



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

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

See herein for bid submission
instructions/

Voir la présente pour les
instructions sur la présentation
d'une soumission

NA

Ontario

REQUEST FOR PROPOSAL DEMANDE DE PROPOSITION

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

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

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

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

Comments - Commentaires

Vendor/Firm Name and Address

Raison sociale et adresse du

fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Public Works and Government Services Canada
Ontario Region
10th Floor, 4900 Yonge Street
Toronto
Ontario
M2N 6A6

Title - Sujet CNC Electric Press Brakes	
Solicitation No. - N° de l'invitation W3474-211541/A	Date 2020-10-08
Client Reference No. - N° de référence du client A12F-0155RP01	
GETS Reference No. - N° de référence de SEAG PW-\$TOR-015-7978	
File No. - N° de dossier TOR-0-43048 (015)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2020-10-28	Time Zone Fuseau horaire Eastern Standard Time EST
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: Abela, Aaron	Buyer Id - Id de l'acheteur tor015
Telephone No. - N° de téléphone (416) 262-6212 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF NATIONAL DEFENCE ATESS 8 Wing/CFB Trenton Astra Ontario K0K3W0 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

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 Security Requirements

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

1.2 Requirement

The requirement is detailed under Annex A 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 epost Connect service

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

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

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

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

The [2003](#) (2020-05-28) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of [2003](#), Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: 60 days
Insert: 90 days

2.2 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:

PWGSC Ontario Region Bid Receiving Unit

Only bids submitted using epost Connect service will be accepted. The Bidder must send an email requesting to open an epost Connect conversation to the following address:

TPSGC.oreceptiondessousmissions-orbidreceiving.PWGSC@tpsgc-pwgsc.gc.ca

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

It is the Bidder's responsibility to ensure the request for opening an epost Connect conversation is sent to the email address above at least six days before the solicitation closing date.

Bids transmitted by facsimile or hardcopy to PWGSC will not be accepted.

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than ten (10) calendar days before the bid closing date. Enquiries received after that time may not be answered.

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

2.4 Applicable Laws

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

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

2.5 Bid Challenge and Recourse Mechanisms

- (a) Several mechanisms are available to potential suppliers to challenge aspects of the procurement process up to and including contract award.
- (b) Canada encourages suppliers to first bring their concerns to the attention of the Contracting Authority. Canada's [Buy and Sell](#) website, under the heading "[Bid Challenge and Recourse Mechanisms](#)" contains information on potential complaint bodies such as:
 - Office of the Procurement Ombudsman (OPO)
 - Canadian International Trade Tribunal (CITT)
- (c) Suppliers should note that there are **strict deadlines** for filing complaints, and the time periods vary depending on the complaint body in question. Suppliers should therefore act quickly when they want to challenge any aspect of the procurement process.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

The Bidder must submit its bid electronically in accordance with section 08 of the 2003 standard instructions. The epost Connect system has a limit of 1GB per single message posted and a limit of 20GB per conversation.

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

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

Bids transmitted by facsimile or hardcopy will not be accepted.

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 “D” Electronic Payment Instruments, to identify which ones are accepted.

If Annex “D” 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

3.1.3 SACC Manual Clauses

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.

4.1.1 Technical Evaluation

4.1.1.1. Mandatory Technical Criteria

See Annex "E" Evaluation Criteria

4.1.2 Financial Evaluation

4.1.2.1 Mandatory Financial Criteria

The Offeror must submit pricing in accordance with Annex B, Basis of Payment, in Canadian funds.

The Total Evaluated Price will be the aggregate of items 1, 2 and 3 of Annex B, Basis of Payment.

The Total Evaluated Price will be the aggregate of the Extended Prices for each item which will be calculated by multiplying the Firm Unit Price by the Estimated Quantity.

