

RETOURNER LES SOUMISSIONS
A:
RETURN BIDS TO:

Soft Copy / Copie électronique :

Attention: Trina Nurse Email: trina.nurse@rcmp-grc.gc.ca

REQUEST FOR PROPOSAL DEMANDE DE PROPOSITION

Proposal to: Royal Canadian Mounted Police

We hereby offer to sell to His Majesty the King 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 : Gendarmerie royale du Canada

Nous offrons par la présente de vendre à Sa Majesté le Roi du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux appendices ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments: - Commentaires :

THIS DOCUMENT CONTAINS A SECURITY REQUIREMENT

LE PRÉSENT DOCUMENT COMPORTE UNE EXIGENCE EN MATIÈRE DE SÉCURITÉ

Title – Sujet Compact Computer Numerical Control (CNC) Vertical Milling Center				Date April 1	12, 2024
Solicitatio 202404024	n No. – Nº de l'i //A	nvitation			
Client Ref	erence No No	. De Référenc	ce d	u Clien	t
Solicitatio	n Closes – L'in	vitation prend	d fin		
At /à :	14 :00			· ·	Eastern Daylight Time) heure avancée de l'Est)
On / le :	May 23, 2024				
Delivery - See herein présentes	Livraison — Voir aux	Taxes - Tax See herein - aux présente	- Vo	oir	Duty – Droits See herein — Voir aux présentes
	n of Goods and — Voir aux prés		Dest	ination	s des biens et services
Instruction See herein	1s — Voir aux prés	sentes			
Adresser t	nquiries to – coute demande <u>prcmp-grc.gc.ca</u>	de renseigne	mei	nts à	
Telephone No. – No. de téléphone Facsimile No. – No. de télécopieur					
Delivery Required – Livraison exigée See herein — Voir aux présentes					Offered – proposée
Vendor/Firm Name, Address and Representative – Raison sociale, adresse et représentant du fournisseur/de l'entrepreneur:					
Telephone No. – No. de téléphone Facsimile No. – No. 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	Signature		Da	te	



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PART 1 - GENERAL INFORMATION

NOTE: <u>Canada Buys</u> is the new official source for Government of Canada tender and award notices, and as a source for information, procurement policy and guidelines.

1.1 Security Requirements

- 1. Before award of a contract, the following conditions must be met:
 - the Bidder's proposed individuals requiring access to classified or protected information, assets or sensitive work site(s) must meet the security requirements as indicated in Part 6 – Resulting Contract Clauses;
 - (b) 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 <u>Contract Security Program</u> of Public Works and Government Services Canada (http://www.tpsgc-pwgsc.gc.ca/esc-src/introduction-eng.html) website. Please note, the above website is specific to PWGSC requirements and processes may differ from RCMP requirements.

1.2 Requirement

The requirement is detailed under Article 6.2 Requirement 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 Recourse Mechanisms

If you have any concerns relating to the procurement process, please refer to the <u>Bid</u> <u>Challenge and Recourse Mechanisms</u> page on the Buyandsell.gc.ca website. Please note that there are strict deadlines for filing complaints with the Canadian International Trade Tribunal (CITT) or the Office of the Procurement Ombudsman (OPO).





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https://buyandsell.gc.ca/for-businesses/selling-to-the-government-of-canada/bid-follow-up/bid-challenge-and-recourse-mechanisms

http://opo-boa.gc.ca/plaintesurvol-complaintoverview-eng.html

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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 <u>Standard Acquisition Clauses and Conditions Manual</u> (https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-andconditions-manual) issued by Public Works and Government Services Canada.

Revision to Departmental Name: As this solicitation is issued by the RCMP, any reference to Public Works and Government Services Canada or PWGSC or its Minister contained in any term, condition or clause of this solicitation, including any individual SACC clauses incorporated by reference, will be interpreted as reference to RCMP or its Minister.

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 <u>2003</u> (2023-06-08) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

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

Delete: sixty (60) days Insert: one hundred and eighty (180) days

2.2 Submission of Bids

Bids must be submitted only to the Royal Canadian Mounted Police (RCMP) Bid Receiving and must be received by the date, time and place indicated on page 1 of the bid solicitation.

Bids transmitted by facsimile to the RCMP will not be accepted. Bids delivered in hard copy to the RCMP will not be accepted.

NOTE: The RCMP has not been approved for bid submission by Canada Post Corporation (CPC) Connect service.

Bidders may submit more than one (1) bid per solicitation; however multiple bids must be submitted in separate bid packages. If any part of a Bidder's submission is common between multiple bids, that part of the submission must be submitted with each separate bid package.





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2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than **seven** (7) 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 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 the province of 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 Promotion of Direct Deposit

The following information is not related to the solicitation process:

An initiative within the Government of Canada called the Cheque Standardization Project has been established whereby eventually for all payments, cheque stubs will no longer be printed and, with few exceptions, will be processed via direct deposit. This option is only available when payment is made in Canadian dollars for deposit into a Canadian bank account. In an attempt to be proactive, RCMP Corporate Accounting is promoting the registration of RCMP suppliers for the upcoming change in the payment process.

If you are the successful Bidder on this or any other RCMP requirement, you are encouraged to register with the RCMP for direct deposit. Please contact RCMP Corporate Accounting by email to receive a form entitled *Recipient Electronic Payment Registration Request* along with instructions for completion of the form.





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Should you have any questions regarding the Cheque Standardization Project or if you want to register, please contact the following email: <u>corporate_accounting@rcmp-grc.gc.ca</u>

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PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

Canada requests that Bidders provide their bid in separate sections as follows:

Section I: Technical Bid (1 soft copy in PDF format)

Section II: Financial Bid (1 soft copy in PDF format)

Section III: Certifications (1 soft copy in PDF format)

Section IV: Additional Information (1 soft copy in PDF format)

Prices should appear in the financial bid only. No prices should be indicated in any other section of the bid.

Important Note:

For bids transmitted by email, Canada will not be responsible for any failure attributable to the transmission or receipt of the bid including, but not limited to, the following:

- a. receipt of garbled or incomplete bid;
- b. delay in transmission or receipt of the bid to the Contracting Authority's email inbox (the date & time on the email received by the Contracting Authority is considered the date & time of receipt of the bid submission);
- c. availability or condition of the receiving equipment;
- d. incompatibility between the sending and receiving equipment;
- e. failure of the Bidder to properly identify the bid;
- f. illegibility of the bid; or
- g. security of bid data.

