



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 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 Initiative Project | |
| Solicitation No. - N° de l'invitation EN438-181078/A | Amendment No. - N° modif. 003 |
| Client Reference No. - N° de référence du client 20181078 | Date 2018-02-14 |
| 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 2018-03-21 | 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 |

Solicitation amendment 003 is raised to modify **Appendix D – Certificate of Insurance** and to correct the English version of **Appendix L – Greenhouse Gas Emission Factors** as there was a discrepancy between the English and French versions in the original solicitation documents.

(Please see attached documents)

**** Please note that responses to questions received from the Industry are to follow****

No other changes apply

CERTIFICATE OF INSURANCE

Note to CO: Complete the Description, Contract No, Location and Award Date. You must also delete the insurance types and their instructions that are not required.

Instructions to the ESCO.

- 1) Insurance requirements under (A) and (F) - immediate minimum insurance requirement - must be delivered to Public Works and Government Services Canada within ten (10) days following contract award.
- 2) Insurance requirements under (B), (C), (D) and (E) – must be delivered to Public Works and Government Services Canada within thirty (30) days following acceptance of the energy audit.

CONTRACT

Description of Work _____ Contract No. _____ Award Date _____
 Location _____

INSURER

Name _____
 Address _____

BROKER

Name _____
 Address _____

INSURED

Name of ESCo _____
 Address _____
 Region _____
 Address _____

ADDITIONAL NAMED INSURED

Her Majesty the Queen in right of Canada
 as represented by the Minister of Public Work
 and Government Services (PWGSC)

This document certifies that the following policies of insurance are at present in force covering all operations of the Insured, in connection with the Contract made between the named insured and Public Works and Government Services Canada:

| Type of Insurance | Insurer Name and Policy Number | Inception Date D/M/Y | Expiry Date D/M/Y | Limits of Liability | | |
|---|--------------------------------|----------------------|-------------------|---------------------|--------------------------|--------------------------------|
| | | | | Per Occurrence | Annual General Aggregate | Completed Operations Aggregate |
| A) Commercial General Liability | | | | \$ | \$ | \$ |
| B) Umbrella/Excess liability | | | | \$ | \$ | \$ |
| C) Builder's Risk/ Installation Floater | | | | \$ | | |
| D) Environmental Impairment Liability Insurance | | | | \$ | | |
| E) Errors and Omissions Liability Insurance | | | | \$ | | |
| F) Automobile Liability Insurance | | | | \$ | | |

I certify that the above policies were issued by insurers in the course of their insurance business in Canada, are currently in force and include the applicable insurance coverage`s stated on the next page of this Certificate of Insurance, including advance notice of cancellation/reduction in coverage

 Name of Person authorized to sign on behalf of Insurer(s) (Officer, Agent, Broker) & Telephone Number

 Signature and Date D/M/Y

CERTIFICATE OF INSURANCE

| | | |
|--|--|--|
| <p>General</p> <p>Insurance policies required on page 1 of the Certificate of Insurance must be in force and must include the insurance coverages listed under the corresponding type of insurance on this page.</p> <p>The policies must insure the Contractor and must include Her Majesty the Queen in Right of Canada as represented by the Minister of Public Works and Government Services as an additional Insured.</p> <p>The insurance policies must be endorsed to provide Canada with not less than thirty (30) days notice in writing in advance of a cancellation of insurance or any reduction in coverage.</p> <p>Without increasing the limit of liability, the policies must protect all insured parties to the full extent of coverage provided. Further, the policies must apply to each Insured in the same manner and to the same extent as if a separate policy had been issued to each.</p> | <p>Commercial General Liability</p> <p>The insurance coverage provided must not be substantially less than that provided by the latest edition of IBC Form 2100.</p> <p>The policy must either include or be endorsed to include coverage for the following exposures or hazards if the Work is subject thereto:</p> <ul style="list-style-type: none"> (a) Blasting. (b) Pile driving and caisson work. (c) Underpinning. (d) Removal or weakening of support of any structure or land whether such support be natural or otherwise if the work is performed by the insured contractor. <p>The policy must have the following minimum limits:</p> <ul style="list-style-type: none"> (a) \$5,000,000 Each Occurrence Limit; (b) \$10,000,000 General Aggregate Limit per policy year if the policy contains a General Aggregate; and (c) \$5,000,000 Products/Completed Operations Aggregate Limit. <p>Umbrella or excess liability insurance may be used to achieve the required limits.</p> | <p>Builder's Risk / Installation Floater</p> <p>The insurance coverage provided must not be less than that provided by the latest edition of IBC Forms 4042 and 4047.</p> <p>The policy must permit use and occupancy of any of the projects, or any part thereof, where such use and occupancy is for the purposes for which a project is intended upon completion.</p> <p>The policy may exclude or be endorsed to exclude coverage for loss or damage caused by asbestos, fungi or spores, cyber and terrorism.</p> <p>The policy must have a limit that is not less than the sum of the contract value plus the declared value (if any) set forth in the contract documents of all material and equipment supplied by Canada at the site of the project to be incorporated into and form part of the finished Work. If the value of the Work is changed, the policy must be changed to reflect the revised contract value.</p> <p>The policy must provide that the proceeds thereof are payable to Canada or as Canada may direct in accordance with GC10.2, "Insurance Proceeds" (https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/5/R/R2900D/2).</p> <p>The policy must provide coverage for testing and commissioning.</p> |
| <p>Environmental Impairment Liability Insurance</p> <ol style="list-style-type: none"> 1. The Contractor must obtain "Contractors Pollution Liability" insurance, and maintain it in force throughout the duration of the Contract, in an amount usual for a contract of this nature, but for not less than \$1,000,000 per accident or occurrence and in the annual aggregate. 2. If the policy is written on a claims-made basis, coverage must be in place for a period of at least 12 months after the completion or termination of the Contract. 3. The "Contractors Pollution Liability" policy must include the following: <ul style="list-style-type: none"> a. Additional Insured: Canada is added as an additional insured, but only with respect to liability arising out of the Contractor's performance of the Contract. The interest of Canada as additional insured should read as follows: Canada, represented by Public Works and Government Services Canada. b. Notice of Cancellation: The Insurer will endeavour to provide the Contracting Authority thirty (30) days written notice of policy cancellation. c. Separation of Insureds: The policy must apply to each Insured in the same manner and to the same extent as if a separate policy had been issued to each. | | |

