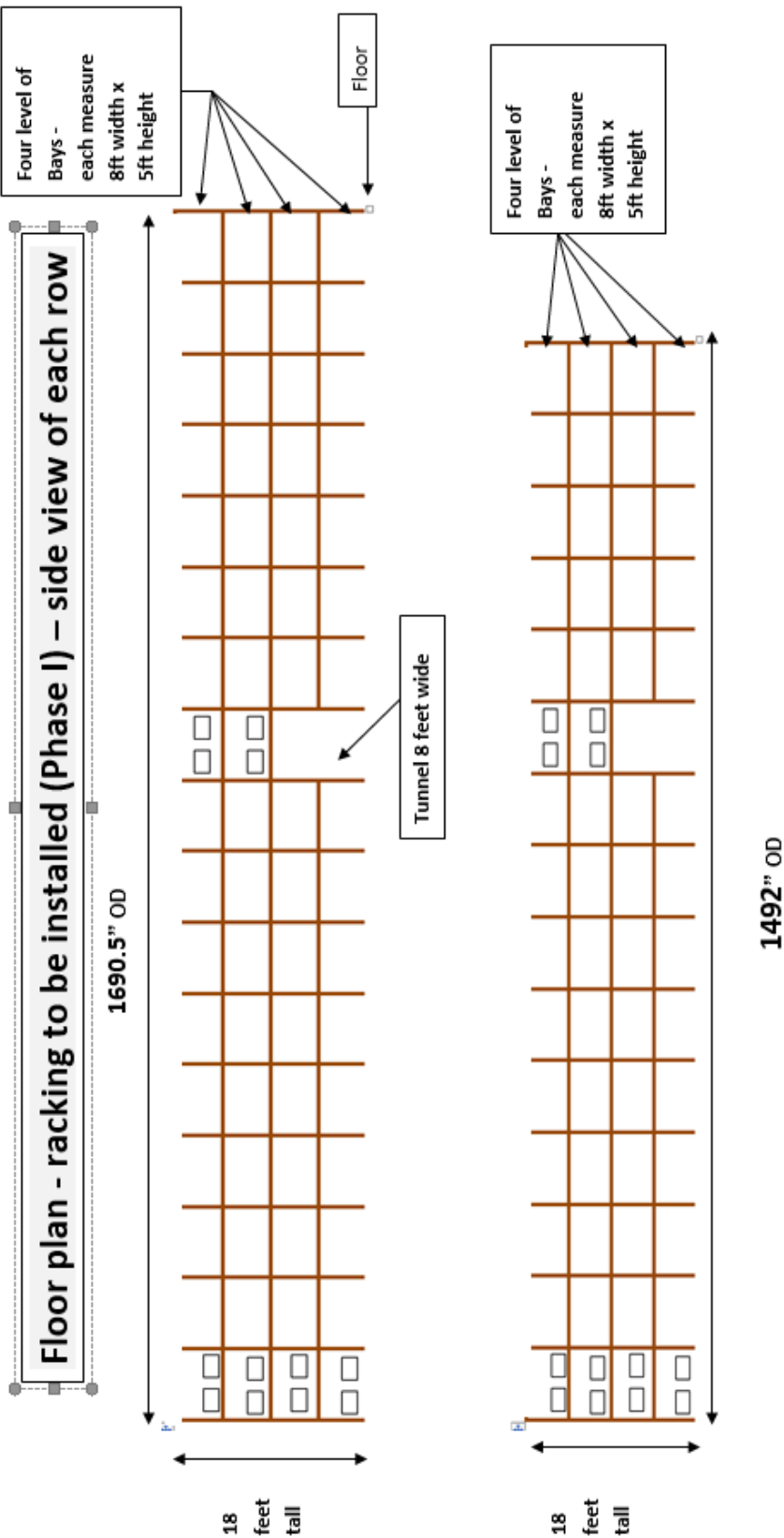
## Floor plan - racking to be installed (Phase I) –Top view