A bid transmitted electronically constitutes the formal bid of the Bidder and must be submitted in accordance with Section 05 of <u>2003</u> (2023-06-08) Standard Instructions - Goods or Services - Competitive Requirements.

The RCMP has restrictions on incoming e-mail messages. The maximum e-mail message size including all file attachments must not exceed 5MB. Zip files or links to bid documents will not be accepted. Incoming e-mail messages exceeding the maximum file size and/or containing zip file attachments will be blocked from entering the RCMP e-mail system. A bid transmitted by e-mail that gets blocked by the RCMP e-mail system will be considered not received. It is the responsibility of the Bidder to ensure receipt.

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.





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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 <u>Policy on Green Procurement</u> (https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573). To assist Canada in reaching its objectives, Bidders should:

- Include all environmental certification(s) relevant to your organization (e.g. ISO 14001, Leadership in Energy and Environmental Design (LEED), Carbon Disclosure Project, etc.)
- Include all environmental certification(s) or Environmental Product Declaration(s) (EPD) specific to your product/service (e.g. Forest Stewardship Council (FSC), ENERGYSTAR, etc.)
- 3) Unless otherwise noted, Bidders are encouraged to submit bids electronically. If hard copies are required, 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

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

Section II: Financial Bid

Bidders must submit their financial bid in accordance with Annex B – Basis of Payment. The total amount of Applicable Taxes is excluded.

i. Exchange Rate Fluctuation

SACC Manual Clause C3011T (2013-11-06), Exchange Rate Fluctuation

Section III: Certifications

Bidders must submit the certifications required under Part 5.

Section IV: Additional Information

1. Bidders must submit the additional information required under Part 5.





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2. Bidder input is required to complete several sections under Part 6, Resulting Contract Clauses.

The information required in Part 6 should be submitted with the bid, but may be submitted afterwards. If information is missing from the bid, the Contracting Authority will inform the Bidder of a timeframe within which to provide the information. Failure to provide the information within the timeframe provided may render the bid non-responsive.

Refer to Part 6 of the solicitation.



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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.
- (c) The evaluation will be conducted in phases:
 - a. Phase I: Financial Evaluation (Article 4.1.1 of the solicitation)
 - b. Phase II: Mandatory Technical Evaluation (Article 4.1.2 of the solicitation)

4.1.1 Phase I: Financial Evaluation

The price of the bid will be evaluated in Canadian dollars, the Applicable Taxes excluded, Delivered Duty Paid (DDP) Destination (as identified in Annex B) Incoterms 2010, transportation costs and unloading at destination included, Canadian customs duties and excise taxes included.

Bids are requested in Canadian currency.

Bids submitted in foreign currency will be converted to Canadian currency for evaluation purposes. The rate given by the Bank of Canada in effect on the bid solicitation closing date will be applied as a conversion factor to the bids submitted in foreign currency.

4.1.2 Phase II: Mandatory Technical Evaluation

4.1.2.1 Preliminary Assessment

All submissions received by the original due date or the extension due date, if one is granted, will be subject to a preliminary assessment. The assessment will be conducted as follows:

a. Submission and completeness of the Mandatory Technical Criteria Documentation

Canada will examine the submission to determine if the Mandatory Technical Criteria documentation has been provided. If the documentation has been provided, Canada will review each document to determine whether it includes all the information required in its definition, if applicable. The submission and completeness of all documentation will be subject to this assessment. However, the evaluation of the documentation to determine if it meets the technical requirements will be done during the Technical Evaluation outlined in Part 4, Article 4.1.2.2.

If any Mandatory Technical Criteria is missing or incomplete, the Bidder will be notified in writing by the Contracting Authority. The Bidder must provide the missing or complete Mandatory Technical Criteria within 3 business days of the written notification from the Contracting Authority.





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If any missing Mandatory Technical Criteria is provided by the requested due date, but is then assessed to be incomplete, the Bidder must submit the complete Mandatory Technical Criteria within 3 business days of the written notification from the Contracting Authority.

Failure to submit the missing or complete Mandatory Technical Criteria by the requested due date will result in the bid being declared non-responsive.

4.1.2.2 Mandatory Technical Criteria

The Mandatory Technical Criteria will be evaluated against the requirements of the Evaluation Grid found at Attachment 1 to Part 4.

One or more deviations to any of the Mandatory Technical Criteria will result in the bid being declared non-responsive.

The requirement for the Mandatory Technical Criteria will not relieve the successful Bidder from strictly adhering to the technical requirement of this Request for Proposal and any resultant contract.

4.2 Basis of Selection

- 4.2.1 A bid must comply with the requirements of the bid solicitation and meet all mandatory technical criteria to be declared responsive.
- 4.2.2 The responsive bid with the lowest evaluated price will be recommended for award of a contract (1 contract only).



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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 may render the bid non-responsive or constitute a default under the Contract.

5.1 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. Unless otherwise stated, failure to provide the certifications or the additional information listed below within the time frame specified will render the bid non-responsive.

5.1.1 Integrity Provisions

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

- Declaration of Convicted Offences Integrity Declaration Form (as applicable)
- Required Documentation (List of names for integrity verification form)

Please see the <u>Forms for the Integrity Regime</u> website for further details (<u>http://www.tpsgc-pwgsc.gc.ca/ci-if/formulaires-forms-eng.html</u>).

5.1.2 Federal Contractor's Program for Employment Equity – Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)





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available from <u>Employment and Social Development Canada (ESDC) - Labour's</u> website.

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

5.1.3 Additional Certifications Precedent to Contract Award

5.1.3.1 Independent Bid Determination

The attached Certificate of Independent Bid Determination (Attachment 1 to Part 5) has been developed by the federal Competition Bureau for use by the Contacting Authority when calling for bids, tenders or quotations. The intention of this documentation is to deter bid-rigging by requiring Bidders to disclose, to the Contracting Authority, all material facts about any communications and arrangements which the Bidder has entered into with competitors regarding the call for tenders.



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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.

6.1 Security Requirement

The following security requirements apply to and form part of the Contract.

Refer to Annex C Security Requirements Check List (SRCL) and RCMP Security Guide.

6.2 Requirement

The Contractor must provide the Royal Canadian Mounted Police (RCMP) with a Compact Computer Numerical Control (CNC) Vertical Milling Center as detailed under Annex A.

For further details, please reference 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 <u>Standard Acquisition Clauses and Conditions Manual</u> (https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) issued by Public Works and Government Services Canada.

