

**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
**Bid Receiving Public Works and Government  
Services Canada/Réception des soumissions  
Travaux publics et Services gouvernementaux  
Canada**  
**1713 Bedford Row**  
**Halifax, N.S./Halifax, (N.É.)**  
**B3J 1T3**  
**Bid Fax: (902) 496-5016**

## **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**

<b>Title - Sujet</b> MILLING MACHINE	
<b>Solicitation No. - N° de l'invitation</b> W010T-13E040/A	<b>Date</b> 2012-11-02
<b>Client Reference No. - N° de référence du client</b> W010T-13-E040	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$HAL-219-8810	
<b>File No. - N° de dossier</b> HAL-2-69184 (219)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2012-12-17</b>	<b>Time Zone Fuseau horaire</b> Atlantic Standard Time AST
<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> Richard, Linda K.	<b>Buyer Id - Id de l'acheteur</b> hal219
<b>Telephone No. - N° de téléphone</b> (902) 496-5261 ( )	<b>FAX No. - N° de FAX</b> (902) 496-5016
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> DEPARTMENT OF NATIONAL DEFENCE FORMATION LOGISTICS BLDG D206 RADM WRIGHT BLDG HALIFAX NOVA SCOTIA B3K5X5 Canada	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

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

**Issuing Office - Bureau de distribution**  
Acquisitions  
1713 Bedford Row  
Halifax, N.S./Halifax, (N.É.)  
B3J 3C9

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

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Annex D List of Directors**PART 1 - GENERAL INFORMATION****1. Security Requirement**

There is no security requirement associated with the requirement.

**2. Requirement**

The requirement is detailed in Annex "A" - Requirement.

**3. Debriefings**

After contract award, bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days of receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

**PART 2 - BIDDER INSTRUCTIONS****1. Standard Instructions, Clauses and Conditions**

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual* (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The 2003 (2012-07-11) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

The text under Subsection 4 of Section 01 - Code of Conduct and Certifications - Bid of 2003 referenced above is replaced by:

Bidders should provide, with their bid or promptly thereafter, a complete list of names of all individuals who are currently directors of the Bidder. If such a list has not been received by the time the evaluation of bids is completed, Canada will inform the Bidder of a time frame within which to provide the information. Failure to provide such a list within the required time frame will render the bid non-responsive. Bidders must always submit the list of directors before contract award.

Canada may, at any time, request that a Bidder provide properly completed and Signed Consent Forms (*Consent to a Criminal Record Verification form* - PWGSC-TPSGC 229) (<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/formulaire-forms-eng.html>) for any or all individuals named

in the aforementioned list within a specified delay. Failure to provide such Consent Forms within the delay will result in the bid being declared non-responsive.

The text under Subsection 5 of Section 01 - Code of Conduct and Certifications - Bid of 2003 referenced above is replaced by:

The Bidder must diligently maintain the list up-to-date by informing Canada in writing of any change occurring during the validity period of the bid, and must also provide Canada, when requested, with the corresponding Consent Forms. The Bidder will also be required to diligently maintain the list and when requested, provide Consent Forms during the period of any contract arising from this bid solicitation.

## **2. Submission of Bids**

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

## **3. Enquiries - Bid Solicitation**

All enquiries must be submitted in writing to the Contracting Authority no later than five (5) calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the questions or may request that the Bidder do so, so that the proprietary nature of the question is eliminated, and the enquiry can be answered with copies to all bidders. Enquiries not submitted in a form that can be distributed to all bidders may not be answered by Canada.

## **4. Applicable Laws**

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

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the bidders.

# **PART 3 - BID PREPARATION INSTRUCTIONS**

## **1. Bid Preparation Instructions**

Canada requests that bidders provide their bid in separately bound sections as follows:

Section I: Technical Bid ( 2 hard copies)  
Section II: Financial Bid (1 hard copy)  
Section III: Certifications (1 hard copy)

Canada requests that bidders follow the format instructions described below in the preparation of their bid:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](#)

(<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, bidders are encouraged to:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and/or containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

## **Section I: Technical Bid**

In their technical bid, bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

## **Section II: Financial Bid**

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of Goods and Services Tax (GST) or Harmonized Sales Tax (HST) must be shown separately, if applicable.

