



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

**Bid Receiving - PWGSC / Réception des soumissions
- 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 SECURITY
REQUIREMENTS

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 BUILDING INITIATIVE (FBI)	
Solicitation No. - N° de l'invitation EP168-171967/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client EP168-171967	Date 2017-03-07
GETS Reference No. - N° de référence de SEAG PW-\$\$FK-290-72564	
File No. - N° de dossier fk290.EP168-171967	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-04-20	
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: Ghoumrassi, Hakim	Buyer Id - Id de l'acheteur fk290
Telephone No. - N° de téléphone (873) 469-4910 ()	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 issued to publish a revised Appendix I to change the guaranteed payback period from 96 months to 120 months.

No other changes apply.

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 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:

- How many zones will be provided for each floor in each building;
- What 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 (KW)	Natural Gas (m ³)	City Water (m ³)	GHG Emissions (eCO ₂ /year)
	Peak (kWh)	Off-Peak (kWh)				

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>			_____	_____	_____
<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)

Cost

	<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 6 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.