



## RETURN BIDS TO:

## RETOURNER LES SOUMISSIONS À:

Réception des soumissions - TPSGC / Bid Receiving  
- PWGSC

1550, Avenue d'Estimauville

1550, D'Estimauville Avenue

Québec

Québec

G1J 0C7

## 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**

**Vendor/Firm Name and Address**

**Raison sociale et adresse du**

**fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**

TPSGC/PWGSC

601-1550, Avenue d'Estimauville

Québec

Québec

G1J 0C7

<b>Title - Sujet</b> Tour a commande numérique 2 axes	
<b>Solicitation No. - N° de l'invitation</b> W7701-196956/A	<b>Date</b> 2018-10-31
<b>Client Reference No. - N° de référence du client</b> W7701-196956	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$QCL-043-17522	
<b>File No. - N° de dossier</b> QCL-8-41102 (043)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2018-12-11</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Heure Normale du l'Est HNE
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Beauchesne, Sonia	<b>Buyer Id - Id de l'acheteur</b> qcl043
<b>Telephone No. - N° de téléphone</b> (418) 649-2702 ( )	<b>FAX No. - N° de FAX</b> (418) 648-2209
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> RDDC-R et D Défense Canada-Valcatier BATISSE 53 2459 ROUTE DE LA BRAVOURE QUEBEC Québec G3J1X5 Canada	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

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

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## PART 1 - GENERAL INFORMATION

### 1.1 Security Requirements

1. Before award of a contract, the following conditions must be met:
  - a) the Bidder must hold a valid organization security clearance as indicated in Part 6 - Resulting Contract Clauses;
  - b) the Bidder's proposed individuals requiring access to classified or protected information, assets or sensitive work sites must meet the security requirements as indicated in Part 6 - Resulting Contract Clauses;
  - c) the Bidder must provide the name of all individuals who will require access to classified or protected information, assets or sensitive work sites;
2. Bidders are reminded to obtain the required security clearance promptly. Any delay in the award of a contract to allow the successful Bidder to obtain the required clearance will be at the entire discretion of the Contracting Authority.
3. For additional information on security requirements, Bidders should refer to the [Contract Security Program](http://www.tpsgc-pwgsc.gc.ca/esc-src/introduction-eng.html) of Public Works and Government Services Canada (<http://www.tpsgc-pwgsc.gc.ca/esc-src/introduction-eng.html>) website.

### 1.2 Requirement

The requirement is detailed under Article 6.2 of the resulting contract clauses.

### 1.3 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 from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

### 1.4 Trade Agreements

The requirement is subject to the provisions of the North American Free Trade Agreement (NAFTA) and the Canadian Free Trade Agreement (CFTA).

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## 1.5 epost Connect service

This bid solicitation allows bidders to use the epost Connect service provided by Canada Post Corporation to transmit their bid electronically. Bidders must refer to Part 2 entitled Bidder Instructions, and Part 3 entitled Bid Preparation Instructions, of the bid solicitation, for further information.

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## PART 2 - BIDDER INSTRUCTIONS

### 2.1 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) (<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](#) (2018-05-22) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

### 2.2 Submission of Bids

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

Bid Receiving Unit  
Public Works and Government Services Canada (PWGSC)  
601-1550, Avenue d'Estimauville  
Québec, (Québec) G1J 0C7

facsimile : 418-648-2209

epost Connect service :  
TPSGC.RQReceptionSoumissions-QRSupplyTendersReception.PWGSC@tpsgc-pwgsc.gc.ca

\*\*\*Note that **you cannot send** your proposal/solicitation directly to the email address; you must use an [ePost connection](https://www.canadapost.ca/cpc/en/business/postal-services/digital-mail/epost-connect.page) (<https://www.canadapost.ca/cpc/en/business/postal-services/digital-mail/epost-connect.page>). Please create a Postel account and send an email to the address above to **start a conversation**.\*\*\*

### 2.3 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 question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all Bidders. Enquiries not submitted in a form that can be distributed to all Bidders may not be answered by Canada.

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## **2.4 Applicable Laws**

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

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

### 3.1 Bid Preparation Instructions

- If the Bidder chooses to submit its bid electronically, Canada requests that the Bidder submits its bid in accordance with section 08 of the 2003 standard instructions. Bidders must provide their bid in a single transmission. The epost Connect service has the capacity to receive multiple documents, up to 1GB per individual attachment.

