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Ontario Region, Tendering Office  
12th Floor, 4900 Yonge Street  
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M2N 6A6  
Ontario

**Revision to a Request for a Standing Offer**

**Révision à une demande d'offre à commandes**

Departmental Individual Standing Offer (DISO)

Offre à commandes individuelle du département(OCID)

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Offer remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'offre demeurent les mêmes.

**Comments - Commentaires**

**Vendor/Firm Name and Address**

Raison sociale et adresse du  
fournisseur/de l'entrepreneur

**Issuing Office - Bureau de distribution**

Regional Manager/Real Property Contracting/PWGSC  
Ontario Region, Tendering Office  
12th Floor, 4900 Yonge Street  
Toronto, Ontario  
M2N 6A6  
Ontario

<b>Title - Sujet</b> Geotechnical Engineering RFSO		
<b>Solicitation No. - N° de l'invitation</b> EQ754-171056/A		<b>Date</b> 2016-12-22
<b>Client Reference No. - N° de référence du client</b> 20171056		<b>Amendment No. - N° modif.</b> 006
<b>File No. - N° de dossier</b> PWL-6-39088 (029)	<b>CCC No./N° CCC - FMS No./N° VME</b>	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWL-029-2240		
<b>Date of Original Request for Standing Offer</b> Date de la demande de l'offre à commandes originale		2016-11-23
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2017-01-05</b>		<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Standard Time EST
<b>Address Enquiries to: - Adresser toutes questions à:</b> Fok, Bo See		<b>Buyer Id - Id de l'acheteur</b> pwl029
<b>Telephone No. - N° de téléphone</b> (416) 590-8254 ( )	<b>FAX No. - N° de FAX</b> (416) 512-5862	
<b>Delivery Required - Livraison exigée</b>		
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> Ontario Region		
<b>Security - Sécurité</b> This revision does not change the security requirements of the Offer. Cette révision ne change pas les besoins en matière de sécurité de la présente offre.		

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Acknowledgement copy required</b> <b>Accusé de réception requis</b>	<b>Yes - Oui</b> <input type="checkbox"/>	<b>No - Non</b> <input type="checkbox"/>
<b>The Offeror hereby acknowledges this revision to its Offer.</b> <b>Le proposant constate, par la présente, cette révision à son offre.</b>		
<b>Signature</b>	<b>Date</b>	
Name and title of person authorized to sign on behalf of offeror. (type or print) Nom et titre de la personne autorisée à signer au nom du proposant. (taper ou écrire en caractères d'imprimerie)		
<b>For the Minister - Pour le Ministre</b>		

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**Amendment No. 006**

This amendment is raised to 1) incorporate changes to the following sections of the RFSO: Submissions and Requirements and Evaluation (SRE) 3.2.6 Hypothetical Projects; and 2) provide responses to Requests for Clarification.

1) **Revisions to Submission Requirements and Evaluation (SRE)**

Reference: SRE 3 Submission Requirements and Evaluation – 3.2.6 Hypothetical Projects, Project 1, 1.

**Situation**

Proponents are hereby instructed to:

Delete: In its entirety.

Insert:

**Project 1**

1. **Situation**

A multi-storey industrial building with a footprint of 9,000 m<sup>2</sup> is under construction in a remote area. The building will house non-vibrating machinery sensitive to settlement in almost half of the east area and will be supported by deep foundations, the remaining west area will be office space and will be supported on spread footings. A geotechnical investigation report is available, which recommends spread footing foundations with a bearing pressure of 100 kPa for the west office area. Deep pile foundation end bearing in hard stratum at a depth of 12 m for the east half of the building housing machinery. The foundation soil is a 12 m deep deposit of clayey sandy silt which is sensitive to vibrations and moisture. The Geotechnical Report recommends minimizing exposure of the subgrade to elements and immediate placement of concrete for the footings. Upon exposure of the subgrade it recommends gentle non vibratory proof rolling. The subgrade soil is to be inspected and approved by a geotechnical engineer prior to placing concrete. Any soft spots revealed during proof rolling are to be sub excavated and back filled with native material to 95% Standard Proctor Density.

Due to the remoteness of the site and weather conditions the subgrade inspection engineer could not arrive on time to inspect and approve the subgrade for concrete placement. After excavation of the subgrade the contractor prepared the east area for concrete placement and because there was a storm forecasted and the contractor could not wait and risk the subgrade becoming wet and disturbed so the concrete was placed.

The geotechnical engineer upon arrival noted the entire spread footing foundation area under water and recommended pumping out water to expedite drying. The site supervisor's field notes indicate that heavy rain was falling during the placement of concrete for the footings, no comments on the condition of the subgrade soil in the forms. Also additional water was added to the ready mix concrete to improve workability of the concrete since the concrete crew wanted to finish the job quickly, and get out of the rain.

## 2. Requests for Clarification

Q1: I've started working on the response to Hypothetical Project 1, but there is a contradiction in the project description that needs to be clarified. The description mixes up the east and west portions of the site as follows:

It is initially stated that the east portion of the building houses settlement sensitive non vibrating machinery supported on deep foundations. The west portion is office area supported on conventional shallow spread footings. However, in the fifth line of the first paragraph, it then states: "Deep pile foundation end bearing in hard stratum at a depth of 12 m for the west half of the building housing machinery." In the second paragraph, it goes on to state that the contractor prepared the east area for concrete placement (for footings?).

I don't see anything in the addenda in the proposal file that addresses this contraction, although Addendum 1 deletes and replaces the scope of work in the French version only.

Can we please ask for clarification.

A1: Refer to 1) Revisions to Submission Requirements and Evaluation (SRE) above.

Q2: Regarding Categories of Personnel, do the Intermediate and Junior Engineer need to be registered with PEO (P.Eng.)?

A2: Personnel identified as Engineers must be registered as Professional Engineers. An individual who identifies themselves as an "Engineer" must be a professional, registered with a governing body, such as Professional Engineers of Ontario (PEO). Please refer to Submission Requirements and Evaluation (SRE) 3.1.2 Licensing, Certification or Authorization.

All other terms and conditions remain the same.