

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
PWGSC/TPSGC Acquisitions
1045 Main Street
1st Floor, Lobby C
Unit 108
Moncton, NB E1C 1H1
Bid Fax: (506) 851-6759

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 Hydraulic Press Brake	
Solicitation No. - N° de l'invitation W0105-141502/A	Date 2013-12-05
Client Reference No. - N° de référence du client W0105-141502	
GETS Reference No. - N° de référence de SEAG PW-\$MCT-015-4747	
File No. - N° de dossier MCT-3-36077 (015)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2014-01-15	
Time Zone Fuseau horaire Atlantic Standard Time AST	
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: Drisdelle, Charlotte J.	Buyer Id - Id de l'acheteur mct015
Telephone No. - N° de téléphone (506) 851-6948 ()	FAX No. - N° de FAX (506) 851-6759
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF NATIONAL DEFENCE Base Maintenance Bldg K-4 5CDSG Gagetown OROMOCTO New Brunswick E2V4J5 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

NB / PEI Division - Moncton Acquisitions Office
1045 Main Street
1st Floor, Lobby C
Unit 108
Moncton, NB E1C 1H1

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. Security Requirement

There is no security requirement associated with this bid solicitation.

2. Requirement

The requirement is detailed under Article 2 of the resulting contract clauses.

(Derived from - Provenant de: B4008T, 2006/06/16)

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 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 (2013/06/01)** Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the 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.

Due to the nature of the bid solicitation, bids **transmitted by electronic mail** to PWGSC **will not be accepted**.

2.1 Improvement of Requirement During Solicitation Period

Should bidders consider that the specifications or Statement of Work contained in the bid solicitation could be improved technically or technologically, bidders are invited to make suggestions, in writing, to

the Contracting Authority named in the bid solicitation. Bidders must clearly outline the suggested improvement as well as the reason for the suggestion. Suggestions that do not restrict the level of competition nor favour a particular bidder will be given consideration provided they are submitted to the Contracting Authority at least seven (7) days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

(Derived from - Provenant de: A9076T, 2007/05/25)

3. Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority **no later than seven (7) calendar days before the bid closing date.** Enquiries received after that time may not be answered.

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

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 sections as follows:

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

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

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

Section I: Technical Bid

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

The complete specifications and/or descriptive literature should be submitted with the proposal but may be submitted afterwards. If the complete specifications and/or descriptive literature are not submitted as requested, the Contracting Authority will so inform the Bidder and provide the Bidder with a time frame within which to meet this 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.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the **Basis of Payment at Annex "C"**. The total amount of Applicable Taxes must be shown separately.

1.1 Exchange Rate Fluctuation

C3011T (2013/11/06), 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

Mandatory Technical Criteria as specified in Annex B.

1.2 Financial Evaluation

SACC Manual Clause A0220T (2013/04/25), Evaluation of Price

2. Basis of Selection

SACC Reference	Section	Date
A0031T	Basis of Selection - Mandatory Technical Criteria	2010/08/16

PART 5 - CERTIFICATIONS

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

The certifications provided by bidders to Canada are subject to verification by Canada at all times. 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 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 with this request will also render the bid non-responsive or will constitute a default under the Contract.

1. Mandatory Certifications Required Precedent to Contract Award

1.1 Code of Conduct and Certifications - Related documentation

By submitting a bid, the Bidder certifies that the Bidder and its affiliates are in compliance with the provisions as stated in Section 01 Code of Conduct and Certifications - Bid of Standard Instructions 2003. The related documentation therein required will assist Canada in confirming that the certifications are true.

1.2 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](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)" list (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) available from [Human Resources and Skills Development Canada \(HRSDC\) - Labour's website](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml).

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

1. Security Requirement

There is no security requirement applicable to this Contract.

2. Requirement

The Contractor must provide the items detailed under the **Requirement at Annex B in compliance with Annex A.**

(Derived from - Provenant de: B4008C, 2006/06/16)

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>) issued by Public Works and Government Services Canada.

3.1 General Conditions

2010A (2013/04/25), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

4. Term of Contract

4.1 Delivery Date

The delivery of goods, installation and commissioning, in compliance with Annexes A and B, is requested by March 17, 2014 but MUST be completed no later than by March 31, 2014.

5. Authorities

5.1 Contracting Authority

The Contracting Authority for the Contract is:

Charlotte Drisdelle

Supply Officer

Public Works and Government Services Canada

Acquisitions Branch

Solicitation No. - N° de l'invitation

W0105-141502/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

mct015

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

W0105-141502

File No. - N° du dossier

MCT-3-36077

CCC No./N° CCC - FMS No/ N° VME

1045 Main Street, 3rd Floor
Moncton, NB E1C 1H1

Telephone: 506-851-6348

Facsimile: 506-851-6759

E-Mail: Charlotte.Driscelle@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: ***will be identified at contract award***

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.