The bid must be gathered per section and separated as follows:

Section I: Technical Bid  
Section II: Financial Bid  
Section III: Certifications

- If the Bidder chooses to submit its bid in hard copies, Canada requests that the Bidder submits its bid in separately bound sections as follows:

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

- If the Bidder is simultaneously providing copies of its bid using multiple acceptable delivery methods, and if there is a discrepancy between the wording of any of these copies and the electronic copy provided through epost Connect service, the wording of the electronic copy provided through epost Connect service will have priority over the wording of the other copies.

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 hard copy 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](https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573) (<https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573>). To assist Canada in reaching its objectives, bidders should:

- a) 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
- b) 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.

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**Section II: Financial Bid**

Bidders must submit their financial bid in accordance with the Basis of Payment.

**3.1.1 Exchange Rate Fluctuation**

C3011T (2013-11-06), Exchange Rate Fluctuation

**Section III: Certifications**

Bidders must submit the certifications and additional information required under Part 5.

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## PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

### 4.1 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.

#### 4.1.1 Technical Evaluation

The bid must meet the mandatory technical criteria specified in this annex. Bidders must provide the necessary documentation to support compliance with this requirement. Each mandatory criterion should be addressed separately.

##### 4.1.1.1 Mandatory Technical Criteria

###### **Equipment Minimum Performance Characteristics Selected from Annex A**

Although Bidders must propose products meeting all "minimum performance characteristics of equipment" required in Annex A; at the bid closing date, bids will be evaluated on the "minimum performance characteristics of equipment selected" listed in the table of "Minimum performance characteristics of equipment selected of Annex A".

Simply stating that the proposed product complies or that it meets the "minimum performance characteristics of equipment selected" is not enough. To demonstrate that their products meet all the "minimum performance characteristics of equipment selected", Bidders must submit bid, proofs of compliance.

Bidders should complete the last column of the "Table of minimum performance characteristics of equipment selected of Annex A" hereafter using cross-referenced to the proofs of compliance; Bidders should indicate where in the bid the reference material can be found, including the title of the document, and the page and paragraph numbers. The proofs of compliance must provide sufficient detail and explanation to allow evaluation and demonstrate that each the "minimum performance characteristics of equipment selected" is met.

Proof of compliance is defined as a document, such as a brochure and/or technical literature and/or a third party test report provided by a nationally and/or internationally recognized testing facility and/or a report generated by a nationally and/or internationally recognized third party software.

Canada will evaluate only the documentation provided with a bidder's bid. Canada will not evaluate information such as references to Web site addresses where a can be found, or technical manuals or brochures not submitted with the bid.

<b>Mandatory Criteria – Equipment Minimum performance Characteristics, selected from Annex A</b>		<b>Bidder's Substantiation</b>  (should indicate the reference to the technical documentation included in Bid; such as title, page, section, paragraph...
<b>1</b>	<u>Maximum</u> floor space (length x width x height), including all machine components: 120" X 64" X 80" (Limited space).	
<b>2</b>	The machine must have the ability to machine a piece of at least 3 inches.	
<b>3</b>	The machine should have a Y axis and be able to receive live tools on all turret stations.	
<b>4</b>	The expected power and revolution will have to be 30hp and 4,000 rpm. Many other specifications are detailed below	

#### 4.1.2 Financial Evaluation

SACC Manual Clause [A0220T](#) (2014-06-26), Evaluation of Price

#### 4.2 Basis of Selection - Mandatory Technical Criteria

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.

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## PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Unless specified otherwise, 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 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 will render the bid non-responsive or constitute a default under the Contract.

### 5.1 Certifications Required with the Bid

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

#### 5.1.1 Integrity Provisions - Declaration of Convicted Offences

In accordance with the Integrity Provisions of the Standard Instructions, all bidders must provide with their bid, if applicable, the declaration form available on the [Forms for the Integrity Regime](http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html) website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>), to be given further consideration in the procurement process.

### 5.2 Certifications Precedent to Contract Award and Additional Information

The certifications and additional information listed below should be submitted with the bid, but may be submitted afterwards. If any of these required certifications or additional information 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 provide the certifications or the additional information listed below within the time frame provided will render the bid non-responsive.

#### 5.2.1 Integrity Provisions – Required Documentation

In accordance with the [Ineligibility and Suspension Policy](#), the Bidder must provide the required documentation, as applicable. Consult sections [4.21](#), [5.16](#) and [8.70.2](#) of the Supply Manual for additional information.

