



**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 0B2 / Noyau 0B2  
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**

**Vendor/Firm Name and Address**  
**Raison sociale et adresse du**  
**fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**  
Electrical & Electronics Products Division  
L'Esplanade Laurier  
East Tower, 4th floor,  
Ottawa  
Ontario  
K1A 0S5

<b>Title - Sujet</b> CNC Milling Machine CNC Milling Machine	
<b>Solicitation No. - N° de l'invitation</b> 23240-210542/A	<b>Date</b> 2020-11-16
<b>Client Reference No. - N° de référence du client</b> 23240-210542	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$HN-331-79314	
<b>File No. - N° de dossier</b> hn331.23240-210542	<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> Eastern Standard Time EST <b>on - le 2020-12-29</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 checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Turner, Louie	<b>Buyer Id - Id de l'acheteur</b> hn331
<b>Telephone No. - N° de téléphone</b> (613) 297-3769 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>  Specified Herein Précisé dans les présentes	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Delivery Required - Livraison exigée</b> 2021/03/01	<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>



Destination Code - Code destinataire	Destination Address - Adresse de la destination	Invoice Code - Code bur.-comptable	Invoice Address - Adresse de facturation
D - I	1 Haanel Drive, Bldg 4A Ottawa, Ontario K1A 1M1	I - I	NRCan.invoice_imaging-service_dimagerie_des_f actures.RNCan@canada.ca



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Unit Price/Prix unitaire FOB/FAM		Delivery Req. Livraison Req.	Del. Offered Liv. offerte
						Destination	Plant/Usine		
1	CNC Milling Machine Supply and installation of CNC Milling Machine. The requirement includes delivery, installation, setup, training and all other associated requirements as per Specifications and Requirements in Annex A	D - 1	I - 1	1	lot	\$	XXXXXXXXXX	2021/03/01	

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23240-210542/A  
Client Ref. No. - N° de réf. du client  
23240-210542

Amd. No. - N° de la modif.  
File No. - N° du dossier  
hn331.23240-210542

Buyer ID - Id de l'acheteur  
hn331  
CCC No./N° CCC - FMS No./N° VME

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Attachments:

Annex A – Statement of Work

Annex B – Technical Evaluation

**Given that many people are currently working from home and in an effort to reduce the spread of the coronavirus disease (COVID-19) within communities, bidders are highly encouraged to transmit their bid electronically using the e-post Connect service. Information on the e-post Connect service can be found in Part 2 entitled Bidder Instructions, and Part 3 entitled Bid Preparation Instructions, of the bid solicitation.**

## **PART 1 - GENERAL INFORMATION**

### **1.1 Security Requirements**

There is no security requirement associated with the requirement. The following requirement applies:

"Contractor personnel MAY NOT ENTER NOR PERFORM WORK ON sites where PROTECTED or CLASSIFIED information or assets are kept, without an escort provided by the department or agency for which the work is being performed".

### **1.2 Requirement**

The contractor must provide the goods and services in accordance with the technical requirements and in the quantities stated herein at Annex A as referenced to in the line item detail section.

#### **1.2.1 Delivery Requirement - Mandatory**

Delivery is mandatory and required to be completed by March 31, 2021. If the contractor does not deliver the requirement by March 31, 2021, the Contract will be cancelled and delivery will not be accepted after the March 31, 2021 deadline. No cancellation charges will be accepted from the resulting cancellation of the contract if the contractor cannot meet the mandatory delivery date.

### **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 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.

## 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](#) (2020-05-28) 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: 60 days

Insert: 90 days

#### 2.1.1 SACC Manual Clauses

SACC Reference	Section	Date
<a href="#">B1000T</a>	Condition of Material	2014-06-26

### 2.2 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 in the bid solicitation.

Note: For bidders choosing to submit using epost Connect for bids closing at the Bid Receiving Unit in the National Capital Region (NCR) the email address is:  
[tpsgc.dgareceptiondessoumissions-abbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca](mailto:tpsgc.dgareceptiondessoumissions-abbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca)

Note: Bids will not be accepted if emailed directly to this email address. This email address is to be used to open an epost Connect conversation, as detailed in Standard Instructions [2003](#), or to send bids through an epost Connect message if the bidder is using its own licensing agreement for epost Connect.

## 2.3 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 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.

## 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 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.

## 2.5 Bid Challenge and Recourse Mechanisms

(a) Several mechanisms are available to potential suppliers to challenge aspects of the procurement process up to and including contract award.

