



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

**Bid Receiving Public Works and Government
Services Canada/Réception des soumissions
Travaux publics et Services gouvernementaux
Canada**

**Government of Canada Building
101 - 22nd Street East, Suite 110
Saskatoon
Saskatchewan
S7K 0E1
Bid Fax: (306) 975-5397**

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

**Proposal To: Public Works and Government
Services Canada**

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

**Proposition aux: Travaux Publics et Services
Gouvernementaux Canada**

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

Comments - Commentaires

Title - Sujet CNC Router	
Solicitation No. - N° de l'invitation 21C51-193879/A	Date 2019-01-25
Client Reference No. - N° de référence du client 21C51-193879	
GETS Reference No. - N° de référence de SEAG PW-\$STN-201-5119	
File No. - N° de dossier STN-8-41059 (201)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-03-11	Time Zone Fuseau horaire Central Standard Time CST
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Marsland, Rina	Buyer Id - Id de l'acheteur stn201
Telephone No. - N° de téléphone (306) 241-5742 ()	FAX No. - N° de FAX (306) 975-5397
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: CORRECTIONAL SERVICE OF CANADA CORCAN RQH PRAIRIES 2313 HANSELMAN PLACE SASKATOON Saskatchewan S7K3X5 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

Public Works and Government Services Canada/Réception
des soumissions Travaux publics et Services gouvernementaux
Canada
Government of Canada Building
101 - 22nd Street East
Suite 110
Saskatoon
Saskatche
S7K 0E1

Delivery Required - Livraison exigée See Herein	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

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PART 1 - GENERAL INFORMATION

1.1 Requirement

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

1.2 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.

1.3 Canadian Content

The requirement is subject to a preference for Canadian goods and/or services.

1.4 epost Connect service

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

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

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

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

The [2003](#) (2018-05-22) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

2.2 Submission of Bids

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

Bid Receiving Public Works and Government Services Canada
Government of Canada Building
101 – 22nd Street East, Suite 110
Saskatoon, Saskatchewan S7K 0E1

ROReceptionSoumissions.WRBidReceiving@tpsgc-pwgsc.gc.ca (Bids/Offers will not be accepted if emailed directly to this email address. This email is to initiate an ePost conversation, as detailed in the Standard Instructions at Article 2.1).

Facsimile: (306) 975-5397

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

2.4 Applicable Laws

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

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 Best Delivery Date – Bid

While delivery is requested by March 29, 2019, the best delivery that could be offered is _____.
(Supplier to complete)

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

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

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

Section I: Technical Bid
Section II: Financial Bid
Section III: Certifications
Section IV: Additional Information

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

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

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

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

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

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

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

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573) (<https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573>). To assist Canada in reaching its objectives, bidders should:

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

Section I: Technical Bid

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

Section II: Financial Bid

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

3.1.1 Electronic Payment of Invoices – Bid

If you are willing to accept payment of invoices by Electronic Payment Instruments, complete Annex “C” Electronic Payment Instruments, to identify which ones are accepted.

If Annex “C” Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

3.1.2 Exchange Rate Fluctuation

[C3011T](#) (2013-11-06), Exchange Rate Fluctuation

Section III: Certifications

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

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 team will determine first if there are two or more bids with a valid Canadian Content certification. In that event, the evaluation process will be limited to the bids with the certification; otherwise, all bids will be evaluated. If some of the bids with a valid certification are declared non-responsive, or are withdrawn, and less than two responsive bids with a valid certification remain, the evaluation will continue among those bids with a valid certification. If all bids with a valid certification are subsequently declared non-responsive, or are withdrawn, then all the other bids received will be evaluated.

