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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**

THIS DOCUMENT CONTAINS A SECURITY  
REQUIREMENT / DOCUMENT CONTIENT DES  
EXIGENCES RELATIVES À LA SÉCURITÉ

**Vendor/Firm Name and Address**

Raison sociale et adresse du  
fournisseur/de l'entrepreneur

**Issuing Office - Bureau de distribution**

Consultant Services Division/Division des services  
d'experts-conseils  
L'Esplanade Laurier  
4th floor, East Tower  
140 O'Connor Street  
Ottawa  
Ontario  
K1A 0S5

<b>Title - Sujet</b> TSTS Architectural and Engineering Services	
<b>Solicitation No. - N° de l'invitation</b> EP938-212564/A	<b>Amendment No. - N° modif.</b> 004
<b>Client Reference No. - N° de référence du client</b> 20212564	<b>Date</b> 2021-11-05
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$FE-178-80481	
<b>File No. - N° de dossier</b> fe178.EP938-212564	<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> Eastern Standard Time EST <b>on - le 2021-12-10</b> Heure Normale de l'Est HNE	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Matende, Robinah	<b>Buyer Id - Id de l'acheteur</b> fe178
<b>Telephone No. - N° de téléphone</b> (873) 353-8472 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> PSPC PARLIAMENTARY PRECINCT BRANCH DIRECTION GENERALE DE LA CITE O CONNOR ST OTTAWA-ON K1A 0R5 CANADA	

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>

## AMENDMENT 004

This amendment is raised to answer the following questions and to make changes to the RFP.