Revision to Departmental Name: As this contract is issued by Royal Canadian Mounted Police (RCMP), any reference to Public Works and Government Services Canada or PWGSC or its Minister contained in any term, condition or clause of this contract, including any individual SACC clauses incorporated by reference, will be interpreted as reference to RCMP or its Minister.

6.3.1 General Conditions

<u>2010A</u> (2022-12-01), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

6.3.2 Supplemental General Conditions

4009 (2022-12-01), Professional Services: Medium Complexity



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6.4 Term of Contract

6.4.1 Period of the Contract

The period of the contract is from date of contract award until the end of the warranty period, inclusive.

6.4.2 Delivery Date

All the deliverables must be received on or before three (3) months after the Contract Award Date.

Installation, delivery and training must be coordinated with the Technical Authority designated under Authorities.

6.4.3 Delivery Points

Delivery of the requirement will be made to delivery point(s) specified at Annex B of the Contract. The Contractor must contact the Technical Authority at least three (3) calendar days prior to the delivery date to coordinate delivery.

6.5 Shipping Instructions – Delivery at Destination

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

DDP Destination (as identified in Annex B) Incoterms 2010, transportation costs and unloading at destination included, for shipments from a commercial contractor.

6.6 Packaging

To be in accordance with standard commercial packaging to ensure safe arrival of goods at destination.

While respecting the above packaging requirements, the Contractor is encouraged, where applicable, to:

- Minimize packaging;
- Include recycled content in packaging;
- Re-use packaging;
- Reduce/eliminate toxics in packaging.

6.7 Marking

Proper shipping documents must accompany each shipment. Packing slips must include the contract number and item description.





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6.8 Authorities

6.8.1 Contracting Authority

The Contracting Authority for the Contract is:

Name:	Trina Nurse
Title:	Senior Procurement Officer
Organization:	Royal Canadian Mounted Police
Address:	73 Leikin Drive, Ottawa, Ontario K1A 0R2
Telephone:	(343) 596-3057
E-mail address:	Trina.Nurse@rcmp-grc.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.

6.8.2 Technical Authority (To be inserted at contract award)

The Technical Authority for the Contract is:

Name:	
Title:	
Organization:	· · · · · · · · · · · · · · · · · · ·
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.





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6.8.3 Contractor's Representative (To be completed by the Bidder)

General enquiries	Delivery follow-up
Name:	Name:
Telephone No.:	Telephone No.:
E-mail address:	E-mail address:

6.9 Payment

6.9.1 Basis of Payment – Firm Unit Price

Refer to Annex B.

6.9.2 Method of Payment – Multiple Payments

SACC Manual Clause H1001C (2008-05-12) Multiple Payments

6.10 Invoicing Instructions

- **6.10.1** 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.
- 6.10.2 Invoices must be distributed as follows:
 - a. One (1) copy marked original must be forwarded to the following address for certification and payment.

Email: ______ (to be inserted at contract award)

b. A copy of the invoice(s) must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

6.11 Certifications and Additional Information

6.11.1 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.





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Certifications are subject to verification by Canada during the entire period of the Contract.

6.12 Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in _____ (to be inserted at contract award).

6.13 **Priority of Documents**

If there is a discrepancy between any items that appear on the list, the item that first appears on the list has priority over any item that subsequently appears on the list.

- a. The Articles of Agreement;
- b. 2010A (2022-12-01) General Conditions Goods (Medium Complexity);
- c. <u>4009</u> (2022-12-01), Supplemental General Conditions, Professional Services: (Medium Complexity);
- d. Annex A, Statement of Requirement;
- e. Annex B, Basis of Payment;
- f. Annex C, Security Requirements Check List and Security Guide
- g. The Contractor's bid dated

6.14 Procurement Ombudsman

6.14.1 Dispute Resolution Services

The Parties agree to make every reasonable effort, in good faith, to settle amicably all disputes or claims relating to the Contract, through negotiations between the Parties' representatives authorized to settle. If the Parties do not reach a settlement within 25 working days after the dispute was initially raised to the other party in writing, either Party may contact the Office of the Procurement Ombudsman (OPO) to request dispute resolution/mediation services. OPO may be contacted by e-mail at boa.opo@boa-opo.gc.ca by telephone at 1-866-734-5169, or by web at www.opo-boa.gc.ca. For more information on OPO's services, please see the Procurement Ombudsman Regulations or visit the OPO website.

6.14.2 Contract Administration

The parties understand that the Procurement Ombudsman appointed pursuant to Subsection 22.1(1) of the *Department of Public Works and Government Services Act* will review a complaint filed by the complainant respecting administration of this contract if the requirements of Subsection 22.2(1) of the *Department of Public Works and Government Services Act* and Sections 15 and 16 of the *Procurement Ombudsman Regulations* have been met.





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To file a complaint, the Office of the Procurement Ombudsman may be contacted by e-mail at <u>boa.opo@boa-opo.gc.ca</u> by telephone at 1-866-734-5169, or by web at <u>www.opo-boa.gc.ca</u>.

6.15 Insurance

SACC Manual Clause <u>G1005C</u> (2016-01-28) Insurance – No Specific Requirement

6.16 Materials

The Contractor will be responsible for obtaining all materials required for the items specified.

6.17 Plant Closing (To be completed by the Bidder)

The Contractor's plant closing for winter and summer holidays are as follows. During this time there will be no shipments.

Summer Holiday	From:	То:
Winter Holiday	From:	To:

6.18 **Plant Location** (*To be completed by the Bidder*)

Items will be manufactured at: _____

6.19 Subcontractors (To be completed by the Bidder)

The following subcontractor(s) will be utilized in the performance of the contract. Name of Company:

Location:	
Nature of subcontracting work performed:	

6.20 SACC Manual Clauses

D0018C (2007-11-30) Delivery and Unloading B1501C (2018-06-21) Electrical Equipment



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ANNEX A STATEMENT OF REQUIREMENT

COMPACT COMPUTER NUMERICAL CONTROL (CNC) VERTICAL MILLING CENTER

1.0 Background

The Royal Canadian Mounted Police (RCMP), Depot Armourer Section has a requirement to procure one compact CNC Vertical Milling Center. This piece of equipment is required to assist in the firearm maintenance and repair activities conducted at this location.

Presently the Depot Armoury facility has a machine shop with limited space for large pieces of equipment, thus is seeking a machining tool having a limited size/footprint. The shop presently has older 30 taper milling machines and is presently seeking a similarly sized spindled machine with modern features.