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Technical Criteria

See Annex A, Requirement

4.1.1.2 Point Rated Technical Criteria

See Annex A, Requirement

4.1.2 Financial Evaluation

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

4.2 Basis of Selection

4.2.1 Basis of Selection - Highest Combined Rating of Technical Merit and Price

1. To be declared responsive, a bid must:
 - a. comply with all the requirements of the bid solicitation; and
 - b. meet all mandatory criteria; and
 - c. obtain the required minimum of **20** points overall for the technical evaluation criteria which are subject to point rating.
The rating is performed on a scale of **25** points.
2. Bids not meeting (a) or (b) or (c) will be declared non-responsive.
3. The selection will be based on the highest responsive combined rating of technical merit and price. The ratio will be **60 %** for the technical merit and **40 %** for the price.
4. To establish the technical merit score, the overall technical score for each responsive bid will be determined as follows: total number of points obtained / maximum number of points available multiplied by the ratio of **60 %**.
5. To establish the pricing score, each responsive bid will be prorated against the lowest evaluated price and the ratio of **40 %**.

6. For each responsive bid, the technical merit score and the pricing score will be added to determine its combined rating.

7. Neither the responsive bid obtaining the highest technical score nor the one with the lowest evaluated price will necessarily be accepted. The responsive bid with the highest combined rating of technical merit and price will be recommended for award of a contract.

The table below illustrates an example where all three bids are responsive and the selection of the contractor is determined by a 60/40 ratio of technical merit and price, respectively. The total available points equals 135 and the lowest evaluated price is \$45,000 (45).

Basis of Selection - Highest Combined Rating Technical Merit (60%) and Price (40%)

		Bidder 1	Bidder 2	Bidder 3
Overall Technical Score		115/135	89/135	92/135
Bid Evaluated Price		\$55,000.00	\$50,000.00	\$45,000.00
Calculations	Technical Merit Score	$115/135 \times 60 = 51.11$	$89/135 \times 60 = 39.56$	$92/135 \times 60 = 40.89$
	Pricing Score	$45/55 \times 40 = 32.73$	$45/50 \times 40 = 36.00$	$45/45 \times 40 = 40.00$
Combined Rating		83.84	75.56	80.89
Overall Rating		1st	3rd	2nd

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

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

The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare a bid non-responsive, or will declare a contractor in default if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority will render the bid non-responsive or constitute a default under the Contract.

5.1 Certifications Required with the Bid

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

5.1.1 Integrity Provisions - Declaration of Convicted Offences

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

5.1.2 Additional Certifications Required with the Bid

5.1.2.1 Canadian Content Certification

This procurement is conditionally limited to Canadian goods.

Subject to the evaluation procedures contained in the bid solicitation, bidders acknowledge that only bids with a certification that the good(s) offered are Canadian goods, as defined in clause [A3050T](#), may be considered.

Failure to provide this certification completed with the bid will result in the good(s) offered being treated as non-Canadian goods.

The Bidder certifies that:

() the good(s) offered are Canadian goods as defined in paragraph 1 of clause [A3050T](#)

5.1.2.1.1 SACC Manual clause [A3050T](#) (2018-12-06) Canadian Content Definition

5.2 Certifications Precedent to Contract Award

The certifications and additional information listed below should be submitted with the bid, but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Failure to provide the certifications or the additional information listed below within the time frame provided will render the bid non-responsive.

5.2.1 Integrity Provisions – Required Documentation

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

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#>).

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

PART 6 - RESULTING CONTRACT CLAUSES

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

6.1 Security Requirements

6.1.1 There is no security requirement applicable to the Contract.

6.2 Requirement

The Contractor must provide **one (1) CNC Router** in accordance with the Requirement at Annex "A".

6.3 Standard Clauses and Conditions

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

6.3.1 General Conditions

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

6.4 Term of Contract

6.4.1 Period of the Contract

The period of the Contract is from date of Contract to **to be determined at time of award** inclusive

6.4.2 Delivery Date

All the deliverables must be received on or before **to be determined at time of award**.

6.4.3 Delivery Points

Delivery of the requirement will be made to delivery point specified at Annex "A" of the Contract.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Rina Marsland
Procurement Specialist
Public Works and Government Services Canada
Procurement Branch – Western Region
101 22nd St E, Suite 110
Saskatoon, SK S7K 0E1

Telephone: 306-241-5742
Facsimile: 306-975-5397
E-mail address: rina.marsland@pwgsc-tpsgc.gc.ca

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

6.5.2 Technical Authority

The Technical Authority for the Contract is:

- **To be determined**

The Technical Authority named above is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Technical Authority, however the Technical Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