**The bid closing date is hereby extended to December 10, 2021 at 2:00 pm Eastern Standard Time (EST)**

Questions and Answers																																																																																	
<b>Q6</b>	The RFP indicates that "...(PSPC) will retain the services of an architectural entity with engineering disciplines.". Is there a requirement for the engineering sub consultants to form a joint venture with the architectural discipline? Can the architectural proponent retain engineering disciplines from other companies?																																																																																
<b>A6</b>	It is up to the Proponent to determine its organizational structure (single entity or joint venture) when bidding on this RFP. Proponent should refer to: <ul style="list-style-type: none"> <li>The requirements of the Consultant Team described under SRE 3.1.2 and Appendix A.</li> <li>PROPOSER INSTRUCTIONS (PI) P11 INTRODUCTION 1); <i>Public Works and Government Services Canada (PWGSC) intends to retain an individual consulting firm, or joint venture, to provide professional services to modernize laboratory facilities as part of a program of work related to the Laboratories Canada (LC) Initiative.</i></li> <li>P17 JOINT VENTURE;</li> </ul>																																																																																
<b>Q7</b>	Does PWGSC require the Prime Team to be a JV of architectural and engineering service providers, or is it permissible to submit a proposal with just an architectural firm as the Prime Lead with all engineers as subconsultants?																																																																																
<b>A7</b>	Please refer to: <ul style="list-style-type: none"> <li>The requirements of the Consultant Team described under SRE 3.1.2 and Appendix A.</li> <li>PROPOSER INSTRUCTIONS (PI) P11 INTRODUCTION 1); <i>Public Works and Government Services Canada (PWGSC) intends to retain an individual consulting firm, or joint venture, to provide professional services to modernize laboratory facilities as part of a program of work related to the Laboratories Canada (LC) Initiative.</i></li> </ul>																																																																																
<b>Q8</b>	Where can I find the details and specs for the followings? <table border="1" data-bbox="373 1102 1307 1522"> <tbody> <tr> <td>830</td> <td>E 100</td> <td>NRC-M13-152</td> <td>H.3 SEM Lab Support Room</td> <td>Coater</td> <td>Edwards, Model 300, (S #300590)</td> <td>YES</td> <td>exhausts to room. Requires closed loop process cooling.</td> <td>Sample Preparation as per discussion during WSA.</td> <td>0</td> </tr> <tr> <td>831</td> <td>E 101</td> <td>NRC-M13-152</td> <td>H.3 SEM Lab Support Room</td> <td>Edwards Sputter Coater</td> <td>Edwards, Model: S150B, SN 8424-1, (S #300594)</td> <td>YES</td> <td>Equipment is for bench use. Vacuum exhausts to room. Compressed Argon is required for coating process.</td> <td>The equipment will be installed into proposed SEM. Sample Preparation as per discussion during WSA.</td> <td>2</td> </tr> <tr> <td>832</td> <td>#N/A</td> <td>NRC-M13-148</td> <td>3.22 Metallurgical Sample Preparation</td> <td>Erosion Proof Refrigrator</td> <td>VWR Scientific, EX-PR13</td> <td>Yes</td> <td></td> <td></td> <td>0.5</td> </tr> <tr> <td>833</td> <td>#N/A</td> <td>NRC-M13-148</td> <td>3.21 Metallurgical Sectioning and Specimen Extraction</td> <td>EROSION TEST RIG</td> <td>S.S. WHITE TECHNOLOGIES INC, USA MODEL H46, SN 111438, S #3210557</td> <td>YES</td> <td>Equipment is for bench use. Attached to fume hood exhaust via duct isolation. Dry clean compressed air is required for erosion resistance tests. Compressed Air requirements: pressure max. 142 psi.</td> <td></td> <td>0.5</td> </tr> <tr> <td>834</td> <td>#N/A</td> <td>NRC-M13-148</td> <td>3.21 Metallurgical Sectioning and Specimen Extraction</td> <td>Dust Collector</td> <td>DONALDSON 500R, USA, S #059053</td> <td>YES</td> <td>attached to erosion test rig. Connected to extract an exhaust.</td> <td></td> <td>0.2</td> </tr> <tr> <td>835</td> <td>#N/A</td> <td>NRC-M13-148</td> <td>3.25 Microscope Lab</td> <td>HIGH PRECISION ELECTRONIC SCALES</td> <td>SARTORIUS CORP, USA, Model 8550P-1, SN 90712168, S #359209</td> <td>YES</td> <td>Requires installation on vibration suppressing table.</td> <td>Installed on marble vibration table</td> <td>0.75</td> </tr> <tr> <td>836</td> <td>#N/A</td> <td>NRC-M13-148</td> <td>3.22 Metallurgical Sample Preparation</td> <td>PRECISION ELECTRONIC SCALES</td> <td>Sartorius OMBH Germany, Model R100P, SN 3521027, S4 N/A</td> <td>YES</td> <td></td> <td>Installed on standard 77" bench with erosion test rig</td> <td>0.5</td> </tr> <tr> <td>837</td> <td>#N/A</td> <td>NRC-M13-148</td> <td>3.22 Metallurgical Sample Preparation</td> <td>PRECISION ELECTRONIC SCALES</td> <td>SHINGO DESHICO LTD, JAPAN, MODEL N/A-HV038</td> <td>YES</td> <td></td> <td></td> <td>0.75</td> </tr> </tbody> </table>	830	E 100	NRC-M13-152	H.3 SEM Lab Support Room	Coater	Edwards, Model 300, (S #300590)	YES	exhausts to room. Requires closed loop process cooling.	Sample Preparation as per discussion during WSA.	0	831	E 101	NRC-M13-152	H.3 SEM Lab Support Room	Edwards Sputter Coater	Edwards, Model: S150B, SN 8424-1, (S #300594)	YES	Equipment is for bench use. Vacuum exhausts to room. Compressed Argon is required for coating process.	The equipment will be installed into proposed SEM. Sample Preparation as per discussion during WSA.	2	832	#N/A	NRC-M13-148	3.22 Metallurgical Sample Preparation	Erosion Proof Refrigrator	VWR Scientific, EX-PR13	Yes			0.5	833	#N/A	NRC-M13-148	3.21 Metallurgical Sectioning and Specimen Extraction	EROSION TEST RIG	S.S. WHITE TECHNOLOGIES INC, USA MODEL H46, SN 111438, S #3210557	YES	Equipment is for bench use. Attached to fume hood exhaust via duct isolation. Dry clean compressed air is required for erosion resistance tests. Compressed Air requirements: pressure max. 142 psi.		0.5	834	#N/A	NRC-M13-148	3.21 Metallurgical Sectioning and Specimen Extraction	Dust Collector	DONALDSON 500R, USA, S #059053	YES	attached to erosion test rig. Connected to extract an exhaust.		0.2	835	#N/A	NRC-M13-148	3.25 Microscope Lab	HIGH PRECISION ELECTRONIC SCALES	SARTORIUS CORP, USA, Model 8550P-1, SN 90712168, S #359209	YES	Requires installation on vibration suppressing table.	Installed on marble vibration table	0.75	836	#N/A	NRC-M13-148	3.22 Metallurgical Sample Preparation	PRECISION ELECTRONIC SCALES	Sartorius OMBH Germany, Model R100P, SN 3521027, S4 N/A	YES		Installed on standard 77" bench with erosion test rig	0.5	837	#N/A	NRC-M13-148	3.22 Metallurgical Sample Preparation	PRECISION ELECTRONIC SCALES	SHINGO DESHICO LTD, JAPAN, MODEL N/A-HV038	YES			0.75
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<b>A8</b>	Please refer to RDS- 029-01 of Appendix E of Detailed Functional Program provided in Appendix I of this Project Brief.																																																																																
<b>Q9</b>	<i>We understand the importance of a sustainable future and are committed to meeting PWGSC's sustainability goals. With respect to the requirements for Project C – Performance Based Building – the requirements for "Sustainable design performance where loads are significantly reduced through design achieving, or ready to achieve, net zero carbon emissions and net zero energy" is relatively recent in Canada and there are a limited number of completed projects in Canada that meet these requirements. To open the local competition to a wider group of firms, would PWGSC consider reducing the requirement for 50% of its construction completed to a project in which construction has commenced?</i>  <i>In addition, to allow for more projects to be considered for the performance-based building project, would PWGSC consider reducing the construction value to \$25M ?</i>																																																																																
<b>A9</b>	With respect to section 3.2.1 Experience and Achievements of the Proponent, Project C – Performance Based Building, PWGSC is: <ul style="list-style-type: none"> <li>Removing the requirement for net zero energy;</li> <li>Replacing the requirement for having 50% of its construction completed with having completed Design Development; and</li> <li>Reducing the cost of construction to \$25M.</li> </ul> Please refer to Amendment 003 for additional information on the revised sustainability targets.																																																																																

