

**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**

<b>Title - Sujet</b> Portable Steam Boiler	
<b>Solicitation No. - N° de l'invitation</b> W0100-16I023/A	<b>Date</b> 2015-10-19
<b>Client Reference No. - N° de référence du client</b> W0100-16-I023	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$HAL-309-9635	
<b>File No. - N° de dossier</b> HAL-5-75101 (309)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-12-01</b>	<b>Time Zone Fuseau horaire</b> Atlantic Standard Time AST
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> MacNeil, Blaine A.	<b>Buyer Id - Id de l'acheteur</b> hal309
<b>Telephone No. - N° de téléphone</b> (902) 496-5180 ( )	<b>FAX No. - N° de FAX</b> (902) 496-5016
<b>Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:</b> DEPARTMENT OF NATIONAL DEFENCE FORMATION COMMANDER BLDG D-206 DOOR 1 THRU 13 HALIFAX NOVA SCOTIA B3K5X5 Canada	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

**Vendor/Firm Name and Address**

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

<b>Delivery Required - Livraison exigée</b> See Herein	<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 (type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

**Issuing Office - Bureau de distribution**

Atlantic Region Acquisitions/Région de l'Atlantique  
Acquisitions  
1713 Bedford Row  
Halifax, N.S./Halifax, (N.É.)  
B3J 3C9  
Nova Scot



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Unit Price/Prix unitaire FOB/FAM DestinationPlant/Usine		Delivery Req. Livraison Req.	Del. Offered Liv. offerte
1	Portable Steam Boiler	W0100	W0100	1	Each	\$	XXXXXXXXXXXX	See Herein	

Solicitation No. - N° de l'invitation

W0100-16I023/A

Amd. No. - N° de la modif.

File No. - N° du dossier

HAL-5-75101

Buyer ID - Id de l'acheteur

hal309

Client Ref. No. - N° de réf. du client

W0100-16-I023

CCC No./N° CCC - FMS No/ N° VME

---

This page has been intentionally left blank.

## **TABLE OF CONTENTS**

### **PART 1 - GENERAL INFORMATION**

1. Security Requirement
2. Requirement
3. Debriefings

### **PART 2 - BIDDER INSTRUCTIONS**

1. Standard Instructions, Clauses and Conditions
2. Submission of Bids
3. Enquiries - Bid Solicitation
4. Applicable Laws

### **PART 3 - BID PREPARATION INSTRUCTIONS**

1. Bid Preparation Instructions

### **PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION**

1. Evaluation Procedures
2. Basis of Selection

### **PART 5 - CERTIFICATIONS**

1. Mandatory Certifications Required Precedent to Contract Award

### **PART 6 - RESULTING CONTRACT CLAUSES**

1. Security Requirement
2. Requirement
3. Standard Clauses and Conditions
4. Delivery
5. Authorities
6. Payment
7. Invoicing Instructions
8. Certifications
9. Applicable Laws
10. Priority of Documents

#### **List of Annexes:**

Annex A          Statement of Requirement

### **PART 1 - GENERAL INFORMATION**

#### **1. Security Requirement**

There are no security provisions associated with this requirement.

#### **2. Requirement**

The Department of National Defence has a requirement for the provision of a portable containerized steam boiler, including delivery, manufacture, training, and commissioning. Delivery location is to CFB Dockyard, Halifax, Nova Scotia.

See Annex A for the full technical details.

### **3. Debriefings**

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 Manual (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-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 (2015-07-03) 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 five (5) 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 should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and 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

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.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment (line item detail p. 2). The total amount of Applicable Taxes must be shown separately.

Section III: Certifications

Bidders must submit the certifications required under Part 5.

### **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**

The technical evaluation will assess whether all mandatory requirements are met using the information provided with a bid. Canada reserves the right, but is under no obligation to clarify any information or compliance with a mandatory requirement with a bidder.

#### **1.2 Financial Evaluation**

The price of the bid will be evaluated in Canadian dollars, Applicable Taxes excluded, FOB destination, 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 and associated information to be awarded a contract.

The certifications provided by bidders to Canada are subject to verification by Canada at all times. Canada will declare a bid non-responsive, or will declare a contractor in default in carrying out any of its obligations under the Contract, if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority may render the bid non-responsive or constitute a default under the Contract.

### **5.1. Certification Required With the Bid**

Bidders must submit the following duly completed certifications as part of their bid.

#### **5.1.1 Declaration of Convicted Offences**

As applicable, pursuant to subsection Declaration of Convicted Offences of section 01 of the Standard Instructions, the Bidder must provide with its bid, a completed [Declaration Form](http://www.tpsgc-pwgsc.gc.ca/ci-if/formulaire-form-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ci-if/formulaire-form-eng.html>), to be given further consideration in the procurement process.