The RCMP Armoury program tends to keep equipment over many years thus the long-term service life and sustainability of a product are important factors. Keeping staff trained or up to date on a familiar operating control/system is also important (equipment is not routinely traded or exchanged). For this reason, any equipment acquired must be well supported and have the ability to be maintained by the manufacturer or distributor in a timely manner and over the long term.

2.0 Compact Computer Numerical Control (CNC) Vertical Milling Center Specifications

The Contractor must provide the requirement with the following specifications:

2.1 Machine Specifications

2.1.1 Travels

2.1.1.1 Longitudinal Travel (X) Axis; Min. 490 mm 2.1.1.2 Cross Travel (Y) Axis; Min. 390 mm 2.1.1.3 Vertical (Z) Axis; Min. 320 mm

2.1.2 Table

2.1.2.1 Table Size: Min. 650 mm x 390 mm

2.1.3 Table Load

2.1.3.1 Table Load Capacity: Min. 399 Kg.

2.1.4 Spindle

- 2.1.4.1 Spindle Type: must be a Direct Drive cartridge style high torque Spindle
- 2.1.4.2 Spindle Taper: must be a No. BT30
- 2.1.4.3 Spindle Speed: Min. 24,000 rpm
- 2.1.4.4 Spindle Drive: Direct Drive with standard electrical orientation and spindle air blow

2.1.4.5 Spindle Motor: Min. 16.5 hp (12.5 kW) with a continuous rating of 5 hp (3.7 kW)

2.1.5 Accuracy

2.1.5.1 Positional Accuracy (X, Y/Z): Min. .005 mm over 304.8 mm (.0002"/ 12")

2.1.6 Power Supply

2.1.6.1 Input Power: AC200/220v 50/60 Hz





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2.1.7 Machine Size

2.1.7.1 Max. Floor Area (Incl.Maint. area for any Chip Conveyor): 2.6 m wide x 2.9 m deep Max. Machine total weight 2300KG

2.1.7.2 Machine must be capable of being moved through a doorway with a size of 1727 mm wide and 2133 mm high.

2.2 CNC Specifications

2.2.1 Automatic Tool Changer

The tool changer must be a bi-directional model, readily accessible with a min. space for 20 tools and be so designed not to substantially add to the machine's exterior dimensions i.e. Drum/Turret Style ATC. The following are the basic tool holder specifications sought:

2.2.1.1 Number of Tools: Min. 20

2.2.1.2 Tool Holder: MAS BT30

2.2.1.3 Pull Stud: MAS P30T-1 (45 Degree)

Tool Selection System: Shortest Path

2.2.2 CNC Control

- 2.2.2.1 Must be a FANUC 31i-B5 with iHMI Control or most recent version thereof with the following min. control specification.
 - 2.2.2.1.1 Controlled Axes: X, Y, Z with capability to control an additional 4th Axes (Rotation Axes) and Simultaneous 4th Positioning, Linear Interpolation
 - 2.2.2.1.2 Feed: Feed Rate F4 Digits (MM/MIN or Inch/MIN), Manual Pulse Generator, Manual Feed Rapid/Jog, Auto Acceleration/Deceleration for Rapid Traverse and Cutting Feed with Override/Override Cancel capability
 - 2.2.2.1.3 Operational Panel: Must have Alphabet Key with Display Functions for Commanded Values, Offset Values, Present Positions, Parameters, Tool Number, Alarm Message etc.
- 2.2.2.2 Standard Control Functions: Must have as a min.;

Background Editing, Extended Part Program Editing, Al Contour Control I, Min. 1280 meters of Memory/504,000 characters, 1,000 Registerable Programs, Tool Compensation C, Work Coordinates 6+48, Multi Step Skip, Quick Editor, Setup File, Production Control, Custom PMC, Advanced Preview Control, Bell/Shaped Accel/Decel, In-Position Check, Dynamic Graphic Display, Stored Stroke Limit, Extended Stored Stroke Limit.

- 2.2.2.3 Needs a software package that contains 1000 block look ahead, jerk control, and 4GB of memory (similar or on par with MMT- Package "A"). Must have a G54.2 rotary axis dynamic fixture offset and a G53.1 tilted work plane command.
- 2.2.2.4 Tool Offset: Offset Memory for Figure and Wear Min. 200 Pairs





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- 2.2.2.5 Operation Assist Functions: Must provide for label skip, single block, optional stop, optional stop block, dry run, machine lock, auxiliary functions (M.S.T.) lock, mirror image, manual absolute on/off, Z-Axis command neglect, tool length measurement, feed hold, cycle start, data protection key.
- 2.2.2.6 Functions for Assist Program: Circular Interpolation by Radius R, Sub Program tool offset amount, work zero point offset amount that can be changed by programming, Custom Macro B, Rigid Tapping M29, Look Ahead Control Function AC CCI, Part Program Storage
- 2.2.2.7 Machine Accuracy Compensation: Backlash, Rapid/Jog Feedrate and Backlash Compensation, Follow up Function, Stored Pitch Error Compensation, Uni-Directional Positioning G60
- 2.2.2.8 Machine Control Support Function: Built-in PMC, Axis Interlock, Control Axis Detach, External Data Input
- 2.2.2.9 Automatic Support Function: Multi-Step Skip Function
- 2.2.2.10 Safety/Maintenance: Emergency Stop, Stored Stroke Check 1 & 2, Self-Diagnosis Function, Memory Card Interface

2.2.3 Other Features Required

- 2.2.3.1 Automatic Lubrication Unit
- 2.2.3.2 1000psi thru spindle coolant system
- 2.2.3.3 Coolant tank and chip flushing coolant system
- 2.2.3.4 Coolant mist collection system

2.2.4 Required Options

2.2.4.1 Column Riser 110mm with Roof Insert (as applicable)

The Column Riser must be compatible with the CNC Vertical Milling Center as described in Sections 2.21 to 2.23. The Column Riser must provide additional Z axis clearance above the noted 4th Axis Rotary Table in Section 2.2.4.3.

2.2.4.2 Part and Tool Probing System

A Renishaw RMP400 and NC4 probing system is required for quick and accurate touching off of tools and parts.

