

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
**Bid Receiving Public Works and Government
Services Canada/Réception des soumissions
Travaux publics et Services gouvernementaux
Canada**
1713 Bedford Row
Halifax, N.S./Halifax, (N.É.)
B3J 1T3
Bid Fax: (902) 496-5016

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

**Proposal To: Public Works and Government
Services Canada**

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

**Proposition aux: Travaux Publics et Services
Gouvernementaux Canada**

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments - Commentaires

Title - Sujet GENERATORS	
Solicitation No. - N° de l'invitation W7707-125547/A	Date 2012-03-02
Client Reference No. - N° de référence du client W7707-12-5547	
GETS Reference No. - N° de référence de SEAG PW-\$HAL-219-8634	
File No. - N° de dossier HAL-1-66870 (219)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2012-04-16	
Time Zone Fuseau horaire Atlantic Daylight Saving Time ADT	
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: Richard, Linda K.	Buyer Id - Id de l'acheteur hal219
Telephone No. - N° de téléphone (902) 496-5261 ()	FAX No. - N° de FAX (902) 496-5016
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF NATIONAL DEFENCE 9 GROVE ST DARTMOUTH Nova Scotia B3A3C5 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address

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

Issuing Office - Bureau de distribution

Acquisitions
1713 Bedford Row
Halifax, N.S./Halifax, (N.É.)
B3J 3C9

Delivery Required - Livraison exigée See Herein	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

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PART 1 - GENERAL INFORMATION

1. Security Requirement

There is no security requirement associated with the requirement.

2. Requirement

The requirement is detailed in Annex "A" - Requirement.

3. Debriefings

After contract award, bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days of receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

PART 2 - BIDDER INSTRUCTIONS

1. Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the *Standard Acquisition Clauses and Conditions* (<http://ccua-sacc.tpsgc-pwgsc.gc.ca/pub/acho-eng.jsp>) Manual issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The 2003 (2011-05-16) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

2. Submission of Bids

Bids must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated on page 1 of the bid solicitation.

3. Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than fifteen (15) calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the questions or may request that the Bidder do so, so that the proprietary nature of the question is eliminated, and the enquiry can be answered with copies to all bidders. Enquiries not submitted in a form that can be distributed to all bidders may not be answered by Canada.

4. Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Nova Scotia.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the bidders.

PART 3 - BID PREPARATION INSTRUCTIONS

1. Bid Preparation Instructions

Canada requests that bidders provide their bid in separately bound sections as follows:

Section I: Technical Bid (2 hard copies)
Section II: Financial Bid (1 hard copy)
Section III: Certifications (1 hard copy)

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

Canada requests that bidders follow the format instructions described below in the preparation of their bid:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, bidders are encouraged to:

- 1) use paper containing fibre certified as originating from a sustainably-managed forest and/or containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

Section I: Technical Bid

In their technical bid, bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of Goods and Services Tax (GST) or Harmonized Sales Tax (HST) must be shown separately, if applicable.

Section III: Certifications

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hal219

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Bidders must submit the certifications required under Part 5.

1.1 Exchange Rate Fluctuation

The requirement does not provide for exchange rate fluctuation protection. Any request for exchange rate fluctuation protection will not be considered and will render the bid non-responsive.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

1.1 Technical Evaluation

1.1.1 Mandatory Technical Criteria

Please refer to Annex "A" - Requirement

1.2 Financial Evaluation

The price of the bid will be evaluated in Canadian dollars, the Goods and Services Tax or the Harmonized Sales Tax excluded, DDP Delivered Duty Paid, Canadian customs duties and excise taxes included.

2. Basis of Selection

A bid must comply with the requirements of the bid solicitation and meet all mandatory technical evaluation criteria to be declared responsive. The responsive bid with the lowest evaluated price will be recommended for award of a contract.

PART 5 - CERTIFICATIONS

Bidders must provide the required certifications to be awarded a contract. Canada will declare a bid non-responsive if the required certifications are not completed and submitted as requested.