### **5.2. 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 inform the Bidder of a time frame within which to provide the information. Failure to comply with the request of the Contracting Authority and to provide the certifications within the time frame provided will render the bid non-responsive.

### **5.2.1 Integrity Provisions – List of Names**

Bidders who are incorporated, including those bidding as a joint venture, must provide a complete list of names of all individuals who are currently directors of the Bidder.

Bidders bidding as sole proprietorship, as well as those bidding as a joint venture, must provide the name of the owner(s).

Bidders bidding as societies, firms or partnerships do not need to provide lists of names.

### **5.2.2 Federal Contractors Program for Employment Equity - Bid Certification**

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "[FCP Limited Eligibility to Bid](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)" list ([http://www.labour.gc.ca/eng/standards\\_equity/eq/emp/fcp/list/inelig.shtml](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)) available from [Employment and Social Development Canada \(ESDC\) - Labour's](#) website.

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](#)" list at the time of contract award.

## **PART 6 - RESULTING CONTRACT CLAUSES**

### **1. Security Requirement**

There are no security provisions associated with this requirement.

### **2. Requirement**

The Contractor agrees to deliver the items and perform the work detailed in Annex A, Statement of Requirement.

### **3. 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 Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual)(<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

#### **3.1 General Conditions**

2010A (2015-09-03), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

### **4. Delivery**

#### **4.1 Delivery Date**

Boiler is to be delivered by COB 04 March 2016. The mandatory project completion date, including commissioning and training is by 31 March 2016.



## **4.2 Delivery Terms**

Delivery is to completed at:

FMF Cape Scott HMC Dockyard  
Maritime Forces Atlantic  
Building D206  
Halifax NS B3K 5X5  
Canada

## **5. Authorities**

### **5.1 Contracting Authority**

The Contracting Authority for the Contract is:

Name: Blaine MacNeil  
Title: Supply Specialist  
Public Works and Government Services Canada  
Acquisitions Branch  
Address: 1713 Bedford Row, Halifax, Nova Scotia, B3J 3C9

Telephone: 902-496-5180  
Facsimile: 902-496-5016  
E-mail address: blaine.macneil@pwgsc.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.

### **5.2 Project Authority (named upon award of contract)**

The Project Authority for the Contract is:

Name:  
Title:  
Organization:  
Address:

Telephone

The Project 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 Project Authority, however the Project 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.

### **5.3 Contractor's Representative**

Name:  
Organization:  
Telephone:

Facsimile:  
E-mail Address:

## **6. Payment**

### **6.1 Basis of Payment**

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm lot price at a cost of \$\_\_\_\_\_. Customs duties are included and Applicable Taxes are extra.

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.

### **6.2 Limitation of Price**

SACC Manual clause C6000C (2011-05-16) Limitation of Price

## **7. Invoicing Instructions**

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.

## **8. Certifications**

### **8.1 Compliance**

Compliance with the certifications and related documentation 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, provide the related documentation or if 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.

### **8.2 Federal Contractors Program for Employment Equity - Default by the Contractor**

The Contractor understands and agrees that, when an Agreement to Implement Employment Equity (AIEE) exists between the Contractor and HRSDC-Labour, the AIEE must remain valid during the entire period of the Contract. If the AIEE becomes invalid, the name of the Contractor will be added to the "FCP Limited Eligibility to Bid" list. The imposition of such a sanction by HRSDC will constitute the Contractor in default as per the terms of the Contract.

## **9. Applicable Laws**

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

## **10. 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) the general conditions 2010A (2015-07-03);
- (c) Annex A, Statement of Requirement;
- (d) the line item detail;
- (e) the Contractor's bid dated \_\_\_\_\_ and any applicable amendments

## Annex A

### Statement of Requirement

#### **Containerized Boiler Room**

1. Contractor will provide a completely containerized fully operational boiler room complete with:
  - a. Water Softener and Chemical feed water system:
  - b. Condensate return tank and makeup water control;
  - c. Feed-water pump;
  - d. 200HP boiler with boiler trim and burner management system
  - e. Dual fuel #2/ NG fuel burner and pump system; and
  - f. Air compressor.
  - g. Blowdown Tank
  - h. Chemical sample cooler
  
2. Boiler room is to be completely ready to operate and to supply steam as soon as hooked up to external electrical, water, condensate and fuel systems.