### **1.1 Exchange Rate Fluctuation**

C3011T (2010-01-11), Exchange Rate Fluctuation

## **Section III: Certifications**

Bidders must submit the certifications required under Part 5.

## **PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION**

### **1. Evaluation Procedures**

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

## 1.1 Technical Evaluation

### 1.1.1 Mandatory Technical Criteria

See Annex "A" - Requirement.

## 1.2 Financial Evaluation

*SACC Manual Clause A0220T (2007-05-25), Evaluation of Price*

## 2. Basis of Selection

- 2.1** A bid must comply with the requirements of the bid solicitation and meet all mandatory technical evaluation criteria to be declared responsive. The responsive bid with the lowest evaluated price will be recommended for award of a contract.

## PART 5 - CERTIFICATIONS

Bidders must provide the required certifications to be awarded a contract. Canada will declare a bid non-responsive if the required certifications are not completed and submitted as requested.

Compliance with the certifications bidders provide to Canada is subject to verification by Canada during the bid evaluation period (before award of a contract) and after award of a contract. The Contracting Authority will have the right to ask for additional information to verify bidders' compliance with the certifications before award of a contract. The bid will be declared non-responsive if any certification made by the Bidder is untrue, whether made knowingly or unknowingly. Failure to comply with the certifications or to comply with the request of the Contracting Authority for additional information will also render the bid non-responsive.

### 1. Code of Conduct Certifications - Certifications Required Precedent to Contract Award

- 1.1** Bidders should provide, with their bid or promptly thereafter, a complete list of names of all individuals who are currently directors of the Bidder. If such a list has not been received by the time the evaluation of bids is completed, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Bidders must submit the list of directors before contract award, failure to provide such a list within the required time frame will render the bid non-responsive.

The Contracting Authority may, at any time, request that a Bidder provide properly completed and Signed Consent Forms ([Consent to a Criminal Record Verification form](http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/formulaires-forms-eng.html) - PWGSC-TPSGC 229) (<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/formulaires-forms-eng.html>) for any or all individuals named in the aforementioned list within a specified delay. Failure to provide such Consent Forms within the delay will result in the bid being declared non-responsive.

### 2. Certifications Precedent to Contract Award

The certifications listed below should be completed and submitted with the bid, but may be submitted afterwards. If any of these required certifications is not completed and submitted as requested, the Contracting Authority will so inform the Bidder and provide the Bidder with a time frame within which to

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meet the requirement. Failure to comply with the request of the Contracting Authority and meet the requirement within that time period will render the bid non-responsive.

## 2.1 Federal Contractors Program - Certification

Suppliers who are subject to the Federal Contractors Program (FCP) and have been declared ineligible contractors by Human Resources and Skills Development Canada (HRSDC) are no longer eligible to receive federal government contracts over the threshold for solicitation of bids as set out in the Government Contracts Regulations. Suppliers may be declared ineligible contractors either as a result of a finding of non-compliance by HRSDC, or following their voluntary withdrawal from the FCP for a reason other than the reduction of their workforce to less than 100 employees. Any bids from ineligible contractors, including a bid from a joint venture that has a member who is an ineligible contractor, will be declared non-responsive.

The Bidder, or, if the Bidder is a joint venture the member of the joint venture, certifies its status with the FCP, as follows:

The Bidder or the member of the joint venture

- a. ( ) is not subject to the FCP, having a workforce of less than 100 full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada;
- b. ( ) is not subject to the FCP, being a regulated employer under the Employment Equity Act, S.C. 1995, c. 44;
- c. ( ) is subject to the requirements of the FCP, having a workforce of 100 or more full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada, but has not previously obtained a certificate number from HRSDC, having not bid on requirements of \$200,000 or more;
- d. ( ) has not been declared an ineligible contractor by HRSDC, and has a valid certificate number as follows: \_\_\_\_\_.