Compliance with the certifications bidders provide to Canada is subject to verification by Canada during the bid evaluation period (before award of a contract) and after award of a contract. The Contracting Authority will have the right to ask for additional information to verify bidders' compliance with the certifications before award of a contract. The bid will be declared non-responsive if any certification made by the Bidder is untrue, whether made knowingly or unknowingly. Failure to comply with the certifications or to comply with the request of the Contracting Authority for additional information will also render the bid non-responsive.

1. Certifications Precedent to Contract Award

The certifications listed below should be completed and submitted with the bid, but may be submitted afterwards. If any of these required certifications is not completed and submitted as requested, the

Contracting Authority will so inform the Bidder and provide the Bidder with a time frame within which to meet the requirement. Failure to comply with the request of the Contracting Authority and meet the requirement within that time period will render the bid non-responsive.

1.1 Federal Contractors Program - Certification

Suppliers who are subject to the Federal Contractors Program (FCP) and have been declared ineligible contractors by Human Resources and Skills Development Canada (HRSDC) are no longer eligible to receive federal government contracts over the threshold for solicitation of bids as set out in the Government Contracts Regulations. Suppliers may be declared ineligible contractors either as a result of a finding of non-compliance by HRSDC, or following their voluntary withdrawal from the FCP for a reason other than the reduction of their workforce to less than 100 employees. Any bids from ineligible contractors, including a bid from a joint venture that has a member who is an ineligible contractor, will be declared non-responsive.

The Bidder, or, if the Bidder is a joint venture the member of the joint venture, certifies its status with the FCP, as follows:

The Bidder or the member of the joint venture

- (a) () is not subject to the FCP, having a workforce of less than 100 full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada;
- (b) () is not subject to the FCP, being a regulated employer under the Employment Equity Act, S.C. 1995, c. 44;
- (c) () is subject to the requirements of the FCP, having a workforce of 100 or more full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada, but has not previously obtained a certificate number from HRSDC, having not bid on requirements of \$200,000 or more;
- (d) () has not been declared an ineligible contractor by HRSDC, and has a valid certificate number as follows: _____.

Further information on the FCP is available on the HRSDC Web site.

PART 6 - RESULTING CONTRACT CLAUSES

1. Requirement

The Contractor must provide the items detailed under the "Requirement" at Annex "A".

2. Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the Standard Acquisition Clauses and Conditions (<http://ccua-sacc.tpsgc-pwgscc.gc.ca/pub/acho-eng.jsp>) Manual issued by Public Works and Government Services Canada.

2.1 General Conditions

2010A (2011-05-16) General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

3. Term of Contract

3.1 Delivery Date

All the deliverables are requested to be received on or before **May 31, 2012**. Earlier delivery would be preferred.

4. Authorities

4.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Linda Richard
Title: Supply Officer
Public Works and Government Services Canada
Acquisitions Branch
Address: 5th Floor, 1713 Bedford Highway
Halifax, NS B3J 3C9
Telephone: (902) 496-5261
Facsimile: (902) 496-5016
E-mail address: linda.k.richard@pwgsc-tpsgc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

4.2 Technical Authority

The Technical Authority for the Contract is to be announced upon award of contract:

The Technical Authority is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Technical Authority, however the Technical Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

4.3 Contractor's Representative (to be completed by bidder)

Name: _____
 Title: _____
 Organization: _____
 Address: _____

Telephone : _____
 Facsimile: _____
 E-mail address: _____

5. Payment**5.1 Basis of Payment**

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm unit prices, as specified in Annex "B" for a cost of \$ _____ (insert the amount at contract award). Customs duties are included and Goods and Services Tax or Harmonized Sales Tax is extra, if applicable.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

5.2 Limitation of Price

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

5.3 Single Payment

SACC Manual clause H1000C 2008-05-12 Single Payment

6. Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
2. Invoices must be distributed as follows:
 - (a) The original and one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.

7. Certifications

Compliance with the certifications provided by the Contractor in its bid is a condition of the Contract and subject to verification by Canada during the term of the Contract. If the Contractor does not comply with any certification or it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

8. Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Nova Scotia.

9. Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- (a) the Articles of Agreement;
- (b) 2010A (2011-05-16) General Conditions - Goods (Medium Complexity),
- (c) Annex A, Requirement;
- (d) Annex B, Basis of Payment
- (e) the Contractor's bid dated _____

10. SACC Manual Clauses

B1501C (2006-06-16) Electrical Equipment

11. Insurance

The Contractor is responsible for deciding if insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any insurance acquired or maintained by the Contractor is at its own expense and for its own benefit and protection. It does not release the Contractor from or reduce its liability under the Contract.