Solicitation No. - N° de l'invitation

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

EP938-212564/A

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fe178

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

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

20212564

FE178.EP938-212564

<b>Q10</b>	Under 3.2.1 Experience and Achievements of the Proponent, c) Performance-based building project, iv. Has completed at least 50% of its construction - as net zero carbon emissions and net zero energy standards are still in their infancy in terms of adoption, this will significantly limit the pool of eligible candidate firms. Will PWGSC consider projects that are currently in design or in the early phases of construction?
<b>A10</b>	With respect to section 3.2.1 Experience and Achievements of the Proponent, Project C – Performance Based Building, PWGSC is reducing the requirement for 50% if its construction to having begun the design.  Please refer to Amendment 003 for additional information on the revised sustainability targets.
<b>Q11</b>	We respectfully request a 2 week extension to the 29 NOVEMBER 2021 closing date.
<b>A11</b>	The RFP closing date will be extended up to December 10, 2021
<b>Q12</b>	In order to incorporate recent lessons-learned and provide a thoughtful response, and in light of a key team holiday, we would like to request a 2-week extension to the submission deadline and question period of this pursuit.
<b>A12</b>	The RFP closing date will be extended up to December 10, 2021
<b>Q13</b>	For the purposes of this RFP in section 3.2.1 Experience and Achievements of the Proponent, Proposants are required to submit a performance-based project.  Considering that the Zero Carbon Building (ZCB) certification is relatively new and that very few large scale buildings have been certified, would SPAC consider a building valued at less than \$50M?  Considering that the Zero Carbon Building (ZCB) certification is relatively recent and that very few buildings have been certified, would SPAC consider a building that is at the end of the design process and for which construction has not yet begun?  Considering that the Zero Carbon Building (ZCB) - Design certification only requires modelling a carbon footprint, would PSPC consider a building with near-zero emissions, without having been confirmed in performance?  Furthermore, in reading Addendum 2, which substantially increases the development of our technical proposal, is it possible to postpone the submission of this tender?  Thank you in advance for your prompt response to our questions.
<b>A13</b>	With respect to section 3.2.1 Experience and Achievements of the Proponent, Project C – Performance Based Building, PWGSC is: <ul style="list-style-type: none"> <li>- Removing the requirement for net zero energy;</li> <li>- Replacing the requirement for having 50% of its construction completed with having completed Design Development; and</li> <li>- Reducing the cost of construction to \$25M.</li> </ul> Please refer to Amendment 003 for additional information on the revised sustainability targets.  The RFP closing date will be extended up to December 10, 2021.

**Changes to the RFP:**

**At section 3.2.1 Experience and Achievements of the Proponent, Scale 1, row 4**

Delete:

3.2.1 3.d)	Does not meet the minimum characteristics of a complex d project or a science/research-based project or a performance-based building project	Construction cost is ≥ \$150M but < \$175M for a complex project or ≥ \$50M but < \$60M for science/research-based project or a performance-based building project	Construction cost is ≥ \$175M but < \$200M for a complex project or ≥ \$60 but < \$70M for science/research-based project or a performance-based building project	Construction cost is ≥ \$200M but < \$225M for a complex project or ≥ \$70M but < \$80M for science/research-based project or a performance-based building project	Construction cost is ≥ \$225M but < \$250M for a complex project or ≥ \$80M but < \$90M for science/research-based project or a performance-based building project	Construction cost is ≥ \$250M for a complex project or ≥ \$90M for a science/research-based project or a performance-based building project	10 points per project;  Total: 30 points
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Replace with:

3.2.1 3.d)	Does not meet the minimum characteristics of a complex d project or a science/research-based project or a performance-based building project	Construction cost is ≥ \$150M but < \$175M for a complex project or ≥ \$50M but < \$60M for science/research-based project or ≥ \$25M but < \$35M for a performance-based building project	Construction cost is ≥ \$175M but < \$200M for a complex project or ≥ \$60 but < \$70M for science/research-based project or ≥ \$35M but < \$45M for a performance-based building project	Construction cost is ≥ \$200M but < \$225M for a complex project or ≥ \$70M but < \$80M for science/research-based project or ≥ \$45M but < \$55M for a performance-based building project	Construction cost is ≥ \$225M but < \$250M for a complex project or ≥ \$80M but < \$90M for science/research-based project or ≥ \$55M but < \$65M for a performance-based building project	Construction cost is ≥ \$250M for a complex project or ≥ \$90M for a science/research-based project or ≥ \$65M for a performance-based building project	10 points per project;  Total: 30 points
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**ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.**