5.3 Contractor's Representative ***Bidders are to provide the following information:***

Name: _____

Telephone: _____

Facsimile: _____

E-mail address: _____

6. Payment

6.1 Basis of Payment - Firm Price, Firm Unit Price(s) or Firm Lot Price(s)

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm lot price, as specified in Annexes A and 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.

(Derived from - Provenant de: C0207C, 2013/04/25)

6.2 Limitation of Price

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

6.3 Terms of 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 one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.

(Derived from - Provenant de: H5001C, 2008/12/12)

8. Certifications

8.1 Compliance

Compliance with the certifications and related documentation 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, provide the related documentation or if 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 **New Brunswick**.

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 (2013/04/25), General Conditions - Goods (Medium Complexity);
- (c) Annex A, Statement of Requirement;
- (d) Annexes B, Mandatory Technical Specifications, Features and Requirements;
- (e) Annex C, Basis of Payment
- (f) the Contractor's bid dated _____

11. SACC Manual Clauses

SACC Reference	Section	Date
A9039C	Salvage	2008/05/12
A9062C	Canadian Forces Site Regulations	2011/05/16
B1501C	Electrical Equipment	2006/06/16
B7500C	Excess Goods	2006/06/06
D0018C	Delivery and Unloading	2007/11/30
G1005C	Insurance	2008/05/12

12. Shipping Instructions - Delivery at Destination

Goods must be consigned to the destination specified in the Contract and Delivered Duty Paid (DDP) **Building K-4, CFB Gagetown, Oromocto, New Brunswick**, Incoterms 2000.

(Derived from - Provenant de: D4001C, 2008/12/12)

W0105-141502/A

Annex "A" - Statement of Requirement (SOR)

For the supply, delivery, installation and commissioning of one **Hydraulic Press Brake** to Department of National Defence, Building K-4 at CFB Gagetown in Oromocto, New Brunswick in compliance with this Annex "A" and the Mandatory Technical Specifications, Features and Requirements listed in Annex "B".

The Contractor must supply all labour, materials and costs required to install and commission the unit to meet the manufacturer's specifications. DND personnel will be responsible to put the unit into position after delivery.

At all times the Contractor shall conform to all national building codes, workplace health and safety codes.

ANNEX "B" - W0105-141502/A - Mandatory Technical Specifications, Features and Requirements

REQUIREMENT: For the supply, delivery, installation and commissioning of one Hydraulic Press Brake.
Compact 3108 x 160 (3 AXIS) (176 tons x 10') as per the Mandatory Technical Specifications, Features and Requirements:

MANDATORY REQUIREMENTS:

At the date of bid closing, bids MUST meet the mandatory requirements specified herein. The complete specifications and/or descriptive literature **should be submitted with the proposal** but may be submitted afterwards. If the complete specifications and/or descriptive literature are not submitted as requested, the Contracting Authority will so inform the Bidder and provide the Bidder with a time frame within which to meet this 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.

Any proposal which fails to meet all mandatory specifications will be deemed non-responsive.

Each requirement should be addressed separately.

Any deviations MUST be approved, in writing, PRIOR to bid closing by the Contracting Authority. Questions will be answered with an amendment to the solicitation and posted on GETS (Government Electronic Tendering Service).

	<u>Mandatory Technical Specifications, Features and Requirements:</u>	Comply Yes or No	Supplier Comments	Supplier's Cross Reference to Technical Offer (page #)	FOR DND's TECHNICAL EVALUATION PURPOSES ONLY	
					MET / not MET	COMMENTS
1	Bending Capacity Tons 176 minimum 185 maximum					
2	Overall Bend Length 10'2" minimum 12' maximum					

<u>Mandatory Technical Specifications, Features and Requirements:</u>		Comply Yes or No	Supplier Comments	Supplier's Cross Reference to Technical Offer (page #)	FOR DND's TECHNICAL EVALUATION PURPOSES ONLY	
					MET / not MET	COMMENTS
3	Distance Between Side Housings 8'4" minimum 10' maximum					
4	Open Height above bed 20.8 " minimum 30" maximum					
5	Stroke Length 10.236 " minimum					
6	Closed Height 10.6" minimum					
7	Width of Bed 2.362" minimum 4" maximum					
8	<u>Speed:</u> Advance 378"/minimum Pressing (Variable) 23.6"/minimum Return 307"/minimum					
9	Throat Depth 16.141" minimum 18" maximum					
10	Bed Height Above Floor MUST be 35"					
11	Bed Projection Below Floor MUST be 0"					
12	Motor HP 19.5 HP minimum 25 HP maximum					