12. Inspection and Acceptance

The Technical Authority is the Inspection Authority. All reports, deliverable items, documents, goods and

all services rendered under the Contract are subject to inspection by the Inspection Authority or representative. Should any report, document, good or service not be in accordance with the requirements of the Statement of Work and to the satisfaction of the Inspection Authority, as submitted, the

Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

ANNEX "A" REQUIREMENT

The Northern Watch TD Project requires two identical grade diesel generators for use in a remote northern camp located at Gascoyne Inlet, Devon Island, Nunavut. Due to the remote location and unavailability of service technicians, a reliable and robust machine is required. Also important is a supplier that can respond quickly to requests for parts and service advice. Fuel economy is also an important consideration as refueling is a labour intensive operation and fuel is expensive. It is expected that these machines will be custom built to fulfill all the requirements. The following is a list of remote site operational conditions followed by a list of mandatory requirements.

Remote site operational conditions:

- Because these units will be used in a northern remote camp, they must have the reliability of an industrial machine with simple analog/limited electronic controls. Electronic controls can be compromised by extreme cold.
- Environmental:
 - Elevation: Sea level
 - Ambient temp: -40 to 15°C
 - Winter storage temperature approx. -40°C
- Running Time: Continuous Operation, except for scheduled maintenance, max. 6 months per year / Storage min. 6 months per year
- Fuel Type: Arctic Diesel, P-50 grade, supplied by Petro-Canada (de-rating factor 10%)
- Load Type:
 - 110V motors (1/2 HP), furnace (oil), lights, computers, microwave, coffee maker, misc. Kitchen equipment, freezers and refrigerators, other electronic equipment, welder and battery charger. Minimal voltage dip is required.

Mandatory Requirements:

1	Prime Power Rating	20 KW min., with all de-rating factors considered
2	Standby Power Rating:	20 KW max.
3	Voltage and Phase	120/240V, 1 phase
4	Frequency:	60HZ (Canada
5	Cooling System:	Air cooled
6	Engine	Mminimum of 3 cylinders, to minimize voltage dip. (Note: a 4 cylinder engine would be acceptable as long as its fuel consumption is not greater than the 3 cylinder engine.)
7	Fuel Consumption	Less than 7 liters per hour, at 100% load
8	Emissions Standard	EPA (Intermin) Tier IV or EPA Tier IV (see Annex "C" attached

9	Cold starting requirement	Glow plugs and electric oil warmer
10	Engine Shut Downs:	Low oil pressure, high engine temperature
11	Instrument Shut Downs	- Keyed start switch - Emergency stop button - Voltmeter (L1 & L2) - Amp meter (L1 & L2) - Oil pressure gauge - Temperature gauge - Frequency meter - Hour meter - Battery charge - Volt/amp gauge.
12	DC Controls & Charging System	12 or 24 volt
13	Exhaust Silencer	Residential grade muffler shipped separately with stainless steel flexible exhaust
14	Fuel Lines	Flexible type c/w fittings
15	Generator Output Breaker	As per manufacturers specifications
16	Automatic on/off Battery Charger	Shipped loose, 1 required for each generator
17	Battery Cables	Battery cables only, to fit terminals on Sunlyte 12-5000X batteries (which uses 6mm bolts on the terminals)
18	Frame	Skid type, steel c/w hoist hook(s)
19	Vibration Isolation	Oil resistant neoprene isolation mounts for the engine, alternator and instrument panel (appropriately sized for the load).
20	Miscellaneous	A ball valve is to be installed on the outlet of the lube oil sump to facilitate oil changes
21	Manuals/Literature	Operation, maintenance and parts manuals, 2 copies of each. List of manufacturers recommended spare parts (for remote location)
22	Test Documentation	Factory test documentation deliverable with each unit
23	Emergency Maintenance Repair	In the event of a mechanical failure, the supplier of the diesel generator would be required to be able to provide a service technician and parts, at DRDC expense. All travel and logistics to and at the camp would be handled by DRDC.
24	Delivery	All the deliverables are requested to be received on or before May 31, 2012

Equipment Not Required:

- No fuel tank
- No engine enclosure
- No automatic transfer switch
- No rain cap for exhaust

-
- No battery

Note:

There are additional features available on some diesel engine models and some alternators which, while not mandatory, would be advantageous for generators in a remote location.