d. Contractual Liability: The policy must, on a blanket basis or by specific reference to the Contract, extend to assumed liabilities with respect to contractual provisions.

e. Incidental Transit Extension: The policy must extend to losses arising from any waste, products or materials transported, shipped, or delivered via any transportation mode to a location beyond the boundaries of a site at which the Contractor or any entity for which the Contractor is legally liable is performing or has performed the operations described in the contract.

f. Litigation Rights: Pursuant to subsection 5(d) of the [Department of Justice Act](#), S.C. 1993, c. J-2, s.1, if a suit is instituted for or against Canada which the Insurer would, but for this clause, have the right to pursue or defend on behalf of Canada as an Additional Named Insured under the insurance policy, the Insurer must promptly contact the Attorney General of Canada to agree on the legal strategies by sending a letter, by registered mail or by courier, with an acknowledgement of receipt.

For the province of Quebec, send to:

Director Business Law Directorate,
Quebec Regional Office (Ottawa),
Department of Justice,
284 Wellington Street, Room SAT-6042,
Ottawa, Ontario, K1A 0H8

For other provinces and territories, send to:

*Senior General Counsel,
Civil Litigation Section,
Department of Justice
234 Wellington Street, East Tower
Ottawa, Ontario K1A 0H8*

A copy of the letter must be sent to the Contracting Authority. Canada reserves the right to co-defend any action brought against Canada. All expenses incurred by Canada to co-defend such actions will be at Canada's expense. If Canada decides to co-defend any action brought against it, and Canada does not agree to a proposed settlement agreed to by the Contractor's insurer and the plaintiff(s) that would result in the settlement or dismissal of the action against Canada, then Canada will be responsible to the Contractor's insurer for any difference between the proposed settlement amount and the amount finally awarded or paid to the plaintiffs (inclusive of costs and interest) on behalf of Canada.

Errors and Omissions Liability Insurance

1. The Contractor must obtain Errors and Omissions Liability (a.k.a. Professional Liability) insurance, and maintain it in force throughout the duration of the Contract, in an amount usual for a contract of this nature but for not less than \$1,000,000 per loss and in the annual aggregate, inclusive of defence costs.
2. If the policy is written on a claims-made basis, coverage must be in place for a period of at least 12 months after the completion or termination of the Contract.
3. The following endorsement must be included:
Notice of Cancellation: The Insurer will endeavour to provide the Contracting Authority thirty (30) days written notice of cancellation.

Automobile Liability Insurance

1. The Contractor must obtain Automobile Liability Insurance, and maintain it in force throughout the duration of the Contract, in an amount usual for a contract of this nature, but for not less than \$2,000,000 per accident or occurrence.
2. The policy must include the following:
 - a. Third Party Liability - \$2,000,000 Minimum Limit per Accident or Occurrence
 - b. Accident Benefits - all jurisdictional statutes
 - c. Uninsured Motorist Protection
 - d. Notice of Cancellation: The Insurer will endeavour to provide the Contracting Authority thirty (30) days written notice of cancellation.