(b) Canada encourages suppliers to first bring their concerns to the attention of the Contracting Authority. Canada's Buy and Sell website, under the heading "Bid Challenge and Recourse Mechanisms" contains information on potential complaint bodies such as:

- Office of the Procurement Ombudsman (OPO)
- Canadian International Trade Tribunal (CITT)

(c) Suppliers should note that there are **strict deadlines** for filing complaints, and the time periods vary depending on the complaint body in question. Suppliers should therefore act quickly when they want to challenge any aspect of the procurement process.



## 2.6 Mandatory Site Visit

It is mandatory that the Bidder or a representative of the Bidder visit the work site.

Bidders must perform a mandatory onsite inspection to ensure delivery and installation is possible due to space restrictions of transporting machine from loading dock to the shop and in the shop. An appointment time will be required for each bidder due to the Covid-19 protocol. This site visit is strictly for the logistics requirement and no other questions will be entertained at this appointment.

Arrangements have been made for the following:

November 26, 2020 (exact time to be made by appointment)  
Location: 1 Haanel Drive, Nepean, Ontario,  
Meet at Guard house at entrance

Bidders will be required to sign an attendance form at the required site visit. Bidders should confirm in their bids that they have attended the site visit. Bidders who do not attend or send a representative to the site visit will not be given an alternative appointment and their bids will be rejected as non-compliant.

The onus is on the bidders to arrive at the site visit appointment time in a timely manner. Bidders arriving late may not be permitted to attend the site visit. The Bidder must have at least one attendee at the site visit.

To apply for the site visit, contact the Contracting Authority: [louie.turner@pwgsc-tpsgc.gc.ca](mailto:louie.turner@pwgsc-tpsgc.gc.ca)

**The site visit request must be submitted no later than November 25, 2020, 2:00 pm**

Bidders **must** clearly identify the name of the participant(s), the name of the company they represent, telephone number and e-mail address.

Bidders are advised that any clarifications or changes resulting from the site visit shall be included as an amendment to the bid solicitation document.

## 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. The epost Connect system has a limit of 1GB per single message posted and a limit of 20GB per conversation.

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 (2 hard copies and 1 soft copy on CD or USB key)
    - Section II: Financial Bid (1 hard copy and 1 soft copy on CD or USB key)
    - Section III: Certifications (1 hard copy and 1 soft copy on CD or USB key)

If there is a discrepancy between the wording of the soft copy on electronic media and the hard copy, the wording of the hard copy will have priority over the wording of the soft 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.

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:

- 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.

The bidder must provide their Covid-19 policy in the bid package.

### **3.1.1 Equivalent Products**

1. Products that are equivalent in form, fit, function and quality to the item(s) specified in the bid solicitation will be considered where the Bidder designates the brand name and model and/or part number and manufacturer of the substitute product;
2. Products offered as equivalent in form, fit, function and quality will not be considered if:
  - (a) the bid fails to provide all the information requested to allow the Contracting Authority to fully evaluate the equivalency of each substitute product; or
  - (b) the substitute product fails to meet or exceed the mandatory performance criteria specified in the bid solicitation for that item.
3. In conducting its evaluation of the bids, Canada may, but will have no obligation to, request bidders offering a substitute product to provide technical information demonstrating the equivalency (e.g. Drawing, specifications, engineering reports and/or test reports), or to demonstrate that the substitute product is equivalent to the item specified in the bid solicitation, at the sole cost of bidders, within two (2) business days of the request. If the bidder fails to provide the requested information within the specified delay, Canada may declare the bid non-responsive.

## **Section II: Financial Bid**

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

### **3.1.2 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.

### 3.1.3 Electronic Payment of Invoices – Bid

If you are willing to accept payment of invoices by Electronic Payment Instruments, identify which ones are accepted.

- ☐ VISA Acquisition Card;
- ☐ MasterCard Acquisition Card;
- ☐ Direct Deposit (Domestic and International);
- ☐ Electronic Data Interchange (EDI);
- ☐ Wire Transfer (International Only);
- ☐ Large Value Transfer System (LVTS) (Over \$25M)

If none are chosen, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices. Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

### Section III: Certifications

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

#### 3.1.4 Delivery Offered

While delivery is a requested mandatory date as indicated above, the best delivery that could be offered is \_\_\_\_\_.

