



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

Bid Receiving - PWGSC / Réception des soumissions -  
TPSGC

11 LaurierSt./ 11, rue Laurier

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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**

Infrastructure Maintenance and Solution Services  
Division (FK)

L'Esplanade Laurier,

East Tower 4th Floor

L'Esplanade Laurier,

Tour est 4e étage

140 O'Connor, Street

Ottawa

Ontario

K1A 0R5

<b>Title - Sujet</b> FBI - CSC Saskatchewan Penitentiary	
<b>Solicitation No. - N° de l'invitation</b> EP959-210703/A	<b>Amendment No. - N° modif.</b> 008
<b>Client Reference No. - N° de référence du client</b> 20210703	<b>Date</b> 2022-03-25
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$FK-307-80878	
<b>File No. - N° de dossier</b> fk307.EP959-210703	<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 Daylight Saving Time EDT <b>on - le 2022-05-02</b> Heure Avancée de l'Est HAE	
<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> Cowell, Philip	<b>Buyer Id - Id de l'acheteur</b> fk307
<b>Telephone No. - N° de téléphone</b> (613) 296-1922 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<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>

Solicitation Amendment 008 is raised to respond to questions from the Industry.

Q1: Regarding the Mandatory Requirement: *“Provide a proposed solution to achieve Comfort Conditions, as defined in Appendix A, in building B11 (Kitchen/Dining) at the Saskatchewan Penitentiary”*, please confirm whether or not the Comfort Conditions requirement supersedes CSC’s Mechanical Technical Criteria Document Section M4.2 that states: *“ Except as provided in 4.3, air conditioning shall not be provided in inmate-occupied areas unless special approval has been obtained from National Headquarters (NHQ) – Technical Services.”*

R1: For building B11 (Kitchen/Dining), the requirement to provide comfort conditions supersedes CSC’s Mechanical Technical Criteria Section M4.2. In their proposal, bidders may propose air conditioning to building B11.

Q2: We would like an update on the status of new documentation available on CentralCollab, particularly on whether Mechanical/Electrical drawings will be made available, and when.

R2: CSC is still in the process of retrieving relevant project information to upload to Central Collab. Several new documents have been made available in the folder named “Sask Pen As-Built Drawings and Studies”. Bidders will be advised when all documents have been uploaded.

Q3: Upon review of Amendment 006, it appears there is a conflict between the answers to Questions 7 & 8 (what electricity emissions factor to use) and the previous answer to Q1 in Amendment 005. It is also in conflict with what was stated at the Mandatory Bidders meeting. In the answer to Q1 in Amendment 005 it states that: “In establishing their baseline emissions for the project, bidders should consider all baseline emissions for electricity to be zero”. However the answers to Questions 7 & 8 in Amendment 006 say that the pre-retrofit and post-retrofit emissions are to be based on an electricity emissions content of 490.6 g CO<sub>2</sub>e/kWh. Does Amendment 006 override Amendment 005 (and if so, which parts)?

R3: Prior to the commencement of construction of the work as part of the FBI project at Saskatchewan Penitentiary, PSPC and CSC will be entering into a clean energy electrical procurement contract for this site. As part of this contract, all electrical consumption at this site will be subject will be considered to have a GHG emission factor of zero kg/eCO<sub>2</sub>, and a notional premium of \$0.02/kWh for the cost of electricity. These clean energy attributes are as a result of this PSPC agreement. As such, Bidders should consider that the baseline emissions for electricity for use in the FBI solicitation and Contract are zero, and base their potential measure selections with this consideration. The electricity emissions stated in Response #7 and #8 of Amendment 006 of this solicitation should be disregarded.

Q4: Our team has been informed that the CSC Saskatchewan Penitentiary is currently at risk of experiencing brownouts, resulting from high electrical demand. We understand that this issue must be addressed with SaskPower. In order to propose the best energy efficiency project, we are trying to get a good understanding of this situation. We want to discuss this situation with the SaskPower team. Can you confirm that SaskPower can disclose information to bidders regarding the demand for electrical energy and what could be done in terms of a demand management strategy?

R4: PSPC does not represent the views of Sask Power. Bidders are free to ask Sask Power any generalized questions regarding electrical demand or demand from the grid for large electrical user accounts. The only intervention PSPC/CSC would be required to engage in would be a specific question regarding account information for Saskatchewan Penitentiary. If there is a specific inquiry in this regard,

we could have CSC provide an acknowledgement that the information could be shared with bidders, but the question will need to be specific in this regard.