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real procurement agreement of the [Ineligibility and Suspension Policy](#) (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

#### 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" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](#) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#>).

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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.

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## PART 6 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

Notice : Numbering will be revised at Contract award.

### 6.1 Security Requirements

The following security requirements (SRCL and related clauses provided by the Contract Security Program) apply and form part of the Contract.

1. The Contractor/Offeror must, at all times during the performance of the Contract/Standing Offer, hold a valid Designated Organization Screening (DOS), issued by the Canadian Industrial Security Directorate (CISD), **Public Works and Government Services Canada (PWGSC)**.
2. The Contractor/Offeror personnel requiring access to PROTECTED information, assets or sensitive work site(s) must EACH hold a valid RELIABILITY STATUS, granted or approved by CISD/**PWGSC**.
3. The Contractor/Offeror MUST NOT remove any PROTECTED information or assets from the identified work site(s), and the Contractor/Offeror must ensure that its personnel are made aware of and comply with this restriction.
4. Subcontracts which contain security requirements are NOT to be awarded without the prior written permission of CISD/**PWGSC**.
5. The Contractor/Offeror must comply with the provisions of the:
  - a) Security Requirements Check List and security guide, attached at Annex C
  - b) Industrial Security Manual (Latest Edition).

### 6.2 Requirement

The Contractor must provide a simultaneous 2 axis numerically controlled lathe in accordance with the Requirement at Annex "A".

### 6.3 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.

#### 6.3.1 General Conditions

2010A (2018-06-21), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

### 6.3.2 Supplemental General Conditions

4001 (2015-04-01) [Hardware Purchase, Lease and Maintenance](#), apply to and form part of the Contract.

4003 (2010-08-16) [Licensed Software](#), apply to and form part of the Contract.

4004 (2013-04-25) [Maintenance and Support Services for Licensed Software](#), apply to and form part of the Contract.

## 6.4 Term of Contract

### 6.4.1 Period of the Contract

The period of the Contract is from date of Contract to the end of warranty inclusive.

### 6.4.2 Delivery Date

All the deliverables must be received on or before twelve (12) weeks after Contract award.

### 6.4.3 Start-up date

Start-up must be completed at the latest six (6) months after delivery date.

### 6.4.4 Training date

The training must be provided at the latest two (2) weeks after start-up.

## 6.5 Authorities

### 6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name : Sonia Beauchesne  
Title : Intern officer  
Public Works and Government Services Canada  
Acquisitions Branch  
601-1550, avenue d'Estimauville  
Québec, (Québec), G1J 0C7

Telephone : 418-649-2702  
Facsimile : 418-648-2209  
E-mail address: [sonia.beauchesne@tpsgc-pwgsc.gc.ca](mailto:sonia.beauchesne@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.

#### 6.5.2 Technical Authority

The Technical Authority for the Contract is:  
(to be completed by PWGSC at Contract Award)

Name : \_\_\_\_\_  
Title : \_\_\_\_\_  
Organization : \_\_\_\_\_  
Address: \_\_\_\_\_  
  
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.

#### 6.5.3 Contractor's Representative

The Contractor's Representative for the Contract is:

Name : \_\_\_\_\_  
Title : \_\_\_\_\_  
Address: \_\_\_\_\_  
  
Telephone : \_\_\_\_\_  
Facsimile : \_\_\_\_\_  
E-mail address : \_\_\_\_\_

### 6.6 Payment

#### 6.6.1 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 prices as specified in Annex B for a cost of

\$ \_\_\_\_\_ (to be completed by PWGSC at Contract Award). 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.

#### 6.6.2 Terms of payments – Milestone Payments – not subject to holdback

Canada will make milestone payments in accordance with the Schedule of Milestones detailed in the Contract and the payment provisions of the Contract if:

- a. an accurate and complete claim for payment using [PWGSC-TPSGC 1111](#), Claim for Progress Payment, and any other document required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- b. all the certificates appearing on form [PWGSC-TPSGC 1111](#) have been signed by the respective authorized representatives;
- c. all work associated with the milestone and as applicable any deliverable required has been completed and accepted by Canada.