#### 3.1.5 Contractor Representatives

Name and telephone number of the person responsible for:

##### General enquiries

Name: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
E-mail: \_\_\_\_\_

##### Delivery follow-up

Name: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
E-mail: \_\_\_\_\_

## **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**

##### **4.1.1.1 Mandatory Technical Criteria**

The following Mandatory requirements must be submitted with the bid for evaluation:

- Technical compliance (description/specifications in Annex A)
- Mandatory Specifications as identified in Annex A
- Mandatory technical evaluation as per Annex B

#### **4.1.2 Financial Evaluation**

The following Mandatory factors will be taken into consideration in the evaluation of each offer: \* Compliance with Pricing Basis;

The Offer price will be determined by processing items at Annex A identified in the line item detail section as follows:

- a. Sum of all items total price (unit price x qty.)

##### **4.1.2.1 Pricing Basis**

The bidder must quote firm lot prices in Canadian dollars, DDP Delivered Duty Paid (destination), Applicable Taxes extra, as applicable. Freight charges to destination and all applicable Custom duties and Excise taxes must be included.

### **4.2. Basis of Selection**

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

## **PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION**

Bidders must provide the required certifications and additional information to be awarded a contract.

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 section titled Information to be provided when bidding, contracting or entering into a real property agreement of the [Ineligibility and Suspension Policy](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html) (<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 General Environmental Criteria Certification

The Bidder must select and complete one of the following two certification statements.

- a) The Bidder certifies that the Bidder is registered or meets ISO 14001.

\_\_\_\_\_  
Bidders' Authorized Representative Signature

\_\_\_\_\_  
Date

or

- b) The Bidder certifies that the Bidder meets and will continue to meet throughout the duration of the contract, a minimum of four (4) out of six (6) criteria identified in the table below.

Green Practices within the Bidders' organization	Insert a checkmark for each criterion that is met
Promotes a paperless environment through directives, procedures and/or programs	
All documents are printed double sided and in black and white for day to day business activity unless otherwise specified by your client	
Paper used for day to day business activity has a minimum of 30% recycled content and has a sustainable forestry management certification	
Utilizes environmentally preferable inks and purchase remanufactured ink cartridges or ink cartridges that can be returned to the manufacturer for reuse and recycling for day to day business activity.	
Recycling bins for paper, newsprint, plastic and aluminum containers available and emptied regularly in accordance with local recycling program.	
A minimum of 50% of office equipment has an energy efficient certification.	

\_\_\_\_\_  
Bidders' Authorized Representative Signature

\_\_\_\_\_  
Date

### **5.2.3 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#>).

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



## PART 6 - RESULTING CONTRACT CLAUSES

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

### 6.1 Security Requirements

**6.1.1** There is no security requirement applicable to the Contract.

The following requirement applies:

"Contractor personnel MAY NOT ENTER NOR PERFORM WORK ON sites where PROTECTED or CLASSIFIED information or assets are kept, without an escort provided by the department or agency for which the work is being performed".

### 6.2 Requirement

The contractor must provide the goods and services in accordance with the technical requirements and in the quantities stated herein at Annex A as identified in the line item detail section.

#### 6.2.1 SACC Manual Clauses

SACC Reference	Section	Date
<u>B1501C</u>	Electrical Equipment	2018-06-21
<u>B7500C</u>	Excess Goods	2006-06-16

### 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.

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### **6.3.1 General Conditions**

2010A (2020-05-28), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract

and

2010C (2018-06-21), General Conditions - Services (Medium Complexity) sections 2010C 16 and 2010C 17 apply to and form part of the Contract.

### **6.3.2 Warranty**

Section 09 of general conditions 2010A is amended to include Warranty notes in Annex A

All other provisions of the warranty section remain in effect.

## **6.4. Term of Contract**

### **6.4.1 Delivery Date - Mandatory**

All the deliverables must be received on or before \_\_\_\_\_ **OR** Delivery as offered and as accepted will be inserted at contract award.

If the contractor does not deliver the requirement by March 31, 2021, the Contract will be cancelled and delivery will not be accepted after the March 31, 2021 deadline. No cancellation charges will be accepted from the resulting cancellation of the contract if the contractor cannot meet the mandatory delivery date.