2.2.4.3 Fully Integrated High Speed 4th Axis Linear Table with Inverse Time Feed

compatible with above specified Fanuc control. Min. Torque 190 Ft. Lbs. Least Input Increment 0.0001 Degrees Indexing Precision +/- 0.0028 Degrees (+/- 10 seconds) Load Capacity: Min. 220 lbs. A compatible tailstock with matching centerline must also be included.





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2.3 Optional Components

2.3.1 Tooling System

The Contractor must provide a list of optional tooling holders/accessories compatible with the above Vertical Milling Center.

2.3.2 Workholding

The Contractor must provide a list of optional workholding accessories.

2.3.3 4th Axis

The Contractor must provide a list of optional 4th Axis accessories including but not limited to trunnion table and chuck options.

3.0 Installation

The Contractor must provide on-site installation and commissioning services upon delivery of the CNC Vertical Milling Center. The exact date of installation and commissioning will be agreed upon by the Contractor and the RCMP Armourer Section. The Contractor must ensure that the installed items are correctly adjusted, calibrated, and serviced such that the equipment is ready for operational use.

4.0 Training and Instruction

The Contractor must provide on-site training and instruction for up to ten (10) participants. This training must include, at a minimum, general operation, instruction on the controller, and machine maintenance. The exact training and instruction date and duration will be agreed upon by the Contractor and the RCMP Armourer Section once the contract is awarded but must occur within 2 months from commissioning of the machine. The Contractor must provide training and instruction material for all participants. The training and instruction must be delivered in English and all material must be written in English.

5.0 Machine Manual(s)

The Contractor must provide manuals for machine operation, machine maintenance, and troubleshooting. The manual(s) must include a parts list. The manual(s) must be provided in English in either hardcopy or electronic format prior to or at the time of training.

6.0 Support and Warranty

The Contractor must provide full service support from the time of delivery to one year from commissioning of the machine, including hardware and software service and maintenance. This support must cover all parts and services within that period.

- 6.1 Support Coverage Period: 5 days a week (Monday to Friday excluding statutory holidays in the Province of Saskatchewan.
- 6.2 Remote support via telephone, email or website.
- 6.3 Response time for remote support: within 8 hours of initial contact by the RCMP Armourer Section.
- 6.4 If on-site support is required, it must occur within 5 business days of initial contact by the RCMP Armourer Section. All Contractor personnel requiring access to the RCMP facility must be security cleared.

All support must be provided in English.





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7.0 Quality Certification

The CNC Vertical Milling Center must be manufactured to ISO 9001 certification or better.

8.0 Location of Work

Destination Address: Royal Canadian Mounted Police RCMP Armourer Section 5600 11th Avenue, Bldg. 98 Regina, Saskatchewan S4P 3J7



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ANNEX B BASIS OF PAYMENT

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm unit prices as specified below for a cost of \$ _____ (*to be inserted at contract award*). Customs duties, transportation and unloading at destination are included and Applicable Taxes are extra, if applicable.

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.

FOR EVALUATION PURPOSES ONLY

The Bidder must insert their firm, unit price for each item in the respective column. Failure to insert their firm unit price for each item in the respective column will result in the bid being deemed non-responsive and given no further consideration.

For each item in the table below, the Bidder is to insert the currency of their bid. If the currency is left blank by the Bidder, the Bidder agrees that the currency will be considered Canadian.

The total evaluated price: Sum total of Items 1-4 (taxes not included)

ltem	Description	Total Quantity	Unit of Issue	Currency	Firm Unit Price
1	Compact CNC Vertical Milling Center as described in section 2.1 and 2.2 of Annex A	1	EA		\$
2	Installation as described in section 3.0 of Annex A	1	LOT		\$
3	Training and Instruction as described in section 4.0 of Annex A	1	LOT		\$
4	Support and Warranty as described in section 6.0 of Annex A	1	LOT		\$
Total	Total (Sum of items 1, 2 3 and 4) \$			\$	

Firm Quantity

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ANNEX C SECURITY REQUIREMENTS CHECK LIST (SRCL) AND RCMP SECURITY GUIDE

INCLASSIFIED

CNC Milling Center (Regina Armourer) SRCL #: 2024-111105

LAWRENZ,Rollis DSS Physical Signature: Scott,000366831 Digitally signed by LAWRENZ,Rollis Scott,000366831 Date: 2024.02.12 08:31:56 -06'00'

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Royal Canadian Gendarmerie royale Mounted Police du Canada







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of Canada	du Canada	

SRCL# 2024-111105

UNCLASSIFIED

Description of Work: To deliver, install and calibrate CNC Milling Center at RCMP Armourer Section , 5600 11th Ave, Regina Sask S4P-3J7. May require periodic support service to the machine.

Security Clearances: RCMP Facility Access Level 2 (FA2) with Escort.

NWR DSS Internal Use ONLY Intake Diary Date for SRCL (Expiry): 2029-02-08

General Security Requirements

All contractors and sub-contractors employed on this contract must support the RCMP's security environment by complying with the directives described in this document.

- The information disclosed under this contract will be administered, maintained, and disposed of in accordance with RCMP Security Policies and the Policy on Government Security.
- The contractor will promptly notify the RCMP of any unauthorized use or disclosure of the information exchanged under this contract and will furnish the RCMP with details of the unauthorized use or disclosure.
- Photography is not permitted. If photos are required, please contact the Contract Authority and Departmental Security Section
- If the vendor is ever required on site for maintenance and support they will have a technical escort.
- If the security requirements evaluated for this contract should change RCMP security should be notified to re-evaluate prior to work.
- Physical access is restricted to those specific areas of RCMP facilities required to meet the contract's objectives.
- No Protected or Classified information or other assets will be removed from the RCMP facility
 without the approval of the Departmental representative or technical authority. If approved the
 transport and/or transmittal must comply with the security requirements identified in the RCMP's
 Transport and Transmittal Guide.
- Restricted items such as cameras, mobile telephones, and audio/visual devices will be surrendered to the main security desk upon arrival at any RCMP facility unless prior written approval has been obtained.
- The contractor will be responsible for advising the RCMP of any changes in personnel security requirements. Ie: Cleared personnel leaving the company or no longer supporting the RCMP contract, new personnel requiring a clearance and personnel requiring clearance renewal.
- All contractor personnel will be required to obtain and maintain a personnel security clearance commensurate with the sensitivity of the work being performed throughout the life cycle of the contract (in accordance with the provisions of the SRCL).

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UNCLASSIFIED

Phyical Security

 When verified that the information and/or assets are non-sensitive, there are no physical security controls on the storage, discussions, production, destruction, transport and transmittal of the information and/or assets, provided the information and/or assets remain non-sensitive.