The schedule of milestones for which payments will be made in accordance with the Contract is as follows:

First payment	<b>Delivery period</b> (delivery of numerically controlled lathe and all components at DRDC)	80% of total Contract value
Second payment	<b>Start-up and training</b> (start-up and delivery of training completed)	20% of total Contract value

#### 6.7 Invoicing Instructions

1. The Contractor must submit a claim for payment using form [PWGSC-TPSGC 1111](#), Claim for Progress Payment.

Each claim must show:

- a. all information required on form [PWGSC-TPSGC 1111](#);
  - b. all applicable information detailed under the section entitled "Invoice Submission" of the general conditions;
2. Applicable Taxes, must be calculated on the total amount of the claim before the holdback is applied. At the time the holdback is claimed, there will be no Applicable Taxes payable as it was claimed and payable under the previous claims for progress payments.

3. The Contractor must prepare and certify one original and two (2) copies of the claim on form [PWGSC-TPSGC 1111](#), and forward it to the Technical Authority identified under the section entitled "Authorities" of the Contract for appropriate certification after inspection and acceptance of the Work takes place.  
The TEchnical Authority will then forward the original and two (2) copies of the claim to the Contracting Authority for certification and onward submission to the Payment Office for the remaining certification and payment action.
4. The Contractor must not submit claims until all work identified in the claim is completed.

## 6.8 Certifications and Additional Information

### 6.8.1 Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Contractor in its bid or precedent to contract award, and the ongoing cooperation in providing additional information are conditions of the Contract and failure to comply will constitute the Contractor in default. Certifications are subject to verification by Canada during the entire period of the Contract.

## 6.9 Applicable Laws

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

## 6.10 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 supplemental general conditions 4001 (2015-04-01) [Hardware Purchase, Lease and Maintenance](#);
- c) the supplemental general conditions 4003 (2010-08-16) [Licensed Software](#);
- d) the supplemental general conditions 4004 (2013-04-25) [Maintenance and Support Services for Licensed Software](#);
- e) the general conditions [2010A](#) (2018-06-21), General Conditions - Goods (Medium Complexity);
- f) Annex A, Requirement;
- g) Annex B, Basis of payment
- h) Annex C, Security Requirements Check List;
- i) the Contractor's bid dated \_\_\_\_\_ (to be completed by PWGSC at Contract Award).

## 6.11 SACC Manual Clauses

[G1005C](#) (2016-01-28), No Specific Requirement

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## **6.12 Electrical equipment**

All electrical equipment supplied under the Contract must be certified or approved for use in accordance with the Canadian Electrical Code, Part 1, before delivery, by a certification organization accredited by the Standards Council of Canada.

## **6.13 Shipping Instructions - Delivery at destination**

Goods must be consigned to the destination specified in the Contract and delivered Delivered Duty Paid (DDP) at :

DRDC – Defence R&D Canada – Valcartier  
Bâtisse 53  
2469, route de la Bravoure  
Quebec, QC  
G3J 1X5  
Canada

Incoterms 2000 for shipments from a commercial contractor.

## ANNEX "A" - REQUIREMENT

### A1. TITLE

Simultaneous 2-axis numerically controlled lathe

### A2. CONTEXT

The Munitions Energetics Group of the Defense Research and Development System Canada - Valcartier Research Center, wishes to replace the lathe from building 74 which is used to machine energetic materials. The machine is obsolete and subject to constant repairs. To do this, we are looking for an existing replacement machine tool with similar characteristics of very high precision and machining capacity (size and weight).

### A3. ACRONYMS

DRDC	Defence Research and Development Canada
SOW	Statement of Work
TA	Technical Authority
AD	Applicable Document
RPM	Revolutions per minute
CNC	Computer numerical control
HP	Horse Power

### A4. TECHNICAL SPECIFICATIONS

#### A4.1 Simultaneous 2-axis numerically controlled lathe

Required quantity : 1

The Contractor must provide the item that meets the following specifications:

Summary: The replacement machine must not exceed the space already occupied by the machine in place. The machine must have the ability to machine a piece of at least 3 inches. The machine should have a Y axis and be able to receive live tools on all turret stations. The expected power and revolution will have to be 30hp and 4,000 rpm. Many other specifications are detailed below.