Greenhouse Gas Emission Factors

1. Greenhouse Gas Emission Factors for Fuel Consumed at Federal Facilities:

| Fuel | Natural Units | GHG emission factors <i>g/unit</i> | | | |
|--------------------|----------------|---------------------------------------|-----------------|------------------|----------------------------|
| | | CO ₂ | CH ₄ | N ₂ O | CO ₂ equivalent |
| Natural Gas | m ³ | 1,891 | 0.037 | 0.035 | 1,903 |
| Light Fuel Oil [1] | L | 2,725 | 0.026 | 0.031 | 2,735 |
| Heavy Fuel Oil [2] | L | 3,124 | 0.057 | 0.064 | 3,145 |
| Propane | L | 1,510 | 0.024 | 0.108 | 1,544 |
| Diesel [3] | L | 2,663 | 0.133 | 0.400 | 2,790 |
| Kerosene [4] | L | 2,534 | 0.026 | 0.031 | 2,544 |
| Jet Fuel [5] | L | 2,534 | 0.026 | 0.031 | 2,544 |

Notes:

- [1] Includes No. 2 and No. 3 fuel oils
- [2] Includes No. 4, No. 5 and No. 6 fuel oils
- [3] Emission factors shown for diesel are for electricity generation applications only (use of diesel as a heating fuel should be recorded as light fuel oil consumption).
- [4] Also known as No. 1 diesel or fuel oil
- [5] Emission factors shown for jet fuel are for stationary combustion applications only.

2. Greenhouse Gas Emission Factors for Conventional Electricity Consumed at Federal Facilities:

| Location | Electricity emission factors corresponding to various years (based on average GHG intensity of electricity generation) | | | | | | | | | | | | | | | |
|---------------------------|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | g CO ₂ e/kWh | | | | | | | | | | | | | | | |
| | 2005 [1] | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | [2] | | | | |
| | | | | | | | | | | | | 2016 | 2017 | 2018 | 2019 | 2020 |
| Alberta | 910 | 950 | 920 | 940 | 880 | 870 | 720 | 800 | 810 | 750 | 790 | 790 | 790 | 790 | 790 | 790 |
| British Columbia | 25 | 31 | 19.2 | 28 | 26 | 24 | 14 | 11.7 | 15.6 | 15 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 |
| Manitoba | 7.7 | 12 | 13.5 | 12 | 5.6 | 2.3 | 3.1 | 3 | 2.8 | 3.1 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 |
| New Brunswick | 400 | 440 | 464 | 520 | 570 | 500 | 440 | 420 | 290 | 290 | 280 | 280 | 280 | 280 | 280 | 280 |
| Newfoundland and Labrador | 20 | 16 | 25.5 | 21 | 22 | 17 | 21 | 20 | 21 | 30 | 32 | 32 | 32 | 32 | 32 | 32 |
| Nova Scotia | 870 | 860 | 940 | 790 | 820 | 750 | 740 | 700 | 710 | 680 | 600 | 600 | 600 | 600 | 600 | 600 |
| Northwest Territories [3] | 290 | 290 | 290 | 290 | 290 | 200 | 190 | 190 | 190 | 250 | 390 | 390 | 390 | 390 | 390 | 390 |
| Nunavut [3,4] | 888 | 888 | 888 | 888 | 888 | 762 | 767 | 798 | 730 | 780 | 750 | 750 | 750 | 750 | 750 | 750 |
| Ontario | 210 | 190 | 210 | 170 | 100 | 130 | 93 | 93 | 65 | 38 | 40 | 40 | 40 | 40 | 40 | 40 |
| Prince Edward Island | 100 | 80 | 98.4 | 28 | 17 | 3.4 | 2.5 | 22 | 8 | 7 | 20 | 20 | 20 | 20 | 20 | 20 |
| Quebec | 3.9 | 6 | 3.54 | 2.5 | 3.7 | 2.6 | 2.3 | 2.7 | 2 | 1.4 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| Saskatchewan | 780 | 730 | 750 | 710 | 800 | 800 | 810 | 840 | 710 | 760 | 660 | 660 | 660 | 660 | 660 | 660 |
| Yukon [3] | 67 | 67 | 67 | 49 | 43 | 47 | 66 | 41 | 39 | 40 | 41 | 41 | 41 | 41 | 41 | 41 |
| Canada (default) | 220 | 210 | 213 | 200 | 180 | 190 | 170 | 160 | 150 | 150 | 140 | 140 | 140 | 140 | 140 | 140 |

Notes: Emission factors are based on the average GHG intensity of electricity generation in each province/territory during the given year.

[1] Calculating electricity emissions using the fixed EF method uses 2005 emission factors only.

[2] Emission factors for 2016 and beyond are carried over from 2015, the latest year for which data is available.

[3] Territories' emission factors for 2006 to 2007 (YT) and 2009 (NT and NU) are carried over from 2005, to preserve a consistent methodology.

[4] Data from 2005 and 2010 to 2013 for Nunavut are not published, but are derived from published information

Sources: 2006 - Part 3 of the *National Inventory Report 1990-2010: Greenhouse gas sources and sinks in Canada* (EC, 2012: 36 - 48).
 2007 - Part 3 of the *National Inventory Report 1990-2011: Greenhouse gas sources and sinks in Canada* (EC, 2013: 65 - 79).
 2008 - Part 3 of the *National Inventory Report 1990-2012: Greenhouse gas sources and sinks in Canada* (EC, 2014: 69 - 81).
 2009 - Part 3 of the *National Inventory Report 1990-2013: Greenhouse gas sources and sinks in Canada* (EC, 2015: 72 - 84).
 2005 and 2010 to 2015 - Part 3 of the *National Inventory Report 1990-2015: Greenhouse gas sources and sinks in Canada* (EC, 2017: 91 - 106).