<u>Mandatory Technical Specifications, Features and Requirements:</u>		Comply Yes or No	Supplier Comments	Supplier's Cross Reference to Technical Offer (page #)	FOR DND's TECHNICAL EVALUATION PURPOSES ONLY	
					MET / not MET	COMMENTS
13	Oil Tank Capacity 46 Gallons minimum 50 gallons maximum					
14	Machine Height 114.370" minimum 132.00" maximum					
15	Machine front to back dimension 70" minimum 80" maximum					
16	Machine weight 25,000 lbs maximum					
17	Electrics 600/3/60					
18	Welded, mono block steel frame for minimum deflection under load;					
19	Y1 Y2 Dual cylinder down stroking machine with +/- .0004" repeatability;					
20	One piece forged cylinders precision machined and honed for high accuracy;					
21	Cylinders are keyed interlocked and bolted to side frame for zero backlash;					

	<u>Mandatory Technical Specifications, Features and Requirements:</u>	Comply Yes or No	Supplier Comments	Supplier's Cross Reference to Technical Offer (page #)	FOR DND's TECHNICAL EVALUATION PURPOSES ONLY	
					MET / not MET	COMMENTS
22	Bed referenced, precision linear scales assure accurate ram position measurement with repeatability of +/- .0004"					
23	"False Frame" Mounted Linear Encoders to ensure frame deflection does not affect Ram position accuracy.					
24	Cartridge valves are mounted in a single, steel manifold block to reduce heat and wear. The simplicity and reduction of pipe connections minimize leaks;					
25	Full flow, full pressure in-line filter attached to pump ensures optimum oil cleanliness and trouble free operation of all hydraulic components;					
26	Electrically interlocked, swing away throat guards with space for mounting most brands of safety light guards;					
27	Electrically interlocked , rear sliding door prevents access to back area;					

<u>Mandatory Technical Specifications, Features and Requirements:</u>		Comply Yes or No	Supplier Comments	Supplier's Cross Reference to Technical Offer (page #)	FOR DND's TECHNICAL EVALUATION PURPOSES ONLY	
					MET / not MET	COMMENTS
28	American/European top tool holders with side to side adjustable wedges;					
29	Wired electrical box with ventilation;					
30	Baykal EC4 CNC controller with easy fill in the blank programming;					
31	29.5" (750mm) + 9.8" (250mm) XR AC Servo driven back gauge with two finger assemblies;					
32	Y1, Y2, and X					
33	Set of heavy duty flip finger assemblies with manual R axis adjustment;					
34	Set of front support arms, mounted on a linear guide, running the entire bed length. A hand wheel driven acme screw running thru a brass nut, provides vertical adjustment. Flip stops (2) are to be provided for front gauging.					
35	Full length, segmented, precision ground, goose neck, upper tool (punch);					

	<u>Mandatory Technical Specifications, Features and Requirements:</u>	Comply Yes or No	Supplier Comments	Supplier's Cross Reference to Technical Offer (page #)	FOR DND's TECHNICAL EVALUATION PURPOSES ONLY	
					MET / not MET	COMMENTS
36	Full length, pre-hardened, 4 position die with multiple Vee openings;					
37	Wheeled floor stand with dual foot pedals & "E" stop;					
	CNC CONTROL SYSTEM					
38	The Baykai EC4 CNC servo control is mounted on a precision machined swing away pendant arm. This control must be user friendly and easy to program. The control must have the capability of up to 4 axes.					
	Mandatory Key Features are as follows:					
39	User memory for more than 7,000 part programs with flash disk;					
40	Color Screen with 2D programming;					

<u>Mandatory Technical Specifications, Features and Requirements:</u>		Comply Yes or No	Supplier Comments	Supplier's Cross Reference to Technical Offer (page #)	FOR DND's TECHNICAL EVALUATION PURPOSES ONLY	
					MET / not MET	COMMENTS
41	Automatic tonnage calculation and pressure regulation;					
42	DIN automatic bend allowance calculation;					
43	Extra page for specifying tooling, material properties, and stock count;					
44	Push button page for gaining access to quick and easy programming;					
45	Control functions for axes of Y1, Y2, X, and R axis;					
46	Automatic calculation and regulation of (Optional) bed crowning unit;					
47	Safety PLC communication Pilz;					
48	Off-line programming supplied for a standard PC;					
49	Calculation of Bending and crowning tonnage;					