6.5.3 Contractor's Representative

(Offeror to complete)

Name: _____

Title: _____

Organization: _____

Address: _____

Telephone: _____

Facsimile: _____

E-mail address: _____

6.6 Payment

6.6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price as specified in Annex B for a cost of **\$ to be determined**. Customs duties are included and Applicable Taxes are extra.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

6.6.2 Single Payment

[H1000C](#) (2008-05-12), Single Payment

6.6.3 Electronic Payment of Invoices – Contract

TO BE DETERMINED

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

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

6.7 Invoicing Instructions

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

6.8 Certifications and Additional Information

6.8.1 Compliance

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

6.8.2 SACC Manual Clauses

[A3060C](#) (2008-05-12), Canadian Content Certification

6.9 Applicable Laws

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

6.10 Priority of Documents

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

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21C51-193879
Client Ref. No. - N° de réf. du client
21C51-193879

Amd. No. - N° de la modif.
File No. - N° du dossier
STN-8-41059

Buyer ID - Id de l'acheteur
STN201
CCC No./N° CCC - FMS No./N° VME

- (a) the Articles of Agreement;
- (b) the general conditions [2010A](#) (2018-06-21), General Conditions - Goods (Medium Complexity)
- (c) Annex A, Requirement;
- (e) Annex B, Basis of Payment;
- (f) the Contractor's bid dated _____

6.11 SACC Manual Clauses

[A9068C](#) (2010-01-11), Government Site Regulations
[B1501C](#) (2018-16-21), Electrical Equipment
[B7500C](#) (2006-06-16), Excess Goods

ANNEX "A"

REQUIREMENT

Correctional Services Canada, Saskatchewan Penitentiary in Prince Albert, Saskatchewan (a multi-level security Federal Penitentiary) has the requirement to purchase 1 (one) new Computer Numerical Control (CNC) Router, for wood applications at their CORCAN Industries facility. Purchase will include delivery to CORCAN Industries at Saskatchewan Penitentiary, setup and training for staff.

Anyone entering the site will have to complete a site entry clearance form prior to being given access, which will be arranged with the Technical Authority or their delegate prior to delivery. The delivery personnel will need to bring picture ID to gain access at time of delivery and will need to complete a tool list if tools are required.

Destination:

Saskatchewan Penitentiary
P.O. Box 850
15th Street West
Prince Albert, Sask S6V 5S4

DELIVERY

All the deliverables must be on or before **to be determined at time of award**.

COMPLIANCE MATRIX – MINIMUM MANDATORY PERFORMANCE SPECIFICATIONS

A complete list of the minimum mandatory performance specifications are detailed below in the "Compliance Matrix". Bidders are to clearly demonstrate compliance with each mandatory specification.

1. Bidders **must** show compliance by addressing each performance specification in the Compliance Matrix, whether the product offered "meets" or "doesn't meet".
2. Bidders are requested to indicate how they meet each performance specification by recording this information under the Performance Specification Offered column in the Compliance Matrix.
3. It is requested that supporting technical documentation, including but not limited to, specification sheets, technical brochures, photographs or illustrations be provided with the bid at solicitation close and be cross-referenced on the Compliance Matrix for each performance specification to outline where in the supporting technical documentation it demonstrates compliance. It is the Bidders responsibility to ensure that the submitted supporting technical documentation provides detail to prove that the proposed product(s) meet the requirements of the Performance Specification. If published supporting technical document is not available, the Bidder should prepare a written narrative complete with a detailed explanation of how its bid demonstrates technical compliance.
4. If the supporting documentation referenced above has not been provided at bid closing, the Contracting Authority will notify the Bidder that they must provide supporting documentation within two (2) business days following notification. Failure to comply with the request of the Contracting Authority within that time period, will deem the bid non-responsive and the bid will be given no further consideration.

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STN201
CCC No./N° CCC - FMS No./N° VME

5. Bidders must address any concerns with the performance specifications in written detail to the Contracting Authority before bid closing as outlined in the Request for Proposal (RFP) document.
6. Failure to meet each mandatory performance specification will result in the bid being deemed non-responsive, and be given no further consideration.