**The required technical specifications in the following table are first and foremost a minimum and constitute a non-exhaustive list. All technical specifications required for operation of the equipment that do not appear in the table below constitute an integral part of this SOW and their prices are included in the price of the lathe. Only available floor space must not be surplus. See points 9.1 and 9.2.**

A4.1 Equipment minimum performance requirements		
1	Machine capacity	
	1.1	Useful diameter of the part : minimum 18"
	1.2	Diameter over cross slide : minimum 10"
	1.3	Turning diameter : minimum 14"

<b>A4.1 Equipment minimum performance requirements</b>		
	1.4	Turning length : 28" minimum to 32" maximum
	1.5	Bar capacity : minimum 3" diameter
<b>2</b>	<b>Main motor capacity</b>	
	2.1	Minimum motor capacity : 10 HP
	2.2	Maximum spindle speed : 1500 RPM
	2.3	Motor torque : 100 lbf-ft at 350 RPM
<b>3</b>	<b>Tool Turret</b>	
	3.1	4-Station automatic tool turret
	3.2	External turning tool dimension: 3/4" minimum
	3.3	Internal turning tool dimension: 3/4" minimum
	3.4	Tap capacity : Up to 1/2" diameter minimum
<b>4</b>	<b>Travel, power and traverse rate</b>	
	4.1	"Z" axis travel: 28.0" minimum
	4.2	"X" axis travel : 7.0" minimum
	4.3	"X" axis motor power: 3000 lb minimum of thrust
	4.4	"Z" axis motor power : 1500 lb minimum of thrust
	4.5	"X" axis fast feed : 90 in/min. minimum
	4.6	"Z" axis fast feed : 90 in/min. minimum
<b>5</b>	<b>Accuracy</b>	
	5.1	"X" axis minimum accuracy : .001"/4" bidirectional
	5.2	"Z" axis minimum accuracy : .001"/12" bidirectional
	5.3	"X" axis minimum repeatability : .001" bidirectional
	5.4	"Z" axis minimum repeatability: .001" bidirectional
<b>6</b>	<b>Tailstock</b>	
	6.1	Manual tailstock

<b>A4.1 Equipment minimum performance requirements</b>		
	6.2	Tailstock cone dimension : Morse Taper #4 (MT4) minimum
<b>7</b>	<b>Dimensions</b>	
	7.1	Maximum floor space (length x width x height), including all machine components: 120" X 64" X 80" (Limited space)
	7.2	For installation, external dimensions of the machine must allow the passage in a corridor 60 " width. (mandatory)
<b>8</b>	<b>Machine construction</b>	
	8.1	The body must be made of high-quality materials offering excellent stability, with no welded or bolted shims.
	8.2	Protective enclosure for liquids and chips with sliding door(s) and window(s) enabling a clear view of operations.
	8.3	Integrated light

#### **A4.2 Remote control box**

The Contractor must provide for Item A4.1 the following remote control box:

<b>A4.2 Equipment minimum performance requirements</b>		
<b>9</b>	<b>Remote control box</b>	
	9.1	Wired remote control box allowing performing at least functions listed in point 7.2 at 50 ft. of distance minimum.
	9.2	Cycle start, feed hold, emergency stop, real time display of "X" and "Z" axis position.
<b>10</b>	<b>Basic characteristics of the conversational simultaneous 2-axis controller</b>	
	10.1	8" LCD colour display minimum
	10.2	Fully EIA/ISO compatible (G code)
	10.3	The controls shall be able to control 2 simultaneous axes
	10.4	Memory capacity : 500 Mb minimum
	10.5	Program editing in the Imperial system (inches) or in the International System of Units (mm)
	10.6	1 USB port minimum
	10.7	Memory backup battery

#### **A4.2 Equipment minimum performance requirements**

10.8	Graphic tool path trajectory visualization
10.9	Dry Run or Test Mode
10.10	"DNC" communication
10.11	Operating languages: English mandatory
10.12	Percentage spindle speed and feed rate control buttons
10.13	Ability to detect programming errors before machining.
10.14	Number of tool offset: 4 minimum
10.15	Quantity of recordable tools: 4 minimum
10.16	Synchronized rigid tapping
10.17	Tools compensation for position, radius, shape and wear.