4.1.2.2 Evaluation of Price

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

4.2 Basis of Selection

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

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

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

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

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

5.1 Certifications Required with the Bid

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

5.1.1 Integrity Provisions - Declaration of Convicted Offences

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

5.2 Certifications Precedent to Contract Award and Additional Information

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

5.2.1 Integrity Provisions – Required Documentation

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

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

1. The Contractor/Offeror must, at all times during the performance of the Contract/Standing Offer, hold a valid Designated Organization Screening (DOS), issued by the Contract Security Program (CSP), Public Works and Government Services Canada (PWGSC).
2. The Contractor/Offeror personnel requiring access to sensitive site(s) must EACH hold a valid RELIABILITY STATUS, granted or approved by the CSP, PWGSC.
3. Subcontracts which contain security requirements are NOT to be awarded without the prior written permission of the CSP, PWGSC.
4. The Contractor/Offeror must comply with the provisions of the:
 - a) Security Requirements Check List and security guide (if applicable), attached at Annex C;
 - b) *Industrial Security Manual* (Latest Edition).

6.2 Requirement

The Contractor must provide the items detailed under 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](#) (2020-05-28), 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 March 31, 2026 inclusive.

6.4.2 Delivery Date

The supply, delivery and installation of CNC Electric Press Brake and on-site training deliverables must be received on or before March 31, 2021.

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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:

Name: Aaron Abela
Title: Supply Specialist
Public Works and Government Services Canada
Acquisitions Branch
Address: 480C-33 City Center Drive, Mississauga ON L5B 2N5

Telephone: 905-615-2061
Facsimile: 905-615-2060
E-mail address: aaron.abela@pwgsc.gc.ca

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

6.5.2 Project Authority *(Insert at contract award)*

The Project Authority for the Contract is:

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone: _____
Facsimile: _____
E-mail address: _____

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.

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6.5.3 Contractor's Representative *(To be completed by Offeror)*

Name: _____

Title: _____

Telephone: _____

E-mail address: _____

6.6 Payment

6.6.1 Basis of Payment – Firm Unit Price

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm unit price, as specified in Annex B for a cost of \$ _____ *(Insert the amount at contract award)*. Customs duties are included and Applicable Taxes are extra.

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

6.6.2 Advance Payment

SACC Manual clause H302HC (2010-01-11) Advance Payment

6.6.2.1 Advance Payment only applies to Annex A, Section 7.0 WARRANTY AND SUPPORT SERVICE

6.6.3 Limitation of Price

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

6.6.4 Single Payment

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

6.6.5 Electronic Payment of Invoices – Contract

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

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

6.7 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.

6.9 Applicable Laws

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

6.10 Priority of Documents

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

- (a) the Articles of Agreement;
- (b) the general conditions [2010A](#) (2020-05-28), General Conditions - Goods (Medium Complexity);
- (c) Annex A, Requirement;
- (d) Annex B, Basis of Payment;
- (e) Annex C, Security Requirements Check List;
- (f) the Contractor's bid dated _____ (*insert date of bid*).

6.11 SACC Manual Clauses

SACC Manual clause [A9062C](#) (2011-05-16) Canadian Forces Site Regulations

SACC Manual clause [B1501C](#) (2018-06-21) Electrical equipment

SACC Manual clause [B7500C](#) (2006-06-16) Excess Goods

SACC Manual clause [G1005C](#) (2006-01-28) Insurance - No Specific Requirement

6.12 Dispute Resolution

- (a) The parties agree to maintain open and honest communication about the Work throughout and after the performance of the contract.
- (b) The parties agree to consult and co-operate with each other in the furtherance of the contract and promptly notify the other party or parties and attempt to resolve problems or differences that may arise.

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-
- (c) If the parties cannot resolve a dispute through consultation and cooperation, the parties agree to consult a neutral third party offering alternative dispute resolution services to attempt to address the dispute.
- (d) Options of alternative dispute resolution services can be found on Canada's Buy and Sell website under the heading "[Dispute Resolution](#)".

6.12 Defence Contract

SACC Manual clause [A9006C](#) (2012-07-16) Defence Contract

ANNEX "A"

REQUIREMENT

1.0 TITLE

Computer Numeric Controlled Electric Press Brakes

2.0 OBJECTIVE

The Department of National Defence (DND) has a requirement for two (2) identical, CSA compliant Computer Numerically Controlled (CNC) Electric Press Brakes. The requirement includes delivery, on-site installation and a single training session on the operation of the equipment.

