

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 0A1 / Noyau 0A1
Gatineau, Québec K1A 0S5
Bid Fax: (819) 997-9776

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 HIGH PRESSURE SPRAY CHARACTER		
Solicitation No. - N° de l'invitation 23375-140504/A	Date 2014-01-22	
Client Reference No. - N° de référence du client 23375-140504		
GETS Reference No. - N° de référence de SEAG PW-\$\$HL-420-64480		
File No. - N° de dossier hl420.23375-140504	CCC No./N° CCC - FMS No./N° VME	
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2014-03-04		Time Zone Fuseau horaire Eastern Standard Time EST
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: Dumm, Jennifer		Buyer Id - Id de l'acheteur hl420
Telephone No. - N° de téléphone (819) 956-9675 ()	FAX No. - N° de FAX () -	
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF NATURAL RESOURCES 1 HAANEL DR. OTTAWA Ontario K1A1M1 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

Fuel & Construction Products Division
11 Laurier St./11, rue Laurier
7A2, Place du Portage, Phase III
Gatineau, Québec K1A 0S5

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

Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Unit Price/Prix unitaire FOB/FAM Destination	Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
1	HIGH PRESSURE SPRAY CHARACTERIZATION VESSEL TO BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE STATEMENT OF WORK AND THE GENERAL ARRANGEMENT DRAWING (MAIN VESSEL ASSEMBLY) ATTACHED	23375	I - I	1	Each	\$	XXXXXXXXXXXX	See Herein	

TABLE OF CONTENTS

PART 1 - GENERAL INFORMATION

1. Security Requirement
2. Statement of Work
3. Debriefings

PART 2 - BIDDER INSTRUCTIONS

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

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. Statement of Work
3. Standard Clauses and Conditions
4. Term of Contract
5. Authorities
6. Payment
7. Invoicing Instructions
8. Certifications
9. Applicable Laws
10. Priority of Documents
11. Wood Packaging Materials
12. Incomplete Assemblies
13. Insurance
14. Inspection and Acceptance
15. Shipping Instructions

List of Annexes:

Annex A Statement of Work and Main Vessel Assembly Drawing

Solicitation No. - N° de l'invitation

23375-140504/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

hl420

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

23375-140504

File No. - N° du dossier

hl42023375-140504

CCC No./N° CCC - FMS No/ N° VME

PART 1 - GENERAL INFORMATION

1. **Security Requirement**

There is no security requirement associated with this bid solicitation.

2. **Statement of Work**

The Work to be performed is detailed under Article 2 of the resulting contract clauses.

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 (2013-06-01) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of 2003, Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: sixty (60) days

Insert: ninety (90) days

1.1 Condition of Material

Material supplied must be new and conform to the latest issue of the applicable drawing, specification and/or part number that is in effect on the bid solicitation closing date.

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 ten (10) 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.

3.1 Improvement of Requirement During Solicitation Period

Should bidders consider that the specifications or Statement of Work contained in the bid solicitation could be improved technically or technologically, bidders are invited to make suggestions, in writing, to the Contracting Authority named in the bid solicitation. Bidders must clearly outline the suggested improvement as well as the reason for the suggestion. Suggestions that do not restrict the level of competition nor favour a particular bidder will be given consideration provided they are submitted to the Contracting Authority at least ten (10) days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

4. Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties

determined, by the laws in force in Ontario.

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.

5. Delivery

While delivery is requested by **30 April 2014**, the best delivery that could be offered is

_____.

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 (two (2) hard copies)

Section II: Financial Bid (one (1) hard copies)

Section III: Certifications (one (1) hard copies)

Prices must appear in the line item detail 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>). 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

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 and the Mandatory Financial Criteria. The total amount of Applicable Taxes must be shown separately.

1.3 Exchange Rate Fluctuation

The requirement does not offer exchange rate fluctuation risk mitigation. Requests for exchange rate fluctuation risk mitigation will not be considered. All bids including such provision will render the bid non-responsive.

1.4 Progress Payments

Progress payments will not be considered unless specifically offered by PWGSC in this document.

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

All bids must be completed in full and provide all of the information requested in the bid solicitation to enable full and complete evaluation.

