



**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 Numerical control machine tool	
Solicitation No. - N° de l'invitation 31026-130217/A	Date 2013-09-27
Client Reference No. - N° de référence du client 31026-13-0217	
GETS Reference No. - N° de référence de SEAG PW-\$\$PV-939-63583	
File No. - N° de dossier pv939.31026-130217	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-11-12	
Time Zone Fuseau horaire Eastern Standard Time EST	
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes	
Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Quinn, Laurie	Buyer Id - Id de l'acheteur pv939
Telephone No. - N° de téléphone (819) 956-3824 ()	FAX No. - N° de FAX (819) 956-3814
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: CONSEIL NATIONAL DE RECHERCHES DU CANADA ÉDIFICE BOUCHERVILLE, 75 BOUL. DE MORTAGNE BOUCHERVILLE Québec J4B6Y4 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

Scientific, Medical and Photographic Division / Division de
l'équipement scientifique, des produits photographiques et
pharmaceutiques
11 Laurier St./ 11 rue, Laurier
6B1, Place du Portage
Gatineau, Québec K1A 0S5

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



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Destination	Unit Price/Prix unitaire FOB/FAM	Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
1	Numerical control machine tool as per Mandatory Specifications detailed at Annex "A".	31026	31026	1	UN	\$	\$			

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
2. Additional Certifications Required with the Bid

PART 6 - RESULTING CONTRACT CLAUSES

1. Security Requirement
2. Requirement
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. SACC Manual Clause
12. Shipping Instructions - Delivery at Destination

List of Annexes:

Annex A Manadatory Specifications

PART 1 - GENERAL INFORMATION

1. Security Requirement

There is no security requirement associated with this bid solicitation.

2. Requirement

The requirement is detailed under the "Line Item Detail".

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 (<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 (2012-11-19) 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

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.

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, Canada.

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 (two (2) hard copies)
 Section II: Financial Bid (one (1) hard copy)
 Section III: Certifications (one (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 (<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

The following applies to the Requirement and bidders must provide the following information in the bid where applicable:

1.1.1 Installation

On-site installation must be provided and shall be carried out by a qualified service technician no later than March 31, 2014.

State your best installation schedule. Installation will be carried out within _____ calendar days of delivery and be completed within _____ calendar days.

1.1.2 Manuals

Two (2) complete sets of user documentation in English and French must be supplied.

1.1.3 Training

On-site user training must be provided for up to two (2) users. All costs associated with the on-site training must be included in the price.

On-site training will be completed within _____ calendar days of installation. Provide complete details of training e.g. duration, scope, etc.,

1.1.4 Service

Purchase of the system must include: technical support; technical phone support; support via the Internet; and support via a fax-back document system.

Response for service must be within 24 hours or less.

Also, provide the following with your bid:

- a) Location of available service facilities (after sales service and repair). List the service facilities closest to the destination.

- b) Locations of available replacement parts from consumables to major components.

- c) Response time re: service calls, and escalation schedule, i.e. (how many days with no resolution to a problem until a more experienced person is called in, and from which location).

- d) List the frequency of routine maintenance visits provided by a qualified service technician during the warranty period, if applicable and included in the price.

1.1.5 Product(s) Offered (Bidder to complete)

The Bidder must indicate the make and model number of the products offered (identify specific components which make up the system):

Name of Manufacturer: _____

Model/Part Number: _____

Literature attached: Yes (_____) No (_____) _____

1.1.6 Point of Manufacture/Shipping (Bidder to complete)

The Bidder must state the point of manufacture/shipping of goods or where service is to be performed:

Location: _____

Postal Code: _____

1.1.7 Delivery (Bidder to complete)

Delivery and installation must be no later than March 31, 2014, the best delivery that could be offered by the Bidder is _____.

1.1.8 Contacts

Bidders are requested to provide the following: Information pertaining to Article 5.3 Contractor Representatives under Part 6, Resulting Contract Clauses.

1.2 Section II: Financial Bid

The bidder must quote a firm lot price all inclusive of supply, installation, training and manuals (if applicable), DDP (Boucherville, Québec), the Goods and Services Tax (GST) and/or the Harmonized Sales Tax (HST) extra, as applicable. Freight charges to destination and all applicable Customs duties and taxes must be included.