3.0 BACKGROUND

Aerospace and Telecommunication Engineering Support Squadron (ATESS) based out of 8 Wing Trenton, ON provides a wide variety of manufacturing capability and capacity to the Canadian Armed Forces particularly aircraft parts. This capability requires the bending of various types of aerospace grade metals to very accurate tolerances.

4.0 REQUIREMENT

4.1 Specifications

The contractor must provide CNC Electric Press Brakes with the following specifications:

- .1 Capacity: 40 US tons minimum
- .2 Foundation Requirements: Flush on floor level
- .3 Machine Dimensions:
Length: 66" – 84"
Width: 50" – 62"
- .4 Machine net weight: 20,000 lbs maximum

***NOTE:** Contractor must provide appropriate weight distribution plates. Maximum floor weight per square inch will be provided at contract award as the information is not currently available.
- .5 Motor Capacity: no less than 20 horse power (HP)
- .6 Bending Length: 40" minimum to 62" maximum
- .7 Stroke length: 7.9" minimum
Stroke repeatability: +/- 0.0005" maximum
- .8 Throat (depth of gap): 6" – 8"
- .9 Distance between housing: 36" minimum to 60" maximum
- .10 Clamping System:
Designed to receive American Standard Tooling

Top beam manual/electric/hydraulic clamping for sectionalized tooling smallest tool section of 0.5")
Bed manual/electric/hydraulic clamping for sectionalized tooling (smallest tool section of 0.5")

- .11 Back Gauge: no less than 5-axis independent finger back gauge
Front to back positioning range (X axis) 0" minimum to 48" maximum
Positioning accuracy: +/- 0.0002" maximum
Positioning repeatability: +/- 0.002" max
- .13 Controls:
Movable control console
No less than 15" Colour Display
Provide a standalone computer for off line programming pre-loaded with press brake operating software
Software:
Compatible with DFX format at minimum
Capable to import 2D and/or 3D models
- .14 Laser and/or Optical Safety System

4.2 Standard Equipment

Standard Equipment for the (CNC) Electric Press Brakes must include each of the following:

1. All steel welded or combination of welded and bolted frame construction. The equipment must sit flush on the floor
2. Machine enclosure: Self-contained hydraulic unit (clamping), servo drives and electric motor.
3. Electric transformer to be included with the machine (transformer sizing to suit existing building electrical to be done upon contract awarding).
4. Operator console to be attached to the main machine on either side (left or right) including:
On-off key switch and E-Stop button.
5. CNC controlled 5 axis back gauge minimum.
6. Hydraulic, electric or manual (quick Tool clamping):
7. Operator footswitch
8. Machine self leveling screws. Weight distribution plates to be included if machine is more than 20 000 lbs net.
9. Air conditioned electrical cabinet.
10. Working zone led lighting.
11. Laser and physical barrier for operator safety.
12. Machine operator maintenance tooling.
13. Machine manuals: operation manual(s) and maintenance manual(s).

4.3 Program Numeric Control

Standard Program Numeric Control for the (CNC) Electric Press Brakes must include each of the following:

1. Industrial PC based.
2. Microsoft Windows embedded OS.
3. Screen size of 15 inches minimum
4. Touchscreen.
5. Pre-loaded soft keyboard.
6. Solid state hard drive.
7. USB ports (minimum 2).

8. Network port (Ethernet).
9. Loaded with machine bending operation software.
10. Pre-loaded with Wilson tool file library.
11. Imperial and metric
12. Easy part programming at the machine (part design from cross section, flat pattern)
13. Quick bend.
14. Full automatic bending program.
15. Forming mode: Angle, Ram Position and absolute at minimum.
16. Software to allow operator to input corrections into bending programs (set up mode).
17. Speed change position input by operator (down, forming and return speed).
18. Bending angle correction.
19. Manual and/or automatic tool selection for all steps.
20. Automatic and manual back gauge positioning for all steps.
21. Ram tilt.
22. Material clamping (pause/stop) and back gauge retraction.
23. Tonnage reversal auto calculation
24. Z axis position auto calculation.
25. Part/batch counter.
26. Back-up and restore wizard.
27. Password protected rights on controller (Operator, Manager and Administrator).