Personnel Security

- All contractors working for, or hired by the RCMP require a valid security clearance. If the Contractor personnel will have access to RCMP sensitive information, the required RCMP Clearance or RCMP-approved equivalency* must be at the appropriate level. Contractor personnel must submit to verification by the RCMP, prior to being granted access to sensitive information, systems, assets and/or facilities. The RCMP reserves the right to deny access to any of the Contractor personnel, at any time. In the case of an Incident, security or otherwise, the RCMP has the right to deny or suspend access to RCMP locations, services and or data if situations warrant this action, pending review of the incident.
- When the RCMP identifies a requirement, for example, Facility Access (FA2), Enhanced Reliability Status (ERS) or ERS with Secret, they will direct the Contractors to the RCMP online portal for their completion of the clearance forms.
- All Contractor and sub-contractor personnel must maintain their personnel security clearance/status commensurate with the sensitivity of the work being performed throughout the life cycle of the contract (in accordance with the provisions of the SRCL).
- Personnel security clearance/status must be in place prior to any work commencing on the requirement.
- When unscreened personnel are required, the roles must be identified and pre-approved by the RCMP in the Security Requirements Check List (SRCL) once the successful vendor is chosen.
- 6. The Contractor will be responsible for advising the RCMP of any changes in personnel security requirements. For example: Cleared personnel leaving the company or no longer supporting the RCMP contract, new personnel requiring security screening and personnel requiring renewal of their personnel security screening.
- The RCMP will conduct personnel security screening checks that exceed the security requirements identified from the <u>Policy on Government Security</u>.
- The RCMP reserves the right to increase or change the levels required if they deem appropriate, once the job roles are more closely defined.



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Government Gouverner of Canada du Canada		Cont	ract Number / Numéro du cont	trat	
		Security C	assification / Classification de	sécurité	
	SECURITY REQUIREM	ENTS CHECK LIST (SRC			
PART A - CONTRACT INFORMATION / PART	IE A - INFORMATION CONTR	ACTUELLE			
 Originating Government Department or Orga Ministère ou organisme gouvernemental d'or 	de la c		or Directorate / Direction géné er Section	rale ou Direction	
3, a) Subcontract Number / Numéro du contrat	- Rom		er Section ntractor / Nom et adresse du s	ous-traitant	
 Brief Description of Work / Brève description 	du travail				
To deliver, install and calibrate CNC Milling Cente	r at RCMP Armourer Section , 5600	11th Ave, Regina Sask S4P-3J7	May require periodic support serv	vice to the machine.	
 a) Will the supplier require access to Control Le fournisseur aura-t-il accès à des march 					Yes
5, b) Will the supplier require access to unclass		ject to the provisions of the Tr	schnical Data Control		Ou Ye:
Regulations?	-			✓ Non	Oui
Le fournisseur aura-t-il accès à des donné sur le contrôle des données techniques? 5. Indicate the type of access required / Indique		assifiées qui sont assujetties a	aux dispositions du Règlement	t	
••					
 a) Will the supplier and its employees require Le fournisseur ainsi que les employés aur (Specify the level of access using the char 	ont-ils accès à des renseignem t in Question 7, c)	ents ou à des biens PROTÉG			Ye: Ou
(Préciser le niveau d'accès en utilisant le 1 6, b) Will the supplier and its employees (e.g. c			access areas? No access to	Nº C	Yes
PROTECTED and/or CLASSIFIED inform Le fournisseur et ses employés (p. ex. net	ation or assets is permitted. toyeurs, personnel d'entretien)	auront-ils accès à des zones			Oui
à des renseignements ou à des biens PR(6. c) Is this a commercial courier or delivery rec					Yes
S'agit-il d'un contrat de messagerie ou de	livraison commerciale sans en	treposage de nuit?		✓ Non	Oui
7, a) Indicate the type of information that the su Canada	pplier will be required to access NATO / OT		Foreign / Étranger		
7. b) Release restrictions / Restrictions relative			Foreigit / Etranger		
No release restrictions	All NATO countries		No release restrictions		
Aucune restriction relative à la diffusion	Tous les pays de l'OTA	N	Aucune restriction relative à la diffusion		
Not releasable À ne pas diffuser					
Restricted to: / Limité à :	Restricted to: / Limité à	:	Restricted to: / Limité à :		
Specify country(ies): / Préciser le(s) pays :	Specify country(ies): / F	Préciser le(s) pays :	Specify country(ies): / Précis	ser le(s) pays :	
7. c) Level of information / Niveau d'information PROTECTED A	NATO UNCLASSIFIED		PROTECTED A		
PROTÉGÉA	NATO NON CLASSIFIED		PROTÉGÉ A		
PROTECTED B	NATO RESTRICTED		PROTECTED B		
PROTÉGÉ B	NATO DIFFUSION RES		PROTÉGÉ B		
PROTECTED C PROTÉGÉ C	NATO CONFIDENTIAL		PROTECTED C PROTÉGÉ C		
CONFIDENTIAL	NATO CONFIDENTIEL NATO SECRET		CONFIDENTIAL		
	NATO SECRET		CONFIDENTIAL		
SECRET	COSMIC TOP SECRET		SECRET		
SECRET	COSMIC TRÈS SECRE		SECRET		
TOP SECRET			TOP SECRET		
TRÈS SECRET			TRÈS SECRET		
TOP SECRET (SIGINT)			TOP SECRET (SIGINT)		
TRÈS SECRET (SIGINT)			I DRES SECRET (SIGINT)		

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TBS/SCT 350-103(2004/12)