Q5: Were there any changes in operation due to COVID (ex. Increased outdoor air, some buildings less used, etc)?

R5: During the spring and fall in 2020, some buildings were operated at 100% outdoor air, when outdoor temperatures permitted. On-site staff was reduced to less than 1/3, but inmates were not impacted. Since this time, buildings have returned to regular operation (20% outdoor air) and on-site staff has been increased.

Q6: Was there any follow up the Solar Array Feasibility Study prepared by WSP in 2014? If not, could you explain why?

R6: There was no follow-up to this Study, due to the proposed cost of solar array and limitations imposed by Sask Power.

Q7: Could you provide water consumption bills for 2019, 2020 and 2021? The data available goes from 2014 to March 2019 and after that we only have a single month in 2021.

R7: Water and sewer bills for 2021 have been uploaded to Central Collab in the following folder path: "Utility Data/Water & Sewer/Water & Sewer Bills".

Q8: In the Distributor Charges for Natural Gas, it would seem that the Demand Charge indicated is, according to your bills, always only for a fixed 350 GJ and is therefore more of a fixed charge than related to consumption. Could you confirm this information?

R8: For the purpose of calculating energy consumption, bidders may consider the natural gas demand to be fixed at 350 GJ.

Q9: We need clarification on the mandatory requirement to increase the comfort in the kitchen. Are we allowed to add additional cooling?

R9: See response #1 above.

Q10: The air handling unit (AHU) serving the dining hall hasn't been in use in over 10 years. Could you confirm it is required to repair or replace this system as part as the comfort problem in building 11?

R10: This AHU serves the dining hall and hallway, but not the kitchen. This AHU hasn't been used in 10 years due to installation of non-compatible controls that did not allow CSC to control the AHU. Since then, CSC has disconnected the dampers and mold issues have appeared in the ducts. Repair or replacement would be required to operate this AHU.

Q11: Could you provide information about the different roof top units on site (CFM, HP, heating, cooling...) specifically above the kitchen?

R11: An air handling unit inventory spreadsheet has been made available on Central Collab in the folder named "Equipment Inventory".

Q12: Could you provide the data of submeter for gas, steam or electrical throughout the site?

R12: Spreadsheets have been made available in Central Collab in the folder "Utility Data/Gas & Steam Usage". The spreadsheets contain steam consumption data for 2 of 5 main steam lines as well as natural gas consumption in the boiler house only.

Q13: Can FBI confirm that a biomass measure can be integrated into the project? If so, what is the GHG coefficient to be used for the combustion of this biomass?

R13: Bidders are free to propose a biomass measure for this solicitation. Emission factors to be used are as follows:

		GHG emission factors			
		(g/unit)			
		CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	CO <sub>2</sub> equivalent
Wood Fuel/Wood Waste	g/kg	840	0.09	0.06	18
Pellet Stove	g/kg	1,652	4.12	0.059	131
Landfill Gas	kg/t	2,752	0.05	0.005	3

*Note: the calculation for eCO<sub>2</sub> does not include the CO<sub>2</sub> value*

Q14: Can FBI confirm that the project can accommodate an increase in demand for electrical power if SaskPower confirms in writing that this is possible on a sustainable basis in future years?

R14: Bidders are permitted to propose a solution with an increase in electrical demand as long as it is clearly stated in the proposal that SaskPower has been consulted and is in acceptance of the proposed solution.

Q15: Can FBI confirm that an energy production measure with photovoltaic can be integrated into the project?

R15: Bidders should not propose measures for on-site photovoltaic electrical production, due to future involvement of Saskatchewan Penitentiary into the Power Purchase Agreement.

Q16: Can we plan to install these photovoltaic panels on the grounds of the penitentiary if we judge that the space is sufficient?

R16: See response #15 above.

Q17: Does the Federal Government consider wood waste biomass energy generation to be carbon neutral for the purposes of achieving the minimum emissions reduction for this project identified in PRE-1 Mandatory Requirements?

R17: No, the Federal Government does not consider wood waste biomass energy generation to be carbon neutral. See response #13 for biomass GHG emission factors.

*No other changes apply*