4.4 Electrical Equipment

Standard Electrical Equipment for the (CNC) Electric Press Brakes must include each of the following:

The machine drive system must be composed of 2 electro-mechanical drives, one on each ram. The system must be composed of an electric motor coupled to the roller drive screw via a belt or directly attached to a ball screw drive. A strain gauge must be installed on the drives to allow tonnage reversal of the rams. The electrical motors must generate enough force to deliver full tonnage at full speed.

The machine operator console and the machine actuating drives system have to be electrically powered thru the machine electrical panel.

4.5 Canadian Standards Association (CSA) Approval

Unit must meet Canadian CSA standards for electric and mechanical components. It also must meet Canadian Safety standards with proper shielding and personnel protection requirements. The unit must have CSA approval and labelling at the time of delivery.

5.0 Performance Test

1. The Contractor must conduct a pre-delivery performance test on the Electric Press Brake to ensure machine specifications have been met and provide a certificate to the Project Authority (PA). The Contractor must obtain approval from the PA prior to commencing with delivery.
2. Bending, programming test to be carried out and provide a proof test certificate stating the results.

6.0 Installation and Calibration

1. The Contractor must complete the installation and the calibration of the CNC Electric Press Brakes. A functional test must be completed at the contractor's location after

- manufacturing. An additional function test must be completed by the contractor after installation.
2. Contactor to demonstrate machine serviceability by making test bends by creating bending programs with different material thickness and using various tool radius after manufacturing at the contractor's location and another set of test bends must be completed by the contractor after installation. An experienced ACS Specialist Technical Inspector (STI) will accept the machine after proof of functionality.

7.0 WARRANTY AND SUPPORT SERVICE

- 7.1 The Contractor must provide annual maintenance for 5 years from date of delivery that includes each of the following:
 1. The maintenance requirements listed in the machine maintenance manual.
 2. Machine preventive maintenance should be carried out in accordance with machine maintenance manuals.
 3. ATESS will contact the manufacturer to set up site visit timings due to hourly/monthly/yearly preventive maintenance requirements.
 4. ATESS will contact the OEM when machine needs actual repairs.
 5. Provide technical services thru telephone for the duration on the maintenance package. Telephone support must be during regular business days (not including statutory holidays) and between the hours of 7:00 to 17:00 EST.
- .3 Service and parts must be easily accessible to ensure limited interference to serviceability and reduced downtime (within 10 business days).

8.0 TRAINING AND DOCUMENTATION

- . 1 The Contractor must provide a one-day training session for up to ten (10) people within 4 weeks of delivery. Training will be conducted at the ATESS Metal Shop in Trenton, Ontario (see Section 9.1 for full address) Training must include a minimum coverage of operation, operator level preventive maintenance, machine programming, and safety procedures. All expenses related to the training such as labour, travel, housing, food, etc. must be covered by the Contractor.
- .2 The Contractor must provide programming and machine operating manuals (a minimum of one (1) English and one (2) French hard copy, and one (1) English and one (2) French electrical copy – Microsoft compatible). The supplied manuals must provide information on set up and use procedures.

9.0 DELIVERY

Delivery of the requirement must be made to the delivery point specified below:

1. Aerospace and Telecommunications Engineering Support Squadron
Metal Shop
20 Alert Blvd
Trenton, Ontario
K0K 3W0
Canada

The Contractor must provide the Project Authority with a minimum two (2) business days advance notice of when delivery is to occur. ATESS will provide in-house equipment to offload.

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ANNEX "B"

BASIS OF PAYMENT

Prices for the supply and delivery of the work in accordance with Annex A must be firm, in Canadian Funds, with customs duties, excise taxes and delivery charges included. Harmonized Sales Tax is extra if it is applicable.

Note to Bidders: Bidders must provide manufacturer and model information in their bid. This text will not be included in the resulting Contract. Text in italics will be deleted at contract award.