#### **A4.3 Training, installation and start-up**

The Contractor must provide for item A4.1 the following training, installation and start-up:

#### **A4.3 Equipment minimum performance requirements**

<b>11</b>	<b>Training, installation and start-up</b>
11.1	With delivery of the equipment, the manuals for programming, operation, maintenance, tools, spare parts, electrical circuits and parameter configuration as well as the inspection form must be supplied in French or in English, depending on availability.
11.2	The machine must be connected to the electrical sector of DRDC Valcartier: 600 volts, 3 phases. If an electrical device (e.g. transformer) is required to connect the machine to the electrical sector available at DRDC Valcartier, the Contractor is responsible for supplying it.
11.3	The successful supplier must provide the necessary installation parts and make start up <b><u>at the latest six (6) months</u></b> after the delivery of the machine and of the machine being placed on the floor (installation).
11.4	A three (3) days of training, 7.5 hours a day, shall be provided to two technicians on site at DRDC Valcartier Research Centre, in French (mandatory), covering machine use and maintenance. Time taken for the start-up of the machine shall not be counted as training time. The training shall be coordinated with the DRDC Valcartier Centre Technical Authority so that the training is held at <b><u>the latest two (2) weeks after start-up.</u></b>

#### A4.4 Warranty and technical service

The Contractor must provide for Item A4.1 the following warranty and technical service:

A4.4 Equipment minimum performance requirements		
12	<b>Warranty</b>	
	12.1	A complete warranty for parts and labor for a period of 1 year must be included and must begin after the start-up of the equipment.
	12.2	The machine and all equipment must be certified and approved, in all its components and assembly, for use in Canada.
13	<b>Technical service</b>	
	13.1	The technical service must be provided by a team having expertise in the maintenance and repair of similar equipment and must express themselves in French preferably or in English. The technician must have all the necessary security documents to access DRDC Valcartier.
	13.2	The technical service team must be able to answer service calls within 48 hours. Repairs and maintenance must be done on site by qualified technicians.

#### A4.5 Basic tools

The Contractor must provide for Item A4.1 the following basic tools:

A4.5 Equipment minimum performance requirements		
14	<b>Basic tools to be supplied</b>	
	The list below is mandatory. Depending on the machine selected, the part numbers of the tools may vary but they must be of the same type. For a better understanding, this list is in English only. Equivalencies may be acceptable after evaluation.	
	14.1	1.0" ID Boring Bar Holder for tool turret
	14.2	10" Manual 3-Jaw Scroll Chuck;, hard top reversible jaws, 2500 RPM max. Rating 3.0" through bore
		Quantity : 1
		Quantity : 1

#### A5 DELIVERY

The Contractor must provide delivery by a transportation service with a trailer that has air suspension.

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**A6      SECURITY**

There is a need for security, see the Security Requirements Check List (SRCL) for details. The Contractor will not have access to PROTECTED and / or CLASSIFIED information or assets. When on the DRDC site, the contractor will be escorted at all times. The Contractor must agree to complete the security documents required to obtain a Designated Organization Checking Certificate (DOC) and submit them to PWGSC upon contract award.

## ANNEX "B" - BASIS OF PAYMENT

### Pricing

- a) Before submitting prices, please refer to clause **6.6 Payment**.
- b) Please indicate the brand name and model offered and complete the last column of the following table:




Item	Description	Quantity	Firm price
1	Simultaneous 2-axis numerically controlled lathe as described in <b>Annex A, section A4.1</b> including the remote control box as described in <b>Annex A section A4.2</b> and the basic tools as described in <b>Annex A section A4.5</b> .  <b>Brand Name Offered:</b> _____  <b>Model Offered:</b> _____	1	\$
2	Delivery as per clause <b>6.12 Shipping instructions – Delivery at Destination</b> .	1	\$
3	Installation (machine being placed on the floor at destination)	1	\$
4	Start-up	1	\$
5	Training as described in <b>Annex A section A4.3 description 11.4</b>	1	\$
<b>Total bid evaluation price =</b>			<b>\$</b>

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## ANNEX "C" - SECURITY REQUIREMENTS CHECK LIST