1.2.1 SACC Manual Clauses

C3011T

Exchange Rate Fluctuation

2010-01-11

1.3 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 proposals submitted must be completed in full and provide all of the information requested in the Request for Proposal (RFP) package to enable a full and complete evaluation. If the requirement is not addressed in the bidder's proposal, the proposal will be considered incomplete or non-responsive and will be rejected. The onus is on the bidder to provide all the information necessary to ensure a complete and accurate assessment.

Factors for Evaluation

- 1. PRICING BASIS (MANDATORY): Prices must be firm, DDP Delivered Duty Paid.

2. ABILITY TO MEET THE TECHNICAL REQUIREMENT (MANDATORY):**a) For Items Defined by Specifications:**

The bidder is requested to cross reference the mandatory technical criteria contained herein to their supporting technical documentation.

b) Provision of Supporting Technical Documentation:

Supporting technical documentation for the stores offered must be provided with the bid at time of bid closing.

Technical brochures or technical data **MUST** be provided to verify compliancy to the technical mandatory specifications.

3. COMPLIANCE WITH THE TERMS AND CONDITIONS OF THIS REQUEST FOR PROPOSAL (MANDATORY)**4. FOR CANADIAN SUPPLIERS ONLY: Please note that the requirements of the Federal Contractors Program for Employment Equity may apply - see herein. (MANDATORY if applicable)****1.1.1 Mandatory Technical Criteria**

See Annex A.

1.2 Financial Evaluation

The lowest evaluated price will be established using the following criteria:

a) prices will be evaluated in Canadian Funds, Applicable Taxes excluded, Canadian customs duties and excise taxes included. For evaluation purposes, bids received in a foreign currency will be converted to Canadian funds using the appropriate rate of exchange using the rate quoted by the Bank of Canada as being in effect on date of bid closing.

b) prices will be evaluated on DDP Destination Incoterms 2000.

2. Basis of Selection

A0031T Basis of Selection - Mandatory Technical Criteria Only

2010-08-16

PART 5 - CERTIFICATIONS

Bidders must provide the required certifications and related documentation to be awarded a contract. Canada will declare a bid non-responsive if the required certifications and related documentation 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, to provide the related documentation or to comply with the request of the Contracting Authority for additional information will also render the bid non-responsive.

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. The related documentation therein required will assist Canada in confirming that the certifications are true.

2. **Additional Certifications Required with the Bid**

Bidders must submit the following duly completed certifications with their bid.

2.1 **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) available from [Human Resources and Skills Development Canada \(HRSDC\)](http://www.hrsdc.gc.ca) - [Labour's](http://www.labour.gc.ca) 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](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 associated with this bid solicitation.

2. **Requirement**

The Contractor must provide the items detailed under the Line Item Detail.

2.1 **Manuals**

Two (2) complete sets of user documentation in English and French must be supplied.

3. **Standard Clauses and Conditions**

All clauses and conditions identified in the Contract by number, date and title are set out in the (<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.

Solicitation No. - N° de l'invitation

31026-130217/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

pv939

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

31026-13-0217

File No. - N° du dossier

pv93931026-130217

CCC No./N° CCC - FMS No/ N° VME

4. Term of Contract

4.1 Delivery Date

All the deliverables must be received on or before _____ (to be filled in at contract award).

5. Authorities

5.1 Contracting Authority

The Contracting Authority for the Contract is:

Laurie Quinn
Supply Officer
Public Works and Government Services Canada
Acquisitions Branch
Commercial Consumer Products Directorate
11 Laurier Street, 6A2, Phase III
Place du Portage, Gatineau, Quebec, K1A 0S5

Telephone: 819-956-3824
Facsimile: 819-956-3814
E-mail address: laurie.quinn@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:(filled in at contract award)

The Technical Authority named above 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.

5.3 Contractor's Representative (bidder to complete)

The telephone number of the person responsible for:

General enquiries

Name: _____
Telephone No. _____
Facsimile No. _____
E-mail address: _____

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 lot price, as specified in the contract, for a cost of \$ _____ (to be filled in only at contract award). Customs duties are included and Applicable Taxes 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 Single Payment

H1000C

Single Payment

2008-05-12

7. 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.
 - (b) One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

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.

9. Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in the province of Ontario, Canada.

10. Priority of Documents

If there is a discrepancy between the wordings 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.

Solicitation No. - N° de l'invitation

31026-130217/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

pv939

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

31026-13-0217

File No. - N° du dossier

pv93931026-130217

CCC No./N° CCC - FMS No/ N° VME

- (a) the Articles of Agreement;
- (b) 2010A (2013-04-25) General Conditions - Goods (Medium Complexity);
- (c) Annex A, Mandatory Specifications;
- (d) the Contractor's bid dated (to be filled in at contract award) .

11. SACC Manual clause

A9062C	Site Regulations	2010-01-11
A2000C	Foreign Nationals (Canadian Contractor)	2006-06-16
A2001C	Foreign Nationals (Foreign Contractor)	2006-06-16

12. Shipping Instructions - Delivery at Destination

1. Goods must be consigned to the destination specified in the Contract and delivered:

Delivered Duty Paid (DDP) Boucherville, Québec Incoterms 2000 for shipments from a commercial contractor.
2. The Contractor will be responsible for all delivery charges, administration, costs and risk of transport and customs clearance, including the payment of customs duties and taxes.

ANNEX A Mandatory Specifications

Bidders must ensure that technical literature/brochures, etc. verifying compliance with each area of the criteria stated below is submitted with their proposal at time of bid closing. Failure to provide the technical literature or failure to verify compliance with any area of the criteria will render your proposal non-responsive and no further consideration will be given.

1.1 The computer numerical control machine tool for polymer micro-machining must be provided with a sound dampening enclosure;

Reference in Contractors Proposal: _____

1.2 A safety switch must be located no more than 50cm from the machining table. Tripping this safety switch must cause immediate stoppage of all sequences;

Reference in Contractors Proposal: _____

1.3 The machining table must be designed to accommodate single, flat thermoplastic samples (COC, COP, polycarbonate or PMMA), with size XYZ ranging from 25mm x 75mm x 0.5mm to 150mm x 150mm x 3mm, and leave no marks on the sample;

Reference in Contractors Proposal: _____

1.4 The machining must be possible over the entire upper XY face of the sample;

Reference in Contractors Proposal: _____

1.5 Drilling must be possible completely through the total thickness Z of the sample;

Reference in Contractors Proposal: _____

1.6 Fixing must be by suction (vacuum table);

Reference in Contractors Proposal: _____

1.7. The on-board tooling holder of the computer numerical control machine for polymer micro-machining must contain a minimum of five tools spaces. (drill bits and end-mills);

Reference in Contractors Proposal: _____

1.8 The computer numerical control machine tool must have two modes for changing tools, one done directly upon request and the other within a programmed machining sequence;

Reference in Contractors Proposal: _____

1.9 The computer numerical control machine tool must include an integrated dust extraction system for dust produced during machining and this extraction system must include a high efficiency particulate air (HEPA) filter;

Reference in Contractors Proposal: _____

- 1.10 The computer numerical control machine tool must include a fiducial positioning camera that allows a magnification between 30X and 50X for imaging alignment marks. The positioning range of this camera must at least cover the entire surface XY of a 150mm x 150mm sample;

Reference in Contractors Proposal: _____

- 1.11 The cutting tool positioning resolution must be equal to, or less than, 2µm for the three axes, XYZ. The cutting tool positioning repeatability must be equal to, or less than, 4µm for the three axes, XYZ;

Reference in Contractors Proposal: _____

- 1.12 The maximal spindle speed of the cutting tool must be equal to, or greater than 80,000rpm;

Reference in Contractors Proposal: _____

- 1.13 The computer numerical control machine tool must include control software for machining and camera positioning;

Reference in Contractors Proposal: _____

- 1.14 The control software of the computer numerical control machine tool must perform the import of DXF (Drawing Exchange Format) CAD (Computer-aided design) files;

Reference in Contractors Proposal: _____

- 1.15 The computer numerical control machine tool for polymer micro-machining must operate at 110V/120V, single phase electrical supply and be CSA (Canadian Standards Association) approved;

Reference in Contractors Proposal: _____

Constraints

- 1.16 The footprint of the computer numerical control machine tool for polymer micro-machining must be less than 2m².

Reference in Contractors Proposal: _____