Further information on the FCP is available on the HRSDC Web site.

## PART 6 - RESULTING CONTRACT CLAUSES

### 1. Requirement

The Contractor must provide the items detailed under the "Requirement" at Annex "A".

### 2. Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the Standard Acquisition Clauses and Conditions Manual

(<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

#### 2.1 General Conditions

2010A (2012-07-16), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.



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The text under Subsection 4 of Section 29 - Code of Conduct and Certifications - Contract of 2010A (2012-07-16) referenced above is replaced by:

During the entire period of the Contract, the Contractor must diligently update, by written notice to the Contracting Authority, the list of names of all individuals who are directors of the Contractor whenever there is a change. As well, whenever requested by Canada, the Contractor must provide the corresponding Consent Forms.

#### **4. Term of Contract**

##### **4.1 Delivery Date**

Delivery is MANDATORY DDP destination by 29 March 2013. Firms who cannot meet this delivery will be deemed non-responsive and their bid will not receive further consideration.

If your firm is awarded a contract with a mandatory 29 March 2013 delivery and the delivery is not received by this date, your firm agrees that the contract may be terminated for mutual consent and each Party release the other from any past, present and future obligations under the contract.

#### **5. Authorities**

##### **5.1 Contracting Authority**

The Contracting Authority for the Contract is:

Name: Linda Richard  
Title: Supply Officer  
Public Works and Government Services Canada  
Address: 1713 Bedford Row  
Halifax, NS B3J 3C9  
Telephone: (902) 496-5261  
Facsimile: (902) 496-5016  
E-mail address: linda.k.richard@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.

##### **5.2 Project Authority**

The Project Authority for the Contract is (to be named upon award of contract:)

The Project 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 Project Authority, however the Project Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

##### **5.3 Contractor's Representative**

(To be completed by bidder)

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone : \_\_\_\_\_

Facsimile: \_\_\_\_\_

E-mail address: \_\_\_\_\_

## 6. Payment

### 6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm unit prices, as specified in Annex B for a cost of \$ \_\_\_\_\_ insert the amount at contract award). Customs duties are included and Goods and Services Tax or Harmonized Sales Tax is 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.

### 6.2 Limitation of Price

*SACC Manual* clause C6000C (2011-05-16) Limitation of Price

### 6.3 Single Payment

*SACC Manual* clause H1000C(2008-05-12) Single Payment

## 7. Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
2. Invoices must be distributed as follows:
  - a. The original and two (2) copies must be forwarded to the address shown on page 1 of the Contract for certification and payment.

## 8. Certifications

- 8.1 Compliance with the certifications provided by the Contractor in its bid is a condition of the Contract and subject to verification by Canada during the term of the Contract. If the Contractor does not comply with any certification or it is determined that any certification made by the

Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

## **9. Applicable Laws**

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

## **10. Priority of Documents**

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- (a) the Articles of Agreement;
- (b) 2010A (2012-07-16) General Conditions, Goods - Medium Complexity
- (c) Annex A, Requirement;
- (d) Annex B, Basis of Payment;
- (f) the Contractor's bid dated \_\_\_\_\_ (*insert date of bid*)

## **11. Defence Contract**

*SACC Manual* clause A9006C (2012-07-16) Defence Contract

## **12. SACC Manual Clauses**

*SACC Manual* clause B1501C (2006-06-16) Electrical Equipment

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**ANNEX "A"****REQUIREMENT****Universal Milling Machine with Motorized Vertical Huron Type Head with Quill****1. Scope**

To purchase one ( 1 ) Universal Milling Machine with Motorized Vertical Huron Type Head with Quill.

**Mandatory Requirements:**

- 1.1 Standard Design-** The milling machine must be an accepted, well proven machine with industrial acceptance or based off a proven machine with industrial acceptance.
- 1.2** This equipment must come with all components, equipment and accessories including safety accessories and parts normally provided with this equipment although the specifics may not be listed
- 1.3 Equipment Safety Regulations-** This equipment must comply with all SCA, and Canadian Labor Codes with regards to safety, operation and other regulations in effect and applicable by law in Canada on the date of manufacture.

