



RETURN BIDS TO:

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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

This document contains a security requirement

Ce document contient une condition de sécurité.

Vendor/Firm Name and Address

Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Maintenance & Professional Consulting Services
Division (FK)

11 Laurier St./ 11, rue Laurier

3C2, Place du Portage, Phase III

Gatineau

Québec

K1A 0S5

Title - Sujet Federal Buildings InitiativeProject	
Solicitation No. - N° de l'invitation EN438-181078/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client 20181078	Date 2017-11-08
GETS Reference No. - N° de référence de SEAG PW-\$\$FK-289-73677	
File No. - N° de dossier fk289.EN438-181078	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-02-28	Time Zone Fuseau horaire Eastern Standard Time EST
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Maquiling(fk div), Amalia O.	Buyer Id - Id de l'acheteur fk289
Telephone No. - N° de téléphone (873) 469-4886 ()	FAX No. - N° de FAX (819) 956-3600
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

This Solicitation Amendment 001 is to issue an amended Appendix I in English only.

Detail for Energy Measure

(To be completed by Proponent for each energy Improvement)

Energy Improvement:

- 1) Detailed Scope of Work: (See below for details of building automation and lighting control systems.)
- 2) Substantiation of Energy Savings:
- 3) Impact on Maintenance:
- 4) Impact on Indoor Environment:
- 5) Expected Service Life of Measure:
- 6) Impact on Power Quality:
- 7) Impact on GHG Emissions:

Note: Each ESCo must provide the following information regarding their choice for a building automation system, if applicable:

- Operator Work Station: provide a detailed description of the equipment that will be provided. Include details of the graphics package and its ability to be upgraded from remote workstations;
- System Architecture: Provide a description of the system architecture;
- List the systems that will be controlled by the building automation system; and

For a lighting control system, the ESCo must provide details about the following:

- State the number of zones that will be provided for each floor in each building;
- State the type of user interface will be provided for override; and
- Provide details regarding the operator workstation and its graphics package.

Units of Energy Savings

Measure	Electrical Consumption		Electrical Demand	Natural Gas	City Water	GHG Emissions
	Peak	Off-Peak				
	(kWh)	(kWh)	(KW)	(m³)	(m³)	(eCO₂/year)

Summary of All Proposed Measures

Item	Name of Measure	Construction Cost*	Total Cost	Cascaded Energy Savings**	Simple Payback Period	Capital Cost Contribution
Total for all Measures						
Energy Audit Report						
Training						
Grand Total						

Baseline Status

	Start Date	End Date	Energy Units	Energy Cost	Unit Cost
<u>Electrical:</u>					
Base Year:	_____	_____			
Peak			_____	_____	_____
Non-Peak			_____	_____	_____
<u>Natural Gas:</u>					
Base Year:	_____	_____			
<i>Summer</i>			_____	_____	_____
<i>Winter</i>			_____	_____	_____
<u>City Water:</u>					
Base Year :	_____	_____	_____	_____	_____
<u>Total Baseline:</u>				_____	_____

Note: Baseline Period **MUST** be a 12-month period. Energy Units are the basis of the Baseline.

TOTAL PROPOSED PROJECT VALUE SUMMARY

(Proponent to complete)
(Cost exclusive of Savings)

	<u>Cost</u>			
	<u>Internal</u>	<u>External</u>	<u>Mark-up</u>	<u>Total Cost</u>
Energy Audit Report	\$ _____	\$ _____	\$ _____	\$ _____
Design Engineering	\$ _____	\$ _____	\$ _____	\$ _____
Cost of Construction (Including materials, labour, and supervision)	\$ _____	\$ _____	\$ _____	\$ _____
Commissioning	\$ _____	\$ _____	\$ _____	\$ _____
Training	\$ _____	\$ _____	\$ _____	\$ _____
Monitoring	\$ _____	\$ _____	\$ _____	\$ _____
Project Management	\$ _____	\$ _____	\$ _____	\$ _____
Guaranteed Performance Premium	\$ _____	\$ _____	\$ _____	\$ _____

Total Project Cost (Current Dollars) \$ _____

Expected Canada's Capital Contribution \$ _____

Annual Energy Savings at Current Prices \$ _____

Baseline annual energy cost at Current prices \$ _____

The selected 10 year term fixed rate benchmark on _____ was: _____

For GC 29.1.1 ESCo's Floating Interest Rate Premium above the selected
Bank Prime Interest Rate _____

For GC 29.1.2 Financier Floating Interest Rate Premium above the selected
Bank Prime Interest Rate _____

For GC 29.1.3 ESCo's Interest Rate Premium above 10 year bond rate: _____

Note: 1. All costs shown are in actual dollars and not present value.

2. The relative value of each item shown above will not be allowed to change by greater than five percent (5%) without prior approval of the Departmental Representative under the authority of the Minister.

Cash Flow Table

Month No. (1)	Monitoring and Post Construction Charges (2)	External Resource, Mark-up & Overhead (3)	Internal Costs (4)	Interest Cost (5)	Monthly Project Cost (6)=2+3+4+5	Energy Savings (7)	Capital Cost Contribution (8)	Project Balance (9)

- Calculation Instructions:
1. In column 1, place the month name, year and number.
 2. In column 2, place all charges for monitoring and post construction charges expected to be incurred that month. Monitoring charges before and during construction should be included in columns 3 or 4.
 3. In column 3, place all charges for all external resources, mark-up and overhead expected to be incurred that month. The total for this column should equal the appropriate total of Appendix "J", Page 5.
 4. In column 4, place all charges for internal costs expected to be incurred that month. The total for this column should equal the appropriate total of Appendix "J", Page 5.
 5. In column 5, place the interest charges that have been incurred on the previous month's Project Balance (Column 8 of previous month).
 6. Column 6 is the sum of columns 2 through 5.
 7. In column 7, place the projected energy savings that will be incurred during that month. This level of savings must correspond to sequencing that is shown for that Measure in the accompanying Gantt chart.
 8. In Column 8, enter the Capital Cost Contribution
 9. Column 9 is equal to Column 9 of the previous month, plus column 6, (minus column 8) of the current month, minus the energy savings that have been shown in column 7 of the current month.

Note:

1. This cash flow simplifies the contracting cash flow for evaluation purposes only.
2. **Ensure that the cash flow corresponds with the Gantt chart.**
3. The 120-month guaranteed payback period begins 12 months after approval of the Energy Audit Report.
4. Month number one begins the month that the Contract is awarded.
5. Allow 1 month for PWGSC approval of the Energy Audit Report.
6. The interest rate to be applied in column 5 is calculated as the 10 year published rate + ESCo premium.
7. Interest cost is calculated against the Project Balance in the previous month.
8. The Proposal cash flow must be simplified by assuming no set off.