COMPLIANCE MATRIX

1. MINIMUM MANDATORY PERFORMANCE SPECIFICATIONS:

Requirement:	Manufacturer Offered:	Model number Offered#:
CNC Router		

Item #	Performance Specification	Status (M) Mandatory (D) Desirable	Performance Specification Met? Indicate either Yes/No	Performance Specification Offered: Bidder <u>should</u> indicate how they meet the performance specification by recording this information in this column	Cross Reference: In this column, Bidders should cross-reference where this performance specification is indicated in their supporting documents.
A. Mandatory Requirements					
1	Table size 5' x 10'	M			
2	Off-loading and cleaning device	M			
3	Fixed table moving Gantry	M			
4	CNC router min 10 HP variable speed with auto tool changer	M			
5	2 HP multiple spindle boring head with independently selectable spindles for vertical boring	M			
6	Router equipped with lubrication and or maintenance free bearings with cooling	M			
7	Incorporated Spindle brake on motor	M			
8	Auto tool changer with Min 8 tool capacity mounted to router head	M			
9	Leveling pads for levelling machine	M			

10	X-axis heavy duty steel construction frame reinforced for strength and less vibrations helical rack and pinion	M			
11	Y-axis heavy duty steel construction with multiple reinforcements to increase strength and absorb vibrations	M			
12	Z-axis spindle carriage designed for strength and vibration dampening characteristics	M			
13	Anti-backlash equipped for the Y and Z axis	M			
14	Zero backlash characteristics for the X axis	M			
15	Solid torsion resistant steel constructed vacuum table with extra hard table top for secure positioning of the work pieces and holding fixtures with min 5 reference pins	M			
16	Off-loading and cleaning device with blast gate for clearing the vacuum table.	M			
17	Two Vacuum pumps min 250 cbm/hour 9 HP to hold large and small pieces of raw Medium density board for the purpose off milling it.	M			
18	Safety options for the safe operation of the machine	M			

19	Dust collection for the router and drill heads	M			
20	Vacuum zones 4'X8' and 5'X10'	M			
21	Min Position accuracy +/- 0.05 mm/M	M			
22	Min Repeatability +/- 0.03mm/M	M			
23	Router spindle with min 8- position automatic carousel tool changer with 16 total collets included 1/4", 3/8", 1/2" and 3/4"	M			
24	Multi spindle boring block min 9 with selectable operation via program	M			
25	Tool length measuring system	M			
26	Tool length measuring system	M			
27	Spindle coverage area of full machining table				
28	Manufacturer to be qualified for the ISO 9001/2000 Certificate	M			
B. Controller Minimum Mandatory Requirements					
1	Fiber Optic Communication	M			
2	Front End Controller	M			

3	Automatic Operation	M			
4	Manual data input operation	M			
5	Interlock function for each axis	M			
6	Emergency stop	M			
7	Dry run capable	M			
8	Backlash compensation	M			
9	JOG feed	M			
10	JOG override	M			
11	DNC operation	M			
12	Circular interpolation	M			
13	S code function	M			
14	Reference position return	M			
15	Automatic acceleration / deceleration	M			
16	Advanced preview	M			
17	Inch/Metric conversion	M			
18	Least input increment 0.001mm	M			

19	All axis interlock	M			
C. Operator Components Minimum Mandatory Requirement:					
20	Mobile control console	M			
21	Industrial PC	M			
22	Windows 7 Embedded operating system	M			
23	Intel 1.66GHz processor	M			
24	RAM – 1 GB	M			
25	Hard Disk Drive: 174 GB	M			
26	LCD Monitor	M			
27	Keyboard and Mouse	M			
28	USB port	M			
29	DNC software interface	M			
D. Electrical Requirements:					
30	600 or 208 volts and/or applicable transformers.	M			
E. Starter Tooling Package including					
31	Cutters	QTY			
i.	3/8" Compression cutter	1	M		
ii.	1/2" Down spiral cutter	1	M		
iii.	3/8" Down spiral cutter	1	M		
iv.	1/4" Down spiral cutter	1	M		

v.	4" Spoil board surfacer	1	M			
32	Drill Bits	QTY				
i.	5mm X 70mm Brad Point Drill - LH	2	M			
ii.	5mm X 70mm Brad Point Drill - RH	3	M			
iii.	8mm X 70mm Brad Point Drill - LH	2	M			
iv.	8mm X 70mm Brad Point Drill - RH	2	M			
33	Minimum One year (12 month) parts and labour warranty		M			
34	Delivery, Installation and setup of new machine		M			
35	On-site training for a minimum of three (3) staff members on the operation, programming, safety & maintenance		M			
36	A local distributor to provide technical support (Prairie Region, Alberta, Saskatchewan and Manitoba)		M			