Where equipment certification to a standard (SAE or other) is required, the Bidder must provide the certification upon request.

**1.4 Human Engineering and Safety**

- (a) All systems and components must be safe and easy to operate by a 5-95th percentile male or female under all operating conditions;
- (b) Safety features such as warning and instruction plates, handles, steps, non-slip surfaces, and heat shields, guards must be provided where required; and
- (c) Instruction and warning plates must be labeled with ISO International Symbols where available in bilingual text.
- (d) Vendor must install equipment, and provide full training to shop personnel selected by the client.
- (e) Vendor must deliver, install and test the equipment in place and attach all accessories as directed by the client.

**1.5 Maintainability**

Equipment must be designed for low maintenance and easy to maintain with a minimum of special tools and skills.

- (a) All maintenance and repair task, especially routine operator maintenance, must be easy to perform and in accordance with SAE recommended practice.

- (b) Vendor must have local maintenance and repair facilities in place in the Halifax geographical area. Or must be able to provide local maintenance and repairs from within the Halifax geographical area.
- (c) Equipment must have a minimum 2 years parts and labor warranty covering all mechanical moving parts, motors, pumps stationary component, framework, and all accessories.

## 1.6 Equipment

This equipment must have the following features and accessories included with this purchase.

- (a) Automatic lubrication system
- (b) Pendant controls
- (c) Complete coolant system with chip tray
- (d) Powerfeeds in all three directions with AC variable speed drive
- (e) Rapid traverse in all directions
- (f) Hardened column, longitudinal, crossbed ways and table top
- (g) One milling arbor with spacers and nut
- (h) Two (2) bearing supports for long milling arbor
- (i) 50 taper on both spindles
- (j) 3 axis digital readout system
- (k) 10 HP motor on horizontal spindle
- (l) 5 ½ HP motor on vertical spindle
- (m) Table working surface minimum 72.8" x 13.75"
- (n) Table swivels L-R minimum 45 degrees
- (o) Manual quill feed of 4 inches
- (p) Vertical Spindle speed range of minimum 45-1960 RPM
- (q) Horizontal spindle speed range of minimum 48-2160 RPM

## 1.7 Painting

The equipment must be painted in accordance with the Standard Industrial Practices for good workmanship with compatible materials rendering a smooth appearance and must be applied in accordance with the product manufacturer's instructions to produce good adhesion and a durable finish free from runs, sags, orange peel, etc. Surfaces to be painted must be uniform and free from dust and rust particles.

## 1.8 Lubricants and Fluids

The equipment must use environmentally friendly oil that is readily available within the Halifax geographical location.

## 1.9 Electrical

The equipment's electrical components shall be compliant with all North American standards.

- (a) Must be able to run off 220 volt (3 phase).

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## **2.0 Condition on Delivery**

The contractor shall ensure the equipment is delivered and set-up with all components correctly adjusted for operational use, and that all items are defect and damage free upon delivery.

## **3.0 Training**

Training duration of a minimum of 1 day shall be performed by contractor upon installation and set-up to personnel selected by receiving shop.

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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 a firm price, as specified in the contract. Customs duties are included and Goods and Services Tax or Harmonized Sales Tax is 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.

Price is to include all delivery charges, administration, costs and risks of transport and customs clearance, including the payment of customs duties and taxes to the destination.

<b>Ite m #</b>	<b>Description</b>	<b>Qty.</b>	<b>Unit of Issue</b>	<b>Unit Price</b>
1	Universal Milling Machine with Motorized Vertical Huron Type Head with Quill as per Annex A - Requirement  Make & Model Offered: _____ _____	1	ea.	\$ _____
<b>Total Bid Price \$ _____</b>				

## ANNEX 'C'

### MANDATORY TECHNICAL CROSS-REFERENCE

Bidders are requested to provide cross-reference below to identify the page(s) where each mandatory specification can be demonstrated in their technical documentation provided with their bid. Canada reserves the right to verify any and all information relating to mandatory requirements. For the few criteria which are not identified in specification sheets/literature/brochures, your firm's indication of "Compliance - Yes" will be consideration that the requirement is met or exceeded.