 <b>Gouvernement du Canada</b>		 <b>Gouvernement du Canada</b>		<b>W7701-196956/A</b> Security Classification / Classification de sécurité Non classifié	
<b>SECURITY REQUIREMENTS CHECK LIST (SRCL)</b> <b>LISTE DE VÉRIFICATION DES EXIGENCES RELATIVES À LA SÉCURITÉ (LVERS)</b>					
<b>PARTIAL CONTRACT / NEGOTIATION / DISADVANTAGE / INFORMATION / INFORMATION / INFORMATION</b>					
1. Originating Government Department or Organization / Ministère ou organisme gouvernemental d'origine DND			2. Branch or Directorate / Direction générale ou Direction DRDC		
3. a) Subcontract Number / Numéro du contrat de sous-traitance W7701-			3. b) Name and Address of Subcontractor / Nom et adresse du sous-traitant		
4. Brief Description of Work / Brève description du travail TOUR A COMMANDE NUMÉRIQUE A 2 AXES SIMULTANÉES					
5. a) Will the supplier require access to Controlled Goods? Le fournisseur aura-t-il accès à des marchandises contrôlées? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes					
5. b) Will the supplier require access to unclassified military technical data subject to the provisions of the Technical Data Control Regulations? Le fournisseur aura-t-il accès à des données techniques militaires non classifiées qui sont assujetties aux dispositions du Règlement sur le contrôle des données techniques? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes					
6. Indicate the type of access required / Indiquer le type d'accès requis					
6. a) Will the supplier and its employees require access to PROTECTED and/or CLASSIFIED information or assets? (Specify the level of access using the chart in Question 7. c) (Préciser le niveau d'accès en utilisant le tableau qui se trouve à la question 7. c) <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes					
6. b) Will the supplier and its employees (e.g. cleaners, maintenance personnel) require access to restricted access areas? No access to PROTECTED and/or CLASSIFIED information or assets is permitted. Le fournisseur et ses employés (p. ex. nettoyeurs, personnel d'entretien) auront-ils accès à des zones d'accès restreintes? L'accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS n'est pas autorisé. <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes					
6. c) Is this a commercial courier or delivery requirement with no overnight storage? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes					
7. a) Indicate the type of information that the supplier will be required to access / Indiquer le type d'information auquel le fournisseur devra avoir accès					
Canada		NATO / OTAN		Foreign / Étranger	
7. b) Release restrictions / Restrictions relatives à la diffusion		NATO countries / les pays de l'OTAN		No release restrictions / Aucune restriction relative à la diffusion	
No release restrictions / Aucune restriction relative à la diffusion					
Not releasable / À ne pas diffuser					
Restricted to: / Limité à: Specify country(ies) / Préciser le(s) pays:		Restricted to: / Limité à: Specify country(ies) / Préciser le(s) pays:		Restricted to: / Limité à: Specify country(ies) / Préciser le(s) pays:	
7. c) Level of information / Niveau d'information					
PROTECTED A / PROTÉGÉ A		NATO UNCLASSIFIED / NATO NON CLASSIFIÉ		PROTECTED A / PROTÉGÉ A	
PROTECTED B / PROTÉGÉ B		NATO RESTRICTED / NATO DIFFUSION RESTREINTE		PROTECTED B / PROTÉGÉ B	
PROTECTED C / PROTÉGÉ C		NATO CONFIDENTIAL / NATO CONFIDENTIEL		PROTECTED C / PROTÉGÉ C	
CONFIDENTIAL / CONFIDENTIEL		NATO SECRET / NATO SECRET		CONFIDENTIAL / CONFIDENTIEL	
SECRET		COSMIC TOP SECRET / COSMIC TRÈS SECRET		SECRET	
TOP SECRET				TOP SECRET	
TRÈS SECRET				TRÈS SECRET	
TOP SECRET (SIGINT)				TOP SECRET (SIGINT)	
TRÈS SECRET (SIGINT)				TRÈS SECRET (SIGINT)	
TBS/ICT 350-103(2004/12)					
Security Classification / Classification de sécurité					
					

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Non classifié

8. Will the supplier require access to PROTECTED and/or CLASSIFIED COMSEC information or assets?  
Le fournisseur aura-t-il accès à des renseignements ou à des biens COMSEC désignés PROTÉGÉS et/ou CLASSIFIÉS?  
If Yes, indicate the level of sensitivity:  
Dans l'affirmative, indiquer le niveau de sensibilité

9. Will the supplier require access to extremely sensitive INFOSEC information or assets?  
Le fournisseur aura-t-il accès à des renseignements ou à des biens INFOSEC de nature extrêmement délicate?