	<u>Mandatory Technical Specifications, Features and Requirements:</u>	Comply Yes or No	Supplier Comments	Supplier's Cross Reference to Technical Offer (page #)	FOR DND's TECHNICAL EVALUATION PURPOSES ONLY	
					MET / not MET	COMMENTS
50	Pinch retract feature to allow gauge bar to move backward allowing the operator time to manipulate the work piece prior to the gauge bar advancing forward;					
51	Interactive 2-D graphic editor for tool library data entry;					
52	Customizable alarm messages;					
53	USB port for program storage and software communication;					
54	1 serial RS232 communication port;					
	BACKGAUGE SYSTEM XR					
55	Machines must be of exceptional quality, one or two axis back-gauge, manufactured out of heavy section tubular steel. The dual, back gauge drives are mounted directly to the side frames for rigid stability and are driven by one (1), High torque, AC servo motor. A geared belt to provide a smooth, quiet transmission of power to each of the two precision ball screws.					

	<u>Mandatory Technical Specifications, Features and Requirements:</u>	Comply Yes or No	Supplier Comments	Supplier's Cross Reference to Technical Offer (page #)	FOR DND's TECHNICAL EVALUATION PURPOSES ONLY	
					MET / not MET	COMMENTS
56	RAM of the Machine: The ram tool holders with wedges for putting the variety of tools that are available in the market place.					
57	BED of the Machine: The bed of APHS Compact is equipped with a two front support arms, on linear rails for full movement right to left at the front of the machine. This provides the operator support during the bending operation.					
58	TOOLING: Machines must be equipped with a starter tools set. To consists of an upper gooseneck 85° sectioned, induction-hardened, and ground punch; and a bottom Multi-Vee full length tool.					
59	HYDRAULICS: The hydraulic tank must have a large capacity and manufactured from 5/16 inch thick plate (8mm). Piloted, high capacity pre-fill valves top of each piston. Cartridge valves mounted in a single steel manifold block. Sensor monitors, to monitor flow pressure in the cartridge type oil filter. Filter replacement indicator.					

	<u>Mandatory Technical Specifications, Features and Requirements:</u>	Comply Yes or No	Supplier Comments	Supplier's Cross Reference to Technical Offer (page #)	FOR DND's TECHNICAL EVALUATION PURPOSES ONLY	
					MET / not MET	COMMENTS
	SAFETY:					
60	Baykal Press brakes must conform to all current ANSI national codes;					
61	Must be accredited by ISO 9001 certification;					
62	All products must be CE certified and CSA Z142-10 Compliant;					
63	Machine must be fully equipped with a double footswitch console, To Include a footswitch, two hand control, and an emergency stop button;					
64	The machine must be equipped with electrically interlocked side and rear guards for optimum protection and a FIESSLER AKAS laser beam light guard system.					

	<u>Mandatory Technical Specifications, Features and Requirements:</u>	Comply Yes or No	Supplier Comments	Supplier's Cross Reference to Technical Offer (page #)	FOR DND's TECHNICAL EVALUATION PURPOSES ONLY	
					MET / not MET	COMMENTS
	ELECTRICAL:					
65	The electrical box must be compact and have ventilation to prevent heat build up;					
66	All servo amplifiers, Pilz PLC, Motor controls, Fuses, Main electrical disconnect, etc, must be located in a spacious enclosure and easy accessible;					
67	All Electrics must be CSA Approved by Authorized Agency;					
	Hydraulic Press Brake MUST include the following equipment:					
68	FISSLER AKAS Laser beam Guarding System;					
69	2 Dimensional Graphical off-line Software;					
70	C.S.A. Electrical Approval by Authorized Agency;					

<u>Mandatory Technical Specifications, Features and Requirements:</u>		Comply Yes or No	Supplier Comments	Supplier's Cross Reference to Technical Offer (page #)	FOR DND's TECHNICAL EVALUATION PURPOSES ONLY	
					MET / not MET	COMMENTS
71	Mechanical wedge crowning;					
72	Manual hand crowning;					
73	Automatic CNC crowning;					
74	Quick Release clamping for European tooling;					
75	'X-R' Back-gauge (X=750mm R=250mm);					
76	Extra back-gauge finger stop X-axis;					
77	Extra back-gauge finger stop X-R axis;					
78	Extra Linear front arm.					

	<u>Mandatory Technical Specifications, Features and Requirements:</u>	Comply Yes or No	Supplier