## **Boilers**

3. The boilers shall be 200 Horse Power two, three, or four pass horizontal fire-tube updraft boilers. They shall be mounted on a heavy steel frames with integral forced draft burners and burner controls. The complete package boiler shall be approved as a unit by Underwriters Laboratories and shall bear the ULC label.
4. The boiler shall be completely preassembled and fire tested at the factory. The unit shall be mounted in a containerized Unit and ready for attachment of water, steam, fuel, electrical, vent and blow down connections.
5. The boiler shell must be constructed in accordance with ASME Boiler Code and must receive authorized boiler inspection prior to shipment. A copy of the inspection report shall be furnished to the purchaser.
6. Boiler shall be capable to operate at 125 PSI.
7. Front and rear doors on the boiler shall be hinged or davited. Doors are to be sealed with fibreglass gaskets/rope and fastened tightly using cap screws.
8. Rear refractory and insulation shall be contained in the formed door, which must swing open for inspection of brick work.
9. Front and rear tube sheets and all flues must be fully accessible for inspection and cleaning when the doors are swung open. The shell must be furnished with adequate hand-holes to facilitate boiler inspection and cleaning.
10. Boiler to come with removable stub stack set up easily removed and installed for transport.

## **Steam Boiler Trim**

11. A water column complete with gauge glass set and water column blow-down valves.
12. The boiler feed-water pump control shall be included as an integral part of the water column to automatically actuate a motor driven feed water pump maintaining the boiler water level within normal limits.
13. The low water and high water cut-off shall be included as an integral part of the boiler feed-water control wired into the burner control circuit to prevent burner operation if the boiler water level falls below or above a safe level.
14. Auxiliary low water cut-off manual reset shall be included, piped to the vessel, and wired to the burner control circuit. A manual reset device shall be used on this control.

15. The steam pressure gauge shall be located at the front of the boiler and include cock and test connection.
16. Safety valves of a type and size to comply with ASME Code requirements and will be piped to vent outside container.
17. The steam pressure controls to regulate burner operation shall be mounted near the water column. Controls shall be a high limit (manual reset), operating limit (auto reset), and firing rate control.
18. Boiler is to be set up to fire on #2 Fuel and natural gas and must come with pilot and main fuel valves regulators, and manual shut off valves.

### **Burner & Controls**

19. Burner Type - The burner shall be fully modulating and integral with the front head of the boiler. The burner shall be approved for operation on natural gas and #2 Fuel.
20. Pilot - shall be a premix type with automatic electric ignition. An electronic detector shall monitor the pilot so that the primary fuel valve cannot open until pilot flame has been established. The pilot train shall include two manual shut-off valves, solenoid valve, pressure regulator and pressure gauge.
21. Fuel burner piping on all units shall include pressure regulator, primary Fuel shutoff valve, motor operated with proof of closure switch and plugged leakage test connection. The main Fuel valve(s) shall be wired to close automatically in the event of power failure, flame failure, low water or any safety shutdown condition.
22. The control panel shall be mounted on the front door of the boiler in a location convenient to the operator.
23. The panel shall contain the boiler flame safeguard controller, blower motor starter, indicating lights and selector switches.
24. The following controls must also be installed, emergency boiler status indicators on the outside of container, emergency kill switch on the outside of container; and a back net controller for remote monitoring hook up.
25. Suitable electrical connections, wiring and transformer so that it can be operated on either 208-volt 3-phase or 600-volt 3-phase power; electrical will be fed to a hubble connection on the outside of the container.

26. All electrical equipment and wiring shall be in conformance with Underwriters Laboratories requirements.

## **Container**

27. The container shall be of steel construction, water proofed, fully insulated and come with electrical heat and lights. The container will be fully transportable via flatbed trailer. Container frame shall be strong enough to be lifted by Forklift and have eyelets welded at the top of the four corners strong enough to take the weight of container and installed equipment for lifting by crane.

28. Container to have adequate inlet and outlet air vents to allow for burner operation and must conform to all codes.

29. Container must have adequate doors to facilitate boiler cleaning and maintenance.

30. Container must contain a man access door for operator to enter and exit. It must contain at least one window for natural light and to act as an emergency exit.

31. All equipment is to be laid out so that the operator can easily access all equipment for operating and maintenance.

32. All through connections for piping and wiring will be fully water proofed and insulated with appropriate insulation for each application.

## **Piping**

33. All piping Natural Gas, Steam, Water, and fuel will adhere to appropriate codes (listed below) and shall be piped to a flanged connection on the exterior of the container ready for external hook –up.

**Codes:** CSA B149 - Natural Gas  
CSA B125 - CSA B64 Plumbing  
CSA B139 – Oil Burning Equipment  
CSA B51 – Boilers and pressure vessels

## **Commissioning**

34. The successful bidder will completely commission unit. Running boiler through the full range of firing. Boiler room to be inspected and approved by the Nova Scotia Department of Labour - Boilers Branch prior to handover.

## **Training**

35. The successful bidder will provide two (2) - 4 hour training sessions to train groups of 6 operators in each session on all operations for the unit. Training will take place within two (2) weeks of commissioning, with approved schedule from DND.

**The bidder is required to provide a signature indicating that they will provide all the above (1-35), as specified, upon award of a contract:**

**Sign:** \_\_\_\_\_ **Date:** \_\_\_\_\_