## **6.5 Authorities**

### **6.5.1 Contracting Authority**

The Contracting Authority for the Contract is:

Louie Turner – Supply Specialist  
Public Works and Government Services Canada - Acquisitions Branch  
Logistics, Electrical, Fuel and Transportation Directorate - "HN" Division  
4th Floor East Tower, L'Esplanade Laurier Bldg,  
140 O'Connor St. Ottawa ON K1A 0R5  
Telephone: 613-2973769 E-mail address: louie.turner@pwgsc-tpsgc.gc.ca

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

### 6.5.2 Technical Authority

The Technical Authority for the Contract is:

Name: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
E-mail: \_\_\_\_\_

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.

### 6.5.3 Contractor's Representative

Name and telephone number of the person responsible for:

#### General enquiries

Name: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
E-mail: \_\_\_\_\_

#### Delivery follow-up

Name: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
E-mail: \_\_\_\_\_

## 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 firm lot price, as specified in the contract for a cost of \$ \_\_\_\_\_ (insert the amount 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 Limitation of Price

SACC Manual clause [C6000C](#) (2017-08-17) Limitation of Price

### 6.6.3 Single Payment or Multiple Payments

SACC Manual clause [H1000C](#) (2008-05-12) Single Payment

#### 6.6.4 Electronic Payment of Invoices – Contract

The Contractor accepts to be paid using any of the following Electronic Payment Instrument(s):

- a. Visa Acquisition Card;
- b. MasterCard Acquisition Card;
- c. Direct Deposit (Domestic and International);
- d. Electronic Data Interchange (EDI);
- e. Wire Transfer (International Only);
- f. Large Value Transfer System (LVTS) (Over \$25M)

#### 6.6.5 SACC Manual Clauses

SACC Reference	Section	Date
<u>G1005C</u>	Insurance	2016-01-28

#### 6.7 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) One copy must be emailed to the following address for certification and payment: NRCan.invoice\_imaging-service\_dimagerie\_des\_factures.RNCcan@canada.ca

PDF format only accepted

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

#### 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 \_\_\_\_\_ (*insert the name of the province or territory as specified by the Bidder in its bid, if applicable*).

## 6.10 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.

- (a) the Articles of Agreement;
- (b) the general conditions 2010A (2018-06-21), General Conditions - Goods (Medium Complexity), and 2010C (2018-06-21), General Conditions - Services (Medium Complexity) sections 2010C 16 and 2010C 17 apply to and form part of the Contract;
- (c) Annex A, Statement of Work;
- (d) the Contractor's bid dated \_\_\_\_\_, as clarified on \_\_\_\_\_ **or**, as amended on \_\_\_\_\_.

## 6.11 SACC Manual Clauses (Delivery)

SACC Reference	Section	Date
<u>D9002C</u>	Incomplete Assemblies	2007-11-30

### 6.11.1 Shipping Instructions - Delivery at Destination

Goods must be consigned to the destination specified in the Contract and Delivered Duty Paid –DDP– (in shop of Building 4A, 1 Haanel Drive, Nepean) Incoterms 2000 for shipments from a commercial contractor.

### 6.11.2 Shipping – Scheduling

The Contractor must deliver and install the goods in coordination with (To be inserted at contract award)

## Annex A - Specifications

### **MANDATORY SPECIFICATIONS: 3 AXIS CNC TOOLROOM MILLING MACHINE WITH 4<sup>TH</sup> AXIS CAPABILITY**

The research facilities at CanmetMining – Engineering Technical Services have a need for a 3 axis cnc machine tool with 4<sup>th</sup> axis capability. The machine must meet or exceed all of the listed criteria. Please review the mandatory specifications below and provide specific page numbers and supporting technical documentation to verify this.

### **3 AXIS CNC BED MILL TECHNICAL SPECIFICATIONS**

<i>SPECIFICATION</i>	<i>Mandatory</i> <b>M</b>	<i>Desirable</i> <b>D</b>	SUPPLIER DESCRIPTION OF COMPLIANT FEATURE OR SPECIFICATION INCLUDING REFERENCE MATERIAL
<b>MACHINE CAPACITY:</b>  X axis travel => 59" (1498.6mm) Y axis travel => 29" (736.6mm) Z axis travel => 26" (660.4mm)  Table size => 66"x23" (1676.4mm x 584.2mm)  Allowable table load => 3306.9lbs (1500kg)  T slot size .71" (18mm)	M M M  M  M  M		
<b>MACHINE SPINDLE:</b>  Spindle nose to table =<3.150" (80mm) => 29.921" (760mm)  Spindle taper = Cat 40 taper  Spindle speed => 8000 rpm  AC spindle motor =>11/15 kw	M M  M  M  M		