Short Title(s) of material / Titre(s) abrégé(s) du matériel  
Document Number / Numéro du document

0 a) Personnel security screening level required / Niveau de contrôle de la sécurité du personnel requis

<input checked="" type="checkbox"/> RELIABILITY STATUS COTE DE FIABILITÉ	<input type="checkbox"/> CONFIDENTIAL CONFIDENTIEL	<input type="checkbox"/> SECRET SECRET	<input type="checkbox"/> TOP SECRET TRÈS SECRET
<input type="checkbox"/> TOP SECRET-SIGINT TRÈS SECRET - SIGINT	<input type="checkbox"/> NATO CONFIDENTIAL NATO CONFIDENTIEL	<input type="checkbox"/> NATO SECRET NATO SECRET	<input type="checkbox"/> COSMIC TOP SECRET COSMIC TRÈS SECRET
<input type="checkbox"/> SITE ACCESS ACCÈS AUX EMPLACEMENTS			

Special comments:  
Commentaires spéciaux :

NOTE: If multiple levels of screening are identified, a Security Classification Guide must be provided.  
REMARQUE: Si plusieurs niveaux de contrôle de sécurité sont requis, un guide de classification de la sécurité doit être fourni.

10. b) May unscrubbed personnel be used for portions of the work?  
Du personnel sans autorisation sécuritaire peut-il se voir confier des parties du travail?  
If Yes, will unscrubbed personnel be escorted?  
Dans l'affirmative, le personnel en question sera-t-il escorté?

INFORMATION / ASSETS / RENSEIGNEMENTS / BIENS

11. a) Will the supplier be required to receive and store PROTECTED and/or CLASSIFIED information or assets on its site or premises?  
Le fournisseur sera-t-il tenu de recevoir et d'entreposer sur place des renseignements ou des biens PROTÉGÉS et/ou CLASSIFIÉS?

11. b) Will the supplier be required to safeguard COMSEC information or assets?  
Le fournisseur sera-t-il tenu de protéger des renseignements ou des biens COMSEC?

PRODUCTION

11. c) Will the production (manufacture, and/or repair and/or modification) of PROTECTED and/or CLASSIFIED material or equipment occur at the supplier's site or premises?  
Les installations du fournisseur serviront-elles à la production (fabrication et/ou réparation et/ou modification) de matériel PROTÉGÉ et/ou CLASSIFIÉ?

INFORMATION TECHNOLOGY (IT) MEDIA / SUPPORT RELATIF À LA TECHNOLOGIE DE L'INFORMATION (TI)

11. d) Will the supplier be required to use its IT systems to electronically process, produce or store PROTECTED and/or CLASSIFIED information or data?  
Le fournisseur sera-t-il tenu d'utiliser ses propres systèmes informatiques pour traiter, produire ou stocker électroniquement des renseignements ou des données PROTÉGÉS et/ou CLASSIFIÉS?

11. e) Will there be an electronic link between the supplier's IT systems and the government department or agency?  
Disposera-t-on d'un lien électronique entre le système informatique du fournisseur et celui du ministère ou de l'agence gouvernementale?

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#### ATTACHEMENT 1 - CHECK LIST

Below is a checklist of the contents of your proposal. This list is not an exhaustive list; it remains the Contractor's responsibility to prepare its proposal in accordance with the instructions contained in the Request For Proposal (RFP) and provide a comprehensible and sufficiently detailed proposal, including all requested pricing details that will permit a complete evaluation in accordance with the criteria set out in the RFP.

Page 1	Contractors should include with their proposal, <b>the first sheet</b> of this RFP properly completed and signed. Refer to 2003 Standard Instructions mentioned in clause <b>2.1 Standard Instructions, Clauses and Conditions</b> .
Page 5	Contractors must submit their proposal only to the address indicated in clause <b>2.2 Submission of Offers</b> by facsimile, mail or <b><u>ePost connection</u></b> ..
Pages 9-10	Contractors must pay attention on how proposal will be evaluated and the winning proposal selected. Refer to <b>Part 4 - Evaluation Procedures and Basis of Selection</b> .
Page 11	<b><u>Applicable only if an offence has been committed</u></b> Contractors must provide with their offer the required documentation as indicated Clause <b>5.1.1 Integrity Provisions - Declaration of Convicted Offences</b> .
Page 11	Contractors must provide with their offer or promptly thereafter a <b>list of names</b> as indicated in clause <b>5.2.1 Integrity Provisions - Required Documentation</b> . <ul style="list-style-type: none"><li>• Please refer to section "<b>17. Information to be provided when bidding, contracting or entering into a real property agreement</b>" of the following Web site: <a href="http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html">http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html</a></li></ul>
Page 15	Contractors should submit with their proposal, clause <b>6.5.3 Offeror's Representatives</b> properly completed.
Annex B	Contractors must include with their proposal, <b>Annex B - Basis of Payment</b> duly completed.