Mandatory Requirements		
		Cross Reference from Literature (ie: brochure title, page)
1.1	The milling machine must be an accepted, well proven machine with industrial acceptance or based off a proven machine with industrial acceptance.	
1.2	This equipment must come with all components, equipment and accessories including safety accessories and parts normally provided with this equipment although the specifics may not be listed.	
1.3	This equipment must comply with all SCA, and Canadian Labor Codes with regards to safety, operation and other regulations in effect and applicable by law in Canada on the date of manufacture.  Where equipment certification to a standard (SAE or other) is required, the Bidder must provide the certification upon request.	
1.4.a	All systems and components must be safe and easy to operate by a 5-95th percentile male or female under all operating conditions;	
1.4.b	Safety features such as warning and instruction plates, handles, steps, non-slip surfaces, and heat shields, guarded must be provided where required	
1.4.c	Instruction and warning plates must be labeled with ISO International Symbols where available in bilingual text.	
1.4.d	Vendor must install equipment, and provide full training to shop personnel selected by the client.	



1.4.e	Vendor must deliver, install and test the equipment in place and attach all accessories as directed by the client.	
1.5.a	All maintenance and repair tasks, especially routine operator maintenance, must be easy to perform and in accordance with SAE recommended practice.	
1.5.b	Vendor must have local maintenance and repair facilities in place in the Halifax geographical area. Or must be able to provide local maintenance and repairs from within the Halifax geographical area.	
1.5.c	Equipment must have a minimum 2 years parts and labor warranty covering all mechanical moving parts, motors, pumps stationary component, framework, and all accessories.	
1.6	The equipment must have the following features and accessories included with this purchase:	
1.6.a	Automatic lubration system	
1.6.b	Pendent controls	
1.6.c	Complete coolant system with chip tray	
1.6.d	Powerfeeds in all three directions with AC variable speed drive.	
1.6.e	Rapid traverse in all directions.	
1.6.f	Hardened column, longitudinal, crossbed ways and table top	
1.6.g	One mill arbor with spacers and nut	
1.6.h	Two (2) bearing supports for long milling arbor	
1.6.i	50 taper on both spindles	
1.6.j	3 axis digital readout system	
1.6.k	10HP motor on horizontal spindle	
1.6.l	5 ½ HP motor on vertical spindle	
1.6.m	Table working surface minimum 72.8" x 13.75"	
1.6.n	Table swivels L-R minimum 45 degrees	
1.6.o	Manual quill feed of 4 inches	

1.6.p	Vertical Spindle speed range of minimum 45-1960 RPM	
1.6.q	Horizontal spindle speed range of minimum 48-2160 RPM	
1.7	The equipment must be painted in accordance with the Standard Industrial Practices for good workmanship with compatible amterials rendering a smooth appearance and must be applied in accordance with the product manufacturer's instructions to produce good ahesion and a durable finish free from runs, sags, orange peel, etc. Surfaces to be painted must be uniform and free from dust and rust particles.	
1.8	The equipment must use environmentally friendly oil that is readily available within the Halifax geographical location.	
1.9	The equipment's electrical components shall be compliant with all North American standards.	
1.9.a	Must be able to run off 220 volt (3 phase)	
2	The contractor shall ensure the equipment is delivered and set-up with all components correctly adjusted for operational use, and that all items are defect and damage free upon delivery.	
3	Training duration of a minimum of 1 day shall be performed by contractor upon installation and set-up to personnel selected by receiving shop.	

Solicitation No. - N° de l'invitation

W010T-13E040/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

hal219

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

File No. - N° du dossier

CCC No./N° CCC - FMS No/ N° VME

W010T-13-E040

HAL-2-69184

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**ANNEX 'D'**  
**LIST OF DIRECTORS**

Bidders must submit with their bid, by the bid solicitation closing date:

- (a) a complete list of names of all individuals who are currently directors of the Bidder;

**Directors:** (Please print clearly)

NAME	NAME