<b>AUTOMATIC TOOL CHANGER:</b>  ATC type = carousel  Number of tools => 20  Tool shank = CT 40  Pull stud = MAS 60 deg Retention Knob CT-flange 40 Taper  Max tool diameter => 3.5" (80mm) Max tool length => 4.724" (120mm) Max tool weight => 15 lbs (7kg)	M  M  M  M  M M M		
<b>CNC MOTION:</b>  XYZ rapid traverse rate => 24 m/min  XYZ max feed rate => 7.6 m/min  Positioning accuracy =< .01/300 mm  Repeatability =< +/-0.01 mm  Axis thrust force X/Y,Z => 3000/4000 lbs (1360/1800 kg)	M  M  M  M  M		
<b>GENERAL MACHINE REQUIREMENTS:</b>  Machine Height =< 101.96" (2590 mm)  Floor Space Required (W x D) =< ( 4500 x 4300 mm)  Machine Weight => 13889 lbs (6300kg)  Coolant flood system  Fluorescent lamps	M  M  M  M  	D	





<p><b>ELECTRICAL SPECIFICATION (S):</b></p> <p>575 V, 3 phases, 60 cycles on site, supplier must provide any transformer(s) required.</p> <p>Main feed and sub feed to the machine will be carried out by NRCan (Natural Resources Canada) electrical department. The supplier will be responsible for the Final Hook Up.</p> <p>Machine and control must be certified by an organization accredited by the Standards Council of Canada (SCC) to meet local electrical code.</p>	<p>M</p> <p>M</p> <p>M</p>		
<p><b>WARRANTY:</b></p> <p>One year parts and labor on machine, power supply, control and coolant supply unit.</p> <p>Supplier will provide technical support and service during normal working hours for the duration of the warranty period.</p> <p>Warranty will begin on the day that the machine and control are installed (fully operational)</p> <p><i>Travel costs for all warranty service included in warranty.</i></p>	<p>M</p> <p>M</p> <p>M</p> <p>M</p>		
<p><b>MANUAL (S):</b></p> <p>Two sets of all Safety, Operating and Maintenance manuals are required.</p>	<p>M</p>		
<p><b>TRAINING:</b></p> <p>On site training for a min of two (2) days for a group of two (2) employees.</p>	<p>M</p>		

<b>DELIVERY / INSTALLATION:</b>			
Delivery before March 31, 2021.	M		
Upon delivery machine must be fully operational within 10 business days.	M		
Supplier is responsible for unloading and delivery of machine from loading dock to placement in shop site.	M		
The supplier will be responsible for complete installation, levelling, final electrical hook up. All inspection and testing including Electrical certification.	M		
Supplier will ensure machine (or partially disassemble) to pass through a 93" x 103" (2362mm x 2616mm) (l x w)	M		
Bidders must perform a mandatory onsite inspection to ensure delivery and installation is possible due to space restrictions of transporting machine from loading dock to the shop and in the shop. (Refer to note 2.6 in section 2 of solicitation)	M		

## Annex B - Technical Evaluation

### **MANDATORY SPECIFICATIONS: 3 AXIS CNC TOOLROOM MILLING MACHINE WITH 4<sup>TH</sup> AXIS CAPABILITY**

The research facilities at CanmetMining – Engineering Technical Services have a need for a 3 axis cnc machine tool with 4<sup>th</sup> axis capability. The machine must meet or exceed all of the listed criteria. Please review the mandatory specifications below and provide specific page numbers and supporting technical documentation to verify this.

### **3 AXIS CNC BED MILL TECHNICAL SPECIFICATIONS**

<i>SPECIFICATION</i>	<i>Mandatory</i> <i>M</i>	<i>Desirable</i> <i>D</i>	Pass/Fail
<b>MACHINE CAPACITY:</b>  X axis travel => 59" (1498.6mm) Y axis travel => 29" (736.6mm) Z axis travel => 26" (660.4mm)  Table size => 66"x23"(1676.4mm x 584.2mm)  Allowable table load => 3306.9lbs (1500kg)  T slot size .71" (18mm)	M M M  M  M  M		
<b>MACHINE SPINDLE:</b>  Spindle nose to table =<3.150" (80mm) => 29.921" (760mm)  Spindle taper = Cat 40 taper  Spindle speed => 8000 rpm  AC spindle motor =>11/15 kw	M M  M  M  M		