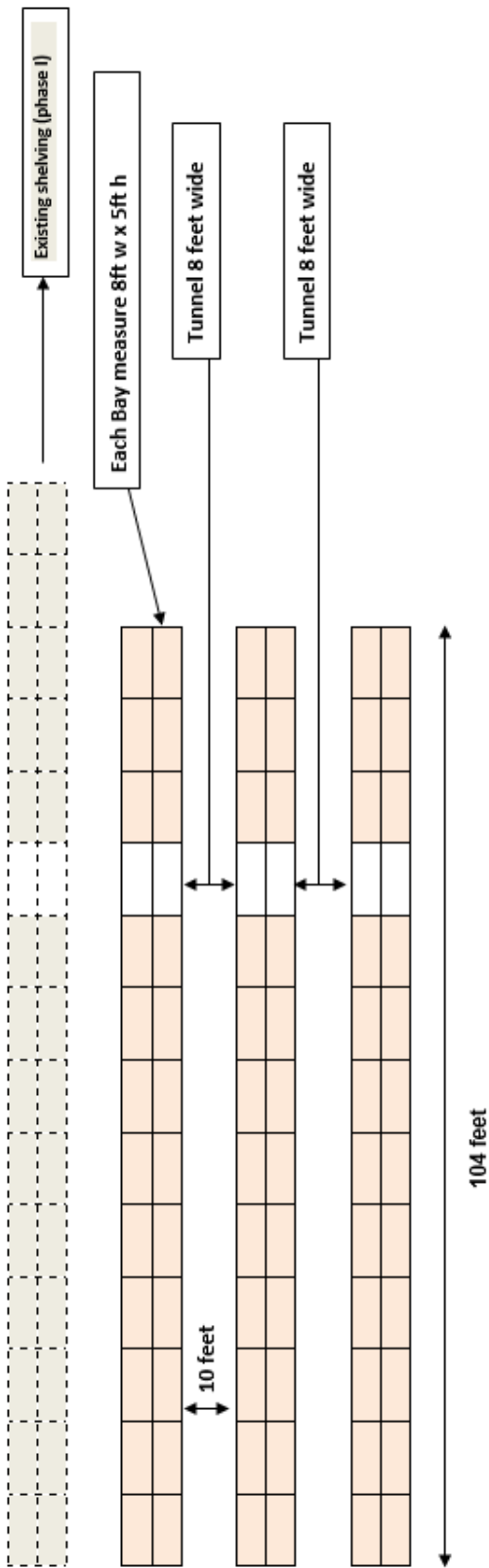
### Description of drawing:

In total 8 rows of racking to be installed including:

- 6 rows of racking, each row consists of 66 bays and measure 1690.5" OD.
- 2 rows of racking, each row consists of 58 bays and measure 1492" OD.
- Each row of racking consists of four levels of bays except for the tunnels that consist of two levels of bays.
- Each row of racking is 18 feet tall.
- Each bay measure 8ft width x 5ft height
- Each row of racking has an 8ft tunnel (size of a bay) for Forklift passage.
- 1.5 per frame in back-to-back row - 12" ROW SPACERS – GALVANIZED.
- Each two back-to-back rows are separated by a distance of 10 feet.



## Floor plan - racking to be installed (Phase II) - Top view



### Description of Phase I floor plan racking:

In total 3 rows of racking to be installed including:

- Each row consists of 50 bays and measures 104 feet.
- Each row of racking consists of four levels of bays except for the tunnels that consist of two levels of bays.
- Each row of racking is 18 feet tall.
- Each Bay measure 8 feet width x 5 feet height
- Each row of racking has an 8ft tunnel (size of a bay) for Forklift passage.
- 1.5 per frame in back-to-back row - 12" ROW SPACERS – GALVANIZED.
- Each two back-to-back rows are separated by a distance of 10 feet.

**Floor plan - racking to be installed (Phase II) – Side view of each row**