Security Classification / Classification de sécurité





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	uu uanada	Security Classification / Classification	de sécurité
		-	
Le fournisseur aura-HI accès If Yes, indicate the level of ser	s to PROTECTED and/or CLASSIFIED à des renseignements ou à des biens Cr sitivity:	COMSEC information or assets? OMSEC désignés PROTÉGÉS et/ou CLASSIFIÉS?	No Yes Non Oui
	s to extremely sensitive INFOSEC inforr	mation or assets? IFOSEC de nature extrêmement délicate?	✓ No Yes Non Oui
Short Title(s) of material / Titre Document Number / Numéro o			
ART B - PERSONNEL (SUPPL	IER) / PARTIE B = PERSONNEL (FOU ing level required / Niveau de contrôle de		
RELIABILITY ST COTE DE FIABI			
TOP SECRET-			TOP SECRET TRÈS SECRET
SITE ACCESS ACCÈS AUX EN	IPLACEMENTS		
Special commen Commentaires s		el 2 with escort (FA2)	
		rity Classification Guide must be provided.	
REMARQUE : S		té sont requis, un guide de classification de la sécurité doit être	e fourni,
Du personnel sans autoris If Yes, will unscreened per	ation sécuritaire peut-il se voir confier de rsonnel be escorted?	es parties du travail?	Non Oui
Dans l'affirmative, le perso	onnel en question sera-HI escorté?		Non Oui
ART C - SAFEGUARDS (SUP) INFORMATION / ASSETS /	PLIER) / PARTIE C - MESURES DE PR RENSEIGNEMENTS / BIENS	OTECTION (FOURNISSEUR)	
premises? Le fournisseur sera t-il ten		nd/or CLASSIFIED information or assets on its site or des renseignements ou des biens PROTÉGÉS et/ou	No Yes Non Oui
	ed to safeguard COMSEC information or u de protéger des renseignements ou de		No Yes Non Oui
PRODUCTION			
occur at the supplier's site of	or premises?	PROTECTED and/or CLASSIFIED material or equipment tion et/ou réparation et/ou modification) de matériel PROTÉGÉ	No Yes Non Oui
INFORMATION TECHNOLOGY	(IT) MEDIA / SUPPORT RELATIF Á	LA TECHNOLOGIE DE L'INFORMATION (TI)	
information or data? Le fournisseur sera-t-il tenu		cess, produce or store PROTECTED and/or CLASSIFIED ques pour traiter, produire ou stocker électroniquement des	No Yes Non Oui
	nk between the supplier's IT systems and ctronique entre le système informatique d	the government department or agency? la fournisseur et celui du ministère ou de l'agence	No Yes Non Oui
TBS/SCT 350-103(2004/12)	Security Classific	ation / Classification de sécurité	Canadä



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PART C - (continued) / PARTIE C - (suite) For users completing the form manually use the summary chart below to indicate the category(ies) and level(s) of safeguarding required at the supplier's site(s) or premises.

Les utilisateurs qui remplissent le formulaire manuellement doivent utiliser le tableau récapitulatif ci-dessous pour indiquer, pour chaque catégorie, les niveaux de sauvegarde requis aux installations du fournisseur.

For users completing the form online (via the Internet), the summary chart is automatically populated by your responses to previous questions. Dans le cas des utilisateurs qui remplissent le formulaire en ligne (par Internet), les réponses aux questions précédentes sont automatiquement saisies dans le tableau récapitulatif.

SUMMARY CHART / TABLEAU RÉCAPITULATIF

Category		DTEÇI			SSIFIED			NATO						COMSEC		
Catégorie	PR	OTÉ	3E	CI CI	ASSIFIÉ											
	А	в	с	CONFIDENTIAL	SECRET	TOP SECRET	NATO RESTRICTED	NATO CONFIDENTIAL	NATO SECRET	COSMIC TOP SECRET		OTECT ROTÉG		CONFIDENTIAL	SECRET	TOP SECRET
				CONFIDENTIEL		TRÈS SECRET	NATO DIFFUSION RESTREINTE	NATO CONFIDENTIEL		COSMIC TRES SECRET	Α	в	с	CONFIDENT[EL		TRES SECRET
Information / Assets Renseignements / Bions																
Production																
T Modia /	-	⊢	+			<u> </u>					-	-	\vdash			
Support TI		<u> </u>	_									<u> </u>				
T Link / Lien électronique																
La description f Yes, classif Dans l'affirma « Classification																
	2, b) Will the documentation attached to this SRCL be PROTECTED and/or CLASSIFIED? La documentation associée à la présente LVERS sera-t-elle PROTÉGÉE et/ou CLASSIFIÉE?						Ye Ou									
attachments (Dans l'affirma « Classificatio	If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification" and indicate with attachments (e.g. SECRET with Attachments). Dans l'affirmative, classifier le présent formulaire en indiquant le niveau de sécurité dans la case intitulée « Classification de sécurité » au haut et au bas du formulaire et indiquer qu'il y a des pièces jointes (p. ex, SECRET avec des pièces iointes).															

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Page 4 of SRCL to be inserted at Contract Award.

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ATTACHMENT 1 TO PART 4 EVALUATION GRID

For each mandatory technical criterion, the Bidder MUST PROVIDE documentation to demonstrate compliance with the specifications and cross-reference with the page number of their supplied documentation. Simply stating that they meet the criterion is not sufficient. When referencing other documents submitted with the bid, the bidder should indicate the exact location of the referenced documents, including the document title, page number and paragraph/subparagraph number.

Documentation includes any technical data sheets, specifications, brochures and/or other relevant technical documentation describing the equipment offered and demonstrating compliance.

NOTE: No web links will be accepted.

The Bidder must provide a response for each criterion. The Bidder must provide sufficient detail to permit a complete evaluation.

Table 1 – Mandatory Criteria

2.1 Machine Specifications

Item No. (Reference to Annex A)	Specification		Bid page Ref #
2.1.1	Travels:		
2.1.1.1	Longitudinal Travel (X axis)	Minimum: 490 mm	
2.1.1.2	Cross Travel (Y axis)	Minimum: 390 mm	
2.1.1.3	Vertical (Z) Axis	Minimum: 320 mm	
2.1.2	Table Size:		
2.1.2.1	Machine Table Dimensions	Minimum: 650mm (length) x 390 mm (Width)	
2.1.3	Table load Capacity		
2.1.3.1	Table Capacity:	Minimum: 399 kg	
2.1.4	Spindle		
2.1.4.1	Spindle Type	Must be a Direct Drive cartridge style high torque Spindle	
2.1.4.2	Spindle Taper	BT30	
2.1.4.3	Spindle Revolution per minute (RPM)	Min 24,000 rpm	
2.1.4.4	Spindle Drive:	Direct Drive with standard electrical orientation and spindle air blow	



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2.1.4.5	Spindle Motor:	Minimum 16.5 hp (12.5kW) with continuous rating of 5 hp (3.7 kW)	
2.1.5	Accuracy		
2.1.5.1	Positional Accuracy (X, Y/Z):	Minimum .005 mm over 304.8 mm (.0002"/ 12")	
2.1.6	Power Supply		
2.1.6.1	Input Power	Input Power : AC200/220v 50/60Hz	
2.1.7	Dimensions		
2.1.7.1	Machine Size	Max. Floor Area (Incl.Maint. area for any Chip Conveyor): 2.6 m wide x 2.9 m deep Max. Machine total weight 2300KG Machine must be capable of being moved through a doorway with a size of	
		1727 mm wide and 2133 mm high.	