1. Some engine models are equipped with an automatically adjusting, fuel injection timer. The purpose of this feature is to maximize the efficiency of the engine and the fuel economy. On systems without this feature, an on-site diesel technician is required to manually make this adjustment. Since no technician will be available to monitor and adjust the fuel rate on a machine without this feature, it also becomes a maintenance issue. Therefore, this is a very desirable feature.
2. Some alternators are equipped with an auxiliary winding with a permanent magnet excitation system (basically: addition of magnets in the main exciter stator). The main benefit of this feature is a quick response to handle voltage spikes from motors and other changes in demand. Since the energy demand at Gasgoyne Camp changes regularly throughout the day, this would be a desirable feature.

ANNEX "B"**BASIS OF PAYMENT**

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price, as specified in the contract. Customs duties are included and Goods and Services Tax or Harmonized Sales Tax is extra, if applicable. Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

Price is to include all delivery charges, administration, costs and risks of transport and customs clearance, including the payment of customs duties and taxes to the destination.

Item	Description	U of I	Quantity	Unit Price	Ext. Price
1	Diesel Generator Engine (as detailed in the Requirement at Annex A) Make and Model Offered _____ _____	ea.	2	\$ _____	\$ _____
TOTAL					\$ _____

ANNEX "C"**MANDATORY TECHNICAL CRITERIA CROSS-REFERENCE**

Bidders are requested to provide cross-reference below to identify the page(s) where each mandatory specification can be demonstrated in their technical documentation provided with their bid. Canada reserves the right to verify any and all information relating to mandatory requirements.

Item	Requirement	Cross-reference from Literature (please indicate brochure title, page number, etc.)
1	Prime Power Rating: 20 KW m in., with all de-rating factors considered	
2	Standby Power Rating: 24 KW max.	
3	Voltage and Phase: 120/240V, 1 phase	
4	Frequency: 60 HZ Canada	
5	Cooling System: Air cooled	
6	Engine: minimum of 3 cylinders to minimize voltage dip	
7	Fuel Consumption: less than 7 liters per hour, at 100% load	
8	Emissions Standard: EPA (Interim) Tier IV or EPA Tier IV	
9	Cold Starting Requirement: glow plugs and electric oil warmer	
10	Engine Shut Downs: low oil pressure, high engine temperature	
11	Instrument Panel: - keyed start switch - emergency stop button - voltmeter (L1 & L2) - amp meter (L1 & L2) - oil pressure gauge - temperature gauge - frequency meter - hour meter - battery charge volt/amp gauge	
12	DC Controls & Charging System: 12 or 24 volt	
13	Exhaust Silencer: residential grade muffler shipped separately with stainless steel flexible exhaust	
14	Fuel Lines: flexible type c/w fittings	
15	Generator Output Breaker: as per manufacturers specifications	
16	Automatic on/off Battery Charger: shipped loose, 1 required for each generator	
17	Battery Cables: battery cables only, to fit terminals on Sunlyte 12-5000X batteries (which uses 6mm bolts on the terminals)	

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18	Frame: skid type, steel c/w hoist hook(s)	
19	Vibration Isolation: oil resistant neoprene isolation mounts for the engine, alternator and instrument panel (appropriately sized for the load)	
20	Miscellaneous: A ball valve is to be installed on the outlet of the lube oil sump to facilitate oil changes	
21	Manuals/Literature: - Operation, maintenance and parts manuals 2 copies of each - Lists of manufacturers recommended spare parts (for remote location)	
22	Test Documentation: Factory test documentation deliverable with each unit	
23	Emergency Maintenance Repair: In the event of a mechanical failure, the supplier of the diesel generator would be required to be able to provide a service technician and parts, at DRDC expense. All travel and logistics to and at the camp would be handled by DRDC.	
24	Delivery	All the deliverables are requested to be received on or before May 31, 2012