Item	Description	Unit	Quantity (A)	Firm Unit Price (B)	Extended Price (AxB)
1	The supply, delivery and installation of CNC Electric Press Brake in accordance with Annex A, Requirement. <i>Bidder must provide:</i> Make: _____ Model: _____	Each	2	\$ _____	\$ _____
2	On-site training in accordance with Annex A, Requirement.	Lot	1	\$ _____	\$ _____
3	Annual Maintenance Support Services and Extended Warranty in accordance with Annex A, Requirement.	Per Year	5	\$ _____	\$ _____
*Total Evaluated Price (Sum of items 1, 2 and 3)					\$ _____

** At contract award, "Total Evaluated Price" becomes "Total Contract Price".*


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ANNEX "C"

SECURITY REQUIREMENTS CHECK LIST

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Security Classification / Classification de sécurité UNCLAS		

SECURITY REQUIREMENTS CHECK LIST (SRCL)

LISTE DE VÉRIFICATION DES EXIGENCES RELATIVES À LA SÉCURITÉ (LVERS)

PART A - CONTRACT INFORMATION / PARTIE A - INFORMATION CONTRACTUELLE		
1. Originating Government Department or Organization / Ministère ou organisme gouvernemental d'origine DND		2. Branch or Directorate / Direction générale ou Direction ATESS
3. a) Subcontract Number / Numéro du contrat de sous-traitance		3. b) Name and Address of Subcontractor / Nom et adresse du sous-traitant
4. Brief Description of Work / Brève description du travail Press brake purchase/installation, subsequent maintenance will be required		
5. a) Will the supplier require access to Controlled Goods? Le fournisseur aura-t-il accès à des marchandises contrôlées? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Non <input type="checkbox"/> Oui		
5. b) Will the supplier require access to unclassified military technical data subject to the provisions of the Technical Data Control Regulations? Le fournisseur aura-t-il accès à des données techniques militaires non classifiées qui sont assujetties aux dispositions du Règlement sur le contrôle des données techniques? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Non <input type="checkbox"/> Oui		
5. Indicate the type of access required / Indiquer le type d'accès requis		
6. a) Will the supplier and its employees require access to PROTECTED and/or CLASSIFIED information or assets? Le fournisseur ainsi que les employés auront-ils accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS? (Specify the level of access using the chart in Question 7. c.) (Préciser le niveau d'accès en utilisant le tableau qui se trouve à la question 7. c.) <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Non <input type="checkbox"/> Oui		
6. b) Will the supplier and its employees (e.g. cleaners, maintenance personnel) require access to restricted access areas? No access to PROTECTED and/or CLASSIFIED information or assets is permitted. Le fournisseur et ses employés (p. ex. nettoyeurs, personnel d'entretien) auront-ils accès à des zones d'accès restreintes? L'accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS n'est pas autorisé. <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes Non <input type="checkbox"/> Oui		
6. c) Is this a commercial courier or delivery requirement with no overnight storage? S'agit-il d'un contrat de messagerie ou de livraison commerciale sans entreposage de nuit? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Non <input type="checkbox"/> Oui		
7. a) Indicate the type of information that the supplier will be required to access / Indiquer le type d'information auquel le fournisseur devra avoir accès		
Canada <input type="checkbox"/>	NATO / OTAN <input type="checkbox"/>	Foreign / Étranger <input type="checkbox"/>
7. b) Release restrictions / Restrictions relatives à la diffusion		
No release restrictions Aucune restriction relative à la diffusion <input type="checkbox"/>	All NATO countries Tous les pays de l'OTAN <input type="checkbox"/>	No release restrictions Aucune restriction relative à la diffusion <input type="checkbox"/>
Not releasable À ne pas diffuser <input type="checkbox"/>		
Restricted to: / Limité à: <input type="checkbox"/>	Restricted to: / Limité à: <input type="checkbox"/>	Restricted to: / Limité à: <input type="checkbox"/>
Specify country(ies): / Préciser le(s) pays: <input type="text"/>	Specify country(ies): / Préciser le(s) pays: <input type="text"/>	Specify country(ies): / Préciser le(s) pays: <input type="text"/>
7. c) Level of information / Niveau d'information		
PROTECTED A <input type="checkbox"/>	NATO UNCLASSIFIED <input type="checkbox"/>	PROTECTED A <input type="checkbox"/>
PROTECTED B <input type="checkbox"/>	NATO NON CLASSIFIÉ <input type="checkbox"/>	PROTÉGÉ A <input type="checkbox"/>
PROTÉGÉ B <input type="checkbox"/>	NATO RESTRICTED <input type="checkbox"/>	PROTECTED B <input type="checkbox"/>
PROTECTED C <input type="checkbox"/>	NATO DIFFUSION RESTREINTE <input type="checkbox"/>	PROTÉGÉ B <input type="checkbox"/>
PROTÉGÉ C <input type="checkbox"/>	NATO CONFIDENTIAL <input type="checkbox"/>	PROTECTED C <input type="checkbox"/>
CONFIDENTIAL <input type="checkbox"/>	NATO CONFIDENTIEL <input type="checkbox"/>	PROTÉGÉ C <input type="checkbox"/>
CONFIDENTIEL <input type="checkbox"/>	NATO SECRET <input type="checkbox"/>	CONFIDENTIAL <input type="checkbox"/>
SECRET <input type="checkbox"/>	NATO SECRET <input type="checkbox"/>	CONFIDENTIEL <input type="checkbox"/>
SECRET <input type="checkbox"/>	COSMIC TOP SECRET <input type="checkbox"/>	SECRET <input type="checkbox"/>
TOP SECRET <input type="checkbox"/>	COSMIC TRÈS SECRET <input type="checkbox"/>	SECRET <input type="checkbox"/>
TRÈS SECRET <input type="checkbox"/>		TOP SECRET <input type="checkbox"/>
TOP SECRET (SIGINT) <input type="checkbox"/>		TRÈS SECRET <input type="checkbox"/>
TRÈS SECRET (SIGINT) <input type="checkbox"/>		TOP SECRET (SIGINT) <input type="checkbox"/>
		TRÈS SECRET (SIGINT) <input type="checkbox"/>