1.1.1 Mandatory Technical Criteria

- a) The Bidder must provide documentation with their bid showing how they meet the technical requirements detailed in Annex "A"; and

1.2 Financial Evaluation

1.2.1 Mandatory Financial Criteria

- a) The Bidder must bid a firm price in Canadian funds, Applicable Taxes excluded, DDP Delivered Duty Paid to destination(s) Incoterms 2000, Customs Duties included; and.
- b) The Bidders' financial bid must be in accordance with the Basis of Payment.

2. Basis of Selection

A bid must comply with all requirements of the bid solicitation 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 documentation 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, if any certification made by the Bidder is found to be untrue whether 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 with this request will also render the bid non-responsive or will constitute a default under the Contract.

1. Mandatory Certifications Required Precedent to Contract Award

1.1 Code of Conduct and Certifications - Related documentation

By submitting a bid, the Bidder certifies that the Bidder and its affiliates are in compliance with the provisions as stated in Section 01 Code of Conduct and Certifications - Bid of Standard Instructions 2003. The related documentation therein required will assist Canada in confirming that the certifications are true.

1.2 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" list (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) available from Human Resources and Skills Development Canada (HRSDC) - Labour's website http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/index.shtml.

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 " (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) list at the time of contract award.

PART 6 - RESULTING CONTRACT CLAUSES

1. Security Requirement

There is no security requirement applicable to this Contract.

2. Statement of Work

The Contractor must perform the Work in accordance with the Statement of Work at Annex "_____" and the Contractor's technical bid entitled _____, dated _____.

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>) issued by Public Works and Government Services Canada.

3.1 General Conditions

2010A (2013-04-25), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

4. Term of Contract

4.1 Complete Delivery

The Contractor must make the complete delivery within _____ calendar days from the effective date of the Contract.

4.2 Adherence to Delivery Schedule

The contractor will promptly give notice to the Department of Public Works and Government Services of its inability to meet the contract delivery schedule and will request therein an extension of time stating its proposed revised delivery schedule and offering consideration for such revisions. Until such notice is received and the revised delivery schedule agreed to by the Department of Public Works and Government Services, the Minister may, pursuant to the General Conditions, on the business day following the due date of delivery of any outstanding materials, **terminate the whole or part of the contract for default.**

5. Authorities

5.1 Contracting Authority

The Contracting Authority for the Contract is:

Jennifer Dumm, Supply Specialist
Public Works and Government Services Canada
Acquisitions Branch, Commercial Acquisition & Supply Management Sector
Logistics, Electrical, Fuel & Transportation Directorate
Fuel & Construction Products Division (HL)
11 Laurier Street, 7A2, Place du Portage, Phase III
Gatineau, QC K1A 0S5
Telephone: 819-956-9675 Facsimile: 819-956-5227
E-mail address: Jennifer.Dumm@tpsgc-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 Technical Authority

The Technical Authority for the Contract is:

Name: _____

Title: Research Engineer
 Organization: Natural Resources Canada, CanmetENERGY
 Address: 1 Haanal Drive, Ottawa ON
 Telephone : _____
 Facsimile: _____
 E-mail address: _____

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.

5.2 Contractor's Representative

Name and telephone number of the person responsible for :

	General Enquiries	Delivery Follow-up
Name:	_____	_____
Telephone No.:	_____	_____
Facsimile No.:	_____	_____
E-mail address:	_____	_____

6. Payment

6.1 Basis of Payment - Firm Price

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 for a cost of \$ _____ CAD. 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 Terms of Payment - Single Payment

Canada will pay the Contractor upon completion and delivery of the Work in accordance with the payment provisions of the Contract if:

- an accurate and complete invoice and any other documents required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- all such documents have been verified by Canada;
- the Work delivered has been accepted by Canada.

7. Invoicing Instructions

The Contractor must submit invoices in accordance with the information required in Section 10 of 2010A, General Conditions - Goods (Medium Complexity).

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, or 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.

9. **Applicable Laws**

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

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) 2010A (2013-04-25) General Conditions - Goods (Medium Complexity);
- (c) Annex A, Statement of Work and Main Vessel Assembly Drawing;
- (d) Basis of Payment;
- (e) the Contractor's bid dated _____, as clarified on _____, as amended on _____.