2. Point Rated Requirements (Desirables)

Supplier must meet a minimum of 20 of the desirable items below to be considered further in the evaluation. There are 25 desirable items listed.

Item #	Performance Specification	Status (M) Mandatory (D) Desirable	Point Rating	Performance Specification Met? Indicate either Yes/No	Performance Specification Offered: Bidder <u>should</u> indicate how they meet the performance specification by recording this information in this column	Cross Reference: In this column, Bidders should cross-reference where this performance specification is indicated in their supporting documents.
A. Requirement						
1	Spindle rotation 1000- 24000 rpm	D	1			
B. Controller Desirable Requirements						
1	Simple synchronous control	D	1			
2	Flexible feed gear	D	1			
3	Sequence number search	D	1			
4	Program number search	D	1			
5	Helical interpolation	D	1			
6	Single Block function	D	1			
7	Manual reference position return	D	1			

8	Linear acceleration and deceleration	D	1			
9	Linear interpolation	D	1			
10	After cutting feed interpolation	D	1			
11	Dwell function	D	1			
12	HRV control	D	1			
13	Rapid traverse rate	D	1			
14	Optional block skip	D	1			
15	Program number 4 digits	D	1			
16	Feed rate override	D	1			
17	Absolute programming	D	1			
18	Machine lock function	D	1			
19	Sequence number 5 digits	D	1			
20	Over travel function	D	1			
21	Part Program storage 512 kb	D	1			
22	Coordinate system setting	D	1			
23	400 Tool offset library capacity	D	1			

Solicitation No. - N° de l'invitation
21C51-193879
Client Ref. No. - N° de réf. du client
21C51-193879

Amd. No. - N° de la modif.
File No. - N° du dossier
STN-8-41059

Buyer ID - Id de l'acheteur
STN201
CCC No./N° CCC - FMS No./N° VME

C. Operator Components Desirable Requirements						
1	Hand-held remote control with hand-wheel	D	1			
<u>Total Points Rating</u>			/25			

ANNEX "B"

BASIS OF PAYMENT

1. Price is to be a firm unit price, CAD, FOB Destination, including delivery costs, and any costs associated with performing the on-site installation, set-up and training for staff.
2. GST, if applicable, is not to be included in the price. It will be shown on a separate line in the resulting invoice and is payable by Canada.
3. No additional fees will be accepted.

Line item	Description	Quantity	Price
1.	CNC Router as specified in Annex "A", Requirement	1	\$
2.	On-site training as per Annex A, Requirement	1	\$
Total Price			\$

ANNEX C

CONTRACTORS TOOL AND MATERIAL INVENTORY

This list is to be completed by the escorting officer and the contractor. Both parties shall sign this sheet. Copies of inventory sheet to contractor, escorting officer, works officer, Coordinator Correctional Operations and I.P.S.O.

Date Checked in: _____ **Checked in by Officer:** _____

Item #	Tool	Quantity	Item #	Tool	Quantity
1.			21.		
2.			22.		
3.			23.		
4.			24.		
5.			25.		
6.			26.		
7.			27.		
8.			28.		
9.			29.		
10.			30.		
11.			31.		
12.			32.		
13.			33.		
14.			34.		
15.			35.		
16.			36.		
17.			37.		
18.			38.		
19.			39.		
20.			40.		

Date Checked Out: _____ **Officer:** _____

Contractor

Escorting Officer

ANNEX "D" to PART 3 OF THE BID SOLICITATION

ELECTRONIC PAYMENT INSTRUMENTS

The Bidder accepts any of the following Electronic Payment Instrument(s):

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