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PART A (continued) / PARTIE A (suite)

8. Will the supplier require access to PROTECTED and/or CLASSIFIED COMSEC information or assets?
Le fournisseur aura-t-il accès à des renseignements ou à des biens COMSEC désignés PROTÉGÉS et/ou CLASSIFIÉS? ☒ No ☐ Yes
Non Oui

If Yes, indicate the level of sensitivity:

Dans l'affirmative, indiquer le niveau de sensibilité :

9. Will the supplier require access to extremely sensitive INFOSEC information or assets?
Le fournisseur aura-t-il accès à des renseignements ou à des biens INFOSEC de nature extrêmement délicate? ☒ No ☐ Yes
Non Oui

Short Title(s) of material / Titre(s) abrégé(s) du matériel :

Document Number / Numéro du document :

PART B - PERSONNEL (SUPPLIER) / PARTIE B - PERSONNEL (FOURNISSEUR)

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

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

Special comments:

Commentaires spéciaux :

NOTE: If multiple levels of screening are identified, a Security Classification Guide must be provided.

REMARQUE : Si plusieurs niveaux de contrôle de sécurité sont requis, un guide de classification de la sécurité doit être fourni.

10. b) May unscreened personnel be used for portions of the work?
Du personnel sans autorisation sécuritaire peut-il se voir confier des parties du travail? ☒ No ☐ Yes
Non Oui

If Yes, will unscreened personnel be escorted?