<b>AUTOMATIC TOOL CHANGER:</b>  ATC type = carousel  Number of tools => 20  Tool shank = CT 40  Pull stud = MAS 60 deg Retention Knob CT-flange 40 Taper  Max tool diameter => 3.5" (80mm) Max tool length => 4.724" (120mm) Max tool weight => 15 lbs (7kg)	M  M  M  M  M M M		
<b>CNC MOTION:</b>  XYZ rapid traverse rate => 24 m/min  XYZ max feed rate => 7.6 m/min  Positioning accuracy =< .01/300 mm  Repeatability =< +/-0.01 mm  Axis thrust force X/Y,Z => 3000/4000 lbs (1360/1800 kg)	M  M  M  M  M		
<b>GENERAL MACHINE REQUIREMENTS:</b>  Machine Height =< 101.96" (2590 mm)  Floor Space Required (W x D) =< ( 4500 x 4300 mm)  Machine Weight => 13889 lbs (6300kg)  Coolant flood system  Fluorescent lamps	M  M  M  M	D	

<p><b>GENERAL MACHINE REQUIREMENTS:</b> (CONT'D)</p> <p>3 colour lamp for cycle finish and alarm</p> <p>Meehanite or equivalent cast iron for machine construction</p> <p>Hardened and ground box ways where applicable</p> <p>High precision fully ground ball screws where applicable</p> <p>4<sup>th</sup> axis table, controller and tailstock complete.          -table dia =&gt; 250mm          -pilot bore =&gt; 55mm          -through hole =&gt; 30mm          -0° and 90° operation          -max part weight =&gt; 300kg (at 0°)             =&gt; 125kg (at 90°)</p>	<p>M</p> <p>M</p> <p>M</p>	<p>D</p> <p>D</p> <p>D</p> <p>D</p> <p>D</p> <p>D</p>	
<p><b>CNC CONTROLLER :</b></p> <p>Fanuc based controller or equivalent required</p> <p>Part storage =&gt; 1GB (preference is 2MB)</p> <p>Conversational part programming</p> <p>G code editor</p> <p>Mid program restart option</p> <p>LCD colour display =&gt; 10"</p> <p>Data transfer = USB ports and Ethernet connectivity</p> <p>Rigid tapping</p> <p>4<sup>th</sup> Axis capabilities</p>	<p>M</p> <p>M</p> <p>M</p> <p>M</p> <p>M</p> <p>M</p> <p>M</p> <p>M</p>		

<p><b>ELECTRICAL SPECIFICATION (S):</b></p> <p>575 V, 3 phases, 60 cycles on site, supplier must provide any transformer(s) required.</p> <p>Main feed and sub feed to the machine will be carried out by NRCan (Natural Resources Canada) electrical department. The supplier will be responsible for the Final Hook Up.</p> <p>Machine and control must be certified by an organization accredited by the Standards Council of Canada (SCC) to meet local electrical code.</p>	<p>M</p> <p>M</p> <p>M</p>		
<p><b>WARRANTY:</b></p> <p>One year parts and labor on machine, power supply, control and coolant supply unit.</p> <p>Supplier will provide technical support and service during normal working hours for the duration of the warranty period.</p> <p>Warranty will begin on the day that the machine and control are installed (fully operational)</p> <p><i>Travel costs for all warranty service included in warranty.</i></p>	<p>M</p> <p>M</p> <p>M</p> <p>M</p>		
<p><b>MANUAL (S):</b></p> <p>Two sets of all Safety, Operating and Maintenance manuals are required.</p>	<p>M</p>		
<p><b>TRAINING:</b></p> <p>On site training for a min of two (2) days for a group of two (2) employees.</p>	<p>M</p>		

<b>DELIVERY / INSTALLATION:</b>			
Delivery before March 31, 2021.	M		
Upon delivery machine must be fully operational within 10 business days.	M		
Supplier is responsible for unloading and delivery of machine from loading dock to placement in shop site.	M		
The supplier will be responsible for complete installation, levelling, final electrical hook up. All inspection and testing including Electrical certification.	M		
Supplier will ensure machine (or partially disassemble) to pass through a 93" x 103" (2362mm x 2616mm) (l x w)	M		
Bidders must perform a mandatory onsite inspection to ensure delivery and installation is possible due to space restrictions of transporting machine from loading dock to the shop and in the shop. (Refer to note 2.6 in section 2 of solicitation)	M		