11. **Wood Packaging Materials**

All wood packaging materials used in shipping must conform to the International Standards for Phytosanitary Measures No. 15: Regulation of Wood Packaging Material in International Trade (ISPM 15).

Pertinent additional information on Canada's import and export programs is provided in the following Canadian Food Inspection Agency policy directives:

D-98-08 - Entry Requirements for Wood Packaging Materials Produced in All Areas Other Than the Continental United States

D-01-05 - The Canadian Wood Packaging Certification Program (CWPCP)

12. **Incomplete Assemblies**

The Contractor must not ship incomplete assemblies unless the authorization for such shipment has been obtained before from the Contracting Authority.

13. **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.

14. **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.

15. **Shipping Instructions - Delivery at Destination**

1. Goods must be consigned to the destination specified in the Contract and delivered DDP Delivered Duty Paid Natural Resources Canada, 1 Haanal Drive, Ottawa ON Incoterms 2000 for shipments from commercial contractor.
2. The Contractor is responsible for all delivery charges, administration, costs and risk of transport and customs clearance, including the payment of customs duties and applicable taxes.

ANNEX A**Statement of Work****High Pressure Spray Characterization Vessel**

The Bidder is to design to the ASME Boiler and Pressure Vessel Code Section VIII, Div 1 for two pressure ratings; 1) 35.7 bar(g) at 200 °C and 2) 27.3 bar(g) at 500 °C, prepare and submit drawings for approval, attain registration for use in the province of Ontario, supply, fabricate, non-destructive test, TSSA inspect, ASME stamp, glass bead blast, prepare for shipment, deliver to CanmetENERGY, and supply the necessary quality control documentation for:

- One only 12" diameter high pressure spray characterization vessel similar to the drawing attached 'Main Vessel Assembly' on sheet number 1. The vessel and all process wetted components shall be fabricated using **316SS**. Alternate materials can be provided subject to approval by CanmetENERGY if **316SS** is shown to be inappropriate for the design conditions specified.

The Bidder is to meet the following mandatory requirements:

- The Bidder shall design the 'High Pressure Spray Characterization Vessel' according to the attached general arrangement drawings. Modifications to the design can be performed subject to approval by CanmetENERGY to meet the requirements of the ASME Boiler & Pressure Vessel Code Section VIII, Div 1 or good engineering practice.
- The 'High Pressure Spray Characterization Vessel' shall be manufactured by the Bidder according to registered manufacturing drawings and as approved by CanmetENERGY. All bolts, studs, nuts, and gaskets required for connection of the spool pieces of the vessel shall be supplied by the Bidder. All bolts, studs, nuts, and gaskets as required for sealing of all vessel connection points shall be supplied by the Bidder. All supplied bolts, studs, and gaskets shall be suitable for operation of the vessel at design conditions.
- The 'High Pressure Spray Characterization Vessel' shall be registered with the Technical Standards Safety Authority (TSSA) in the province of Ontario as a pressure vessel.
- The Bidder shall provide and bear the cost of all inspections, as required. All inspection documents are to be submitted to the Client upon delivery of the completed pressure vessel.
- The Bidder shall provide the opportunity for the Client to witness all testing of the finished pressure vessel.
- Engineering design shall be performed by an individual registered as a professional engineer with the appropriate engineering association for the province or state in which the design is being carried out. This individual must be cognizant of the engineering acts and regulations in Ontario.
- The Bidder is asked to provide a manufacturing and delivery schedule as part of the bid proposal. The Bidder will provide updates on progress and anticipated completion dates as requested by the Client.
- The Bidder shall submit manufacturing drawings for approval by the Client prior to the commencement of manufacturing. The drawings are to include the vessel weight.

Solicitation No. - N° de l'invitation

23375-140504/A

Amd. No. - N° de la modif.

File No. - N° du dossier

hl42023375-140504

Buyer ID - Id de l'acheteur

hl420

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

23375-140504

CCC No./N° CCC - FMS No/ N° VME

-
- The Bidder shall supply manufacturing drawings, design report (including construction details, thickness calculations, nozzle details, hydrostatic test requirements, radiography requirements, bolting requirements, name plate data), TSSA manufacturers data report, and NDE reports as required.
 - The Bidder shall arrange for shipping of the finished vessel pieces on skids to the CanmetENERGY facility.