Dans l'affirmative, le personnel en question sera-t-il escorté? ☒ No ☐ Yes
Non Oui

PART C - SAFEGUARDS (SUPPLIER) / PARTIE C - MESURES DE PROTECTION (FOURNISSEUR)

INFORMATION / ASSETS / RENSEIGNEMENTS / BIENS

11. a) Will the supplier be required to receive and store PROTECTED and/or CLASSIFIED information or assets on its site or premises?
Le fournisseur sera-t-il tenu de recevoir et d'entreposer sur place des renseignements ou des biens PROTÉGÉS et/ou CLASSIFIÉS? ☒ No ☐ Yes
Non Oui

11. b) Will the supplier be required to safeguard COMSEC information or assets?
Le fournisseur sera-t-il tenu de protéger des renseignements ou des biens COMSEC? ☒ No ☐ Yes
Non Oui

PRODUCTION

11. c) Will the production (manufacture, and/or repair and/or modification) of PROTECTED and/or CLASSIFIED material or equipment occur at the supplier's site or premises?
Les installations du fournisseur serviront-elles à la production (fabrication et/ou réparation et/ou modification) de matériel PROTÉGÉ et/ou CLASSIFIÉ? ☒ No ☐ Yes
Non Oui

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

11. d) Will the supplier be required to use its IT systems to electronically process, produce or store PROTECTED and/or CLASSIFIED information or data?
Le fournisseur sera-t-il tenu d'utiliser ses propres systèmes informatiques pour traiter, produire ou stocker électroniquement des renseignements ou des données PROTÉGÉS et/ou CLASSIFIÉS? ☒ No ☐ Yes
Non Oui

11. e) Will there be an electronic link between the supplier's IT systems and the government department or agency?
Disposera-t-on d'un lien électronique entre le système informatique du fournisseur et celui du ministère ou de l'agence gouvernementale? ☒ No ☐ Yes
Non Oui

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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 / Catégorie	PROTECTED PROTÉGÉ			CLASSIFIED CLASSIFIÉ			NATO				COMSEC					
	A	B	C	CONFIDENTIAL CONFIDENTIEL	SECRET TRÈS SECRET	TOP SECRET TRÈS SECRET	NATO RESTRICTED NATO DIFFUSION RESTREINTE	NATO CONFIDENTIAL NATO CONFIDENTIEL	NATO SECRET	COSMIC TOP SECRET COSMIC TRÈS SECRET	PROTECTED PROTÉGÉ			CONFIDENTIAL	SECRET	TOP SECRET
											A	B	C			
Information / Assets Renseignements / Biens																
Production																
IT Media / Support TI																
IT Link / Lien électronique																

12. a) Is the description of the work contained within this SRCL PROTECTED and/or CLASSIFIED?

La description du travail visé par la présente LVERS est-elle de nature PROTÉGÉE et/ou CLASSIFIÉE?

☒ No
Non

☐ Yes
Oui

If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification".

Dans l'affirmative, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée « Classification de sécurité » au haut et au bas du formulaire.

12. 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?

☒ No
Non

☐ Yes
Oui

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, classifiez 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 jointes).

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PART D - AUTHORIZATION / PARTIE D - AUTORISATION

13. Organization Project Authority / Chargé de projet de l'organisme

Name (print) - Nom (en lettres moulées) Raphael Plourde, Sgt	Title - Titre Metal Shop Supervisor	Signature PLOURDE, RAPHAEL 647? Digitally signed by PLOURDE, RAPHAEL 647 Date: 2020.06.03 14:56:29 -04'00'	
Telephone No. - N° de téléphone 613-392-2811 x 7301	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel raphael.plourde@forces.gc.ca	Date 3 June 2020

14. Organization Security Authority / Responsable de la sécurité de l'organisme

Name (print) - Nom (en lettres moulées) Sasa Medjovic	Title - Titre Senior security analyst	Signature MEDJOVIC, SASHA 234 Digitally signed by MEDJOVIC, SASHA 234 DN: CN = MEDJOVIC, SASHA 234, O = PWGSC, OU = PWGSC, EMAIL = MEDJOVIC, SASHA 234 Reason: I am approving this document Location: your signing location here Date: 2020.06.03 14:49:22 First Password: version 9.7.1	
Telephone No. - N° de téléphone 613-996-0286	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel sasa.medjovic@forces.gc.ca	Date

15. Are there additional instructions (e.g. Security Guide, Security Classification Guide) attached?
Des instructions supplémentaires (p. ex. Guide de sécurité, Guide de classification de la sécurité) sont-elles jointes?

☐ No ☐ Yes
☐ Non ☐ Oui

16. Procurement Officer / Agent d'approvisionnement

Name (print) - Nom (en lettres moulées) Abela, Aaron	Title - Titre Digitally signed by: Abela, Aaron DN: CN = Abela, Aaron C = CA O = GC OU = PWGSC, TPSCG Date: 2020.10.08 13:44:40 -04'00'	Signature	
Telephone No. - N° de téléphone	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel	Date

Name (print) - Nom (en lettres moulées) Kelly Mureta Contract Security Officer Tel: 613-941-0441 kelly.mureta@tpsgc-pwgsc.gc.ca	Title - Titre Contract Security Officer	Signature Mureta, Kelly Digitally signed by Mureta, Kelly Date: 2020.06.24 13:38:45 -04'00'	
Telephone No. - N° de téléphone	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel	Date

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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)

ANNEX "E" to PART 4 OF THE BID SOLICITATION

MANDATORY EVALUATION CRITERIA

The bid must meet the mandatory technical criteria specified below. Bidders must provide the necessary documentation to support compliance with this requirement.

Bids that fail to meet the mandatory technical criteria will be declared nonresponsive. Each mandatory technical criterion should be addressed separately.

Bidders must propose products meeting all mandatory technical specifications and components.

The contractor must meet or exceed the following specifications for the CNC Electric Press Brakes:

Mandatory Technical Specifications and Components		Specifications and Components Offered	Title, Page and/or Line in the Technical Documents
M.1	Capacity: 40 US tons		
M.2	(CNC) Electric Press Brakes Machine Dimensions must be within the following: Length: 66" – 84" Width: 50" – 62"		
M.3	Motor Capacity: no less than 20 horse power (HP)		
M.4	Bending Length of the (CNC) Electric Press Brakes must be: 40" minimum to 62" maximum		
M.5	Stroke length: 7.9" minimum Stroke repeatability: +/- 0.0005 maximum		
M.6	Throat (depth of gap): 6" – 8"		
M.7	Distance between housing: 36" minimum to 60" maximum		
M.8	Clamping System: must be designed to receive American Standard Tooling <ul style="list-style-type: none">- Top beam manual/electric/hydraulic clamping for sectionalized tolling (smallest tool section of 0.5")- Bed manual/electric/hydraulic clamping for sectionalized tolling (smallest tool section of 0.5")		
M.9	Back Gauge: no less than 5-axis independent finger back gauge <ul style="list-style-type: none">- Front to back positioning range (X axis) 0" minimum to 48" maximum- Positioning accuracy: +/- 0.0002" maximum		
M.10	Positioning repeatability: +/- 0.002" max		

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M.11	The (CNC) Electric Press Brakes Controls must have: <ul style="list-style-type: none">- Movable control console- No less than 15" Colour Display- Provide a standalone computer for offline programming pre-loaded with press brake operating software- Software:<ul style="list-style-type: none">• Compatible with DFX format at minimum.• Capable to import 2D and/or 3D models		
M.12	Laser or Optical Safety System		

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ANNEX "F" to PART 5 OF THE BID SOLICITATION

ADDITIONAL CERTIFICATIONS

1. Board of Directors

In accordance with Part 5 - Certifications and Additional Information, Article 5.2(a), Integrity Provisions – List of Names, Bidders are required to provide a complete list of names of all individuals who are currently directors of the Bidder before contract award. Bidders are requested to provide this information in their bid.

Director Name - _____ Title: _____

Director Name - _____ Title: _____

Director Name - _____ Title: _____

Director Name - _____ Title: _____

Director Name - _____ Title: _____

Director Name - _____ Title: _____

Director Name - _____ Title: _____

Director Name - _____ Title: _____

2. Procurement Business Number (PBN)

Suppliers are required to have a Procurement Business Number (PBN) before contract award. Bidders are requested to provide their PBN with their bid.

Procurement Business Number: _____

Suppliers may register for a PBN online at Supplier Registration Information. For non-Internet registration, suppliers may contact the InfoLine at 1-800-811-1148 to obtain the telephone number of the nearest Supplier Registration Agent.