2.2 CNC Specifications

Item No. (Reference to Annex A)	Specifica	Bid page Ref #	
2.2.1	Tool Changer		
2.2.1.1	Automatic tool changer capacity:	Min: 20 tools	
2.2.1.2	Automatic tool changer type:	MAS BT30 Drum/Turret style	
2.2.1.3	Pull Stud:	MAS P30T-1 (45 Degree)	
2.2.2	Controller		



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2.2.2.1	Controller type:	Fanuc 31i-B5 with	
		iHMI control	
2.2.2.2	Min Control Functions:	Background Editing, Extended Part Program Editing, AI Contour Control I, Min. 1280 meters of Memory/504,000 characters, 1,000 Registerable Programs, Tool Compensation C, Work Coordinates 6+48, Multi Step Skip, Quick Editor, Setup File, Production Control, Custom PMC, Advanced Preview Control, Bell/Shaped Accel/Decel, In- Position Check, Dynamic Graphic Display, Stored Stroke Limit, Extended Stored Stroke Limit.	
2.2.2.3	Required software package:	1000 block look ahead, jerk control, and 4GB of memory. Must have a G54.2 rotary axis dynamic fixture offset and a G53.1 tilted work plane command	
2.2.2.4	Tool Offset	Offset Memory for Figure and Wear Min. 200 Pairs	
2.2.2.5	Operation assist functions:	label skip, single block, optional stop, optional stop block, dry run,	



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2.2.2.6	Functions for assist	machine lock, auxiliary functions lock, mirror image, manual absolute on/off, Z-Axis command neglect, tool length measurement, feed hold, cycle start, data protection key.	
	program	Interpolation by Radius R, Sub Program tool offset amount, work zero point offset amount that can be changed by programming, Custom Macro B, Rigid Tapping M29, Look Ahead Control Function AC CCI, Part Program Storage	
2.2.2.7	Machine Accuracy Compensation	Backlash, Rapid/Jog Feedrate and Backlash Compensation, Follow up Function, Stored Pitch Error Compensation, Uni-Directional <u>Positioning G60</u>	
2.2.2.8	Machine Control Support Function:	Built-in PMC, Axis Interlock, Control Axis Detach, External Data Input	
2.2.2.9	Automatic support function:	Multi-step skip function	
2.2.2.10	Safety/Maintenance:	Emergency Stop, Stored Stroke Check 1 & 2, Self-	



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		Diagnosis Function, Memory Card Interface	
2.2.3	Other Features Required		
2.2.3.1	Automatic lubrication unit		
2.2.3.2	Thru spindle coolant:	1000psi	
2.2.3.3	Coolant system	Must include coolant tank, and chip flushing coolant system	
2.2.3.4	Mist collector	Coolant mist collection system	
2.2.4	Required Options		
2.2.4.1	Column riser:	110 mm in height	
2.2.4.2	Part and Tool probing system:	Renishaw RMP400 and NC4	
2.2.4.3	4 th Axis rotary table	High speed direct drive linear rotary table, minimum 190Ft. Ibs torque, least input increment 0.0001 degrees, indexing precision +/0028 degrees (+/-10 seconds. Load capacity: minimum 220 lbs. Needs to be compatible with required Fanuc control. Tailstock with matching centerline must be included.	



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2.3 Optional Components

Item No. (Reference to Annex A)	Specification		Bid page Ref #
2.3.1	Tooling System	List of optional tooling/accessories	
2.3.2	Workholding	List of optional workholding accessories	
2.3.3	4 th Axis	List of optional 4 th Axis accessories	

6.0 Support and Warranty

Item No. (Reference to Annex A)	Specification		Bid page Ref #
6.0	Support and Warranty	Bidder attestation to the obligations in Section 6 of Annex A	

7.0 Quality Certification

Item No. (Reference to Annex A)	Specification		Bid page Ref #
7.0	Quality Certification	Manufactured to ISO 9001 certification or better	



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ATTACHMENT 1 TO PART 5 CERTFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid or tender (hereinafter "bid") to:

(Corporate Name of Recipient of this Submission)

for:

(Name and Number of Bid and Project)

in response to the call or request (hereinafter "call") for bids made by:

(Name of Tendering Authority)

do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of: ____

______that: (Corporate Name of Bidder or Tenderer [hereinafter "Bidder"])

- 1. I have read and I understand the contents of this Certificate;
- 2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
- 3. I am authorized by the Bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the Bidder;
- 4. each person whose signature appears on the accompanying bid has been authorized by the Bidder to determine the terms of, and to sign, the bid, on behalf of the Bidder;
- 5. for the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the Bidder, whether or not affiliated with the Bidder, who:
 - a. has been requested to submit a bid in response to this call for bids;
 - b. could potentially submit a bid in response to this call for bids, based on their qualifications, abilities or experience;
- 6. the Bidder discloses that (check one of the following, as applicable):
 - a. the Bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with, any competitor;
 - the Bidder has entered into consultations, communications, agreements or arrangements with one or more competitors regarding this call for bids, and the Bidder discloses, in the attached document(s), complete details thereof, including the names of the competitors and the nature of, and reasons for, such consultations, communications, agreements or arrangements;





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- 7. in particular, without limiting the generality of paragraphs (6)(a) or (6)(b) above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - a. prices;
 - b. methods, factors or formulas used to calculate prices;
 - c. the intention or decision to submit, or not to submit, a bid; or
 - d. the submission of a bid which does not meet the specifications of the call for bids;

except as specifically disclosed pursuant to paragraph (6)(b) above;

- 8. in addition, there has been no consultation, communication, agreement or arrangement with any competitor regarding the quality, quantity, specifications or delivery particulars of the products or services to which this call for bids relates, except as specifically authorized by the Tendering Authority or as specifically disclosed pursuant to paragraph (6)(b) above;
- 9. the terms of the accompanying bid have not been, and will not be, knowingly disclosed by the Bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening, or of the awarding of the contract, whichever comes first, unless otherwise required by law or as specifically disclosed pursuant to paragraph (6)(b) above.

(Printed Name and Signature of Authorized Agent of Bidder)

(Position Title)

(Date)

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