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Québec

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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
Raison sociale et adresse du
fournisseur/de l'entrepreneur**

Issuing Office - Bureau de distribution
TPSGC/PWGSC
601-1550, Avenue d'Estimauville
Québec
Québec
G1J 0C7

Title - Sujet North Warning System Hybrid Power S North Warning System Hybrid Power System	
Solicitation No. - N° de l'invitation 23332-220150/A	Amendment No. - N° modif. 006
Client Reference No. - N° de référence du client 23332-22-0150	Date 2022-02-23
GETS Reference No. - N° de référence de SEAG PW-\$QCL-056-18266	
File No. - N° de dossier MTA-1-44079 (056)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Standard Time EST on - le 2022-04-01 Heure Normale du l'Est HNE	
F.O.B. - F.A.B.	
Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Mohammed-Azizi, Samia	Buyer Id - Id de l'acheteur qcl056
Telephone No. - N° de téléphone (418) 576-9803 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

AMENDMENT 006

The purpose of this amendment is to answer industry questions and to amend the statement of work accordingly.

AMENDMENTS

1) In the Annex A, Statement of Work, in Table 2: Required Battery Energy Storage System Specifications, under Battery Module

DELETE :

Specifications	Value
Battery Cell Safety Standard	UL 1642

REPLACE BY :

Specifications	Value
Module Safety	UL 1642, IEC62133:2012 or IEC62133:2017

2) In the Annex A, Statement of Work, in Table 2: Required Battery Energy Storage System Specifications, under Battery Energy Storage System (BESS)

DELETE :

Specifications	Value
Module Safety	UL 60950

2) In the Annex A, Statement of Work, in Table 8: Required Low Voltage Power Supply Specifications

DELETE :

Specifications	Value
Mounting / Enclosure	Components must be installed in an electrical enclosure with or without the BESS. Enclosure mounted on a common steel skid base with the maximum dimensions listed below. Maximum Length: ≤ 1.2 m Maximum Width: ≤ 0.65 m Maximum Height: ≤ 2.13 m The skid base must have openings to secure cables for lifting by crane or hoist.

REPLACE BY :

Specifications	Value
Mounting / Enclosure	Components must be installed in an electrical enclosure with or without the BESS. Enclosure mounted on a common steel skid base with the maximum dimensions listed below.

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	<p>Maximum Length: ≤ 1.2 m Maximum Width: ≤ 1.2 m Maximum Height: ≤ 2.13 m</p> <p>The skid base must have openings to secure cables for lifting by crane or hoist.</p>
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ANSWERS TO INDUSTRY QUESTIONS

Enquiries - Bid Solicitation

To ensure consistency and quality of information provided to bidders, significant enquiries received and the replies to such enquiries will be provided simultaneously to bidders to which the bid solicitation has been sent, without revealing the sources of the enquiries.

Here are the questions which we have received:

Question 1	Specification requires the panel width to be about 26". Is this the width for one cell or entire switchgear? The reason for asking this question is that in order to provide to provide 3 x breaker space in the switchgear gear and the total of cells width will be more than 26".
Answer 1	The dimensions provided were based on a previous Uninterruptible Power Supply installed at the site. The width of 26" was selected to ensure there is still sufficient space clearance in the building. A cabinet width of 48" and length of 48" would be acceptable. If a greater width is required, please provide the minimum size requirements and it can be confirmed if acceptable.
Question 2	Does the switchgear have to be metal Clad or Canada will consider metal enclosed gear as well?
Answer 2	Metal Enclosed would be acceptable.
Question 3	As per Annex A, Statement of Work, in Table 8: Required Low Voltage Power Supply Specifications, we need to provide provision for 3 x 225kVA breakers (size of each breaker about 800A) on the switchgear. The total current supply of the generators (30kW each), solar panel (40kW), and BESS (180kw max) will be between 600A to 700A max. Please advise why the 3 x 800A spare output breakers are required on the switchgear. The information is required to size the switchgear bus bars appropriately.
Answer 3	The 3 x 225 kVA circuit breaker was selected based on eventually deploying the system where there are greater power requirements.

<p>Question 4</p>	<p>In the Statement of Work, Table 2: Required Battery Energy Storage System Specifications, it says "Battery Cell Safety Standard : UL 1642".</p> <p>UL1642 and IEC62133:2012 are equivalent standards, will you accept IEC62133:2012?</p>
<p>Answer 4</p>	<p>Yes, IEC62133:2012 will be acceptable. It should be noted that there is a more recent IEC62133-2:2017 standard that should be used; however IEC62133:2012 would still be acceptable.</p>
<p>Question 5</p>	<p>In the Statement of Work, Table 2: Required Battery Energy Storage System Specifications, under the section Safety.</p> <p>Please explain the following requirement: "Battery Cell Level: Mechanical Venting".</p>
<p>Answer 5</p>	<p>This would refer to a pressure relief valve or equivalent to prevent rupture of the battery case in case of overcharge.</p>
<p>Question 6</p>	<p>In the Statement of Work, Table 2: Required Battery Energy Storage System Specifications, the safety requirement is "Battery Energy Storage System (BESS) - Module Safety UL 60950"</p> <p>Interteck confirmed that UL 60950 is not applicable for BESS, it is for IT equipment.</p> <p>Please explain further what is required.</p>
<p>Answer 6</p>	<p>As listed in point k of the general requirements, the hybrid power system must be designed, assembled and tested according to ANSI/CAN/UL 9540 and CSA 22.1 standards.</p> <p>For the battery energy storage system module safety, you are correct UL 60950 is not applicable. The BESS Module Safety Standard Requirement can be removed as the hybrid power system must meet UL 9540 and be assembled and installed following CSA 22.1 standards.</p>
<p>Question 7</p>	<p>In reference with 7.3.1 Security Requirement for Canadian Suppliers, for bidders that are already cleared to Facility Security Clearance (FSC) and Document Safeguarding Capabilities (DSC) SECRET but not Production Capability or IT Capability, when will the PSPC Procurement Officer sponsor bidders for their Production Capability or IT Capability at the level of PROTECTED B?</p>
<p>Answer 7</p>	<p>The Production and IT Capabilities are subsets of Document Safeguarding Capabilities are contract-specific and only valid for the duration of the contract.</p>

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	<p>The inspection required to obtain these approval is conducted after the contract has been awarded and physical security requirements have been met but before your organization begins to produce, process and store sensitive information.</p> <p>Therefore, the process to obtain these subsets of approval starts when the contract is awarded.</p> <p>However, to obtain the production and IT authorities, organizations must first hold a valid facility security screening and document safeguarding capability.</p> <p>Therefore, organizations who intend to bid on this solicitation but who do not meet the minimum security requirements are invited to request security sponsorship in order to be registered and screened by Public Services and Procurement Canada (PSPC)s Contract Security Program.</p> <p>Requests to be sponsored for the required security clearances must be submitted by email to the Contracting Authority.</p> <p>For additional information on security requirements, bidders should refer to the Contract Security Program (http://www.tpsgc-pwgsc.gc.ca/esc-src/introduction-eng.html) of Public Works and Government Services Canada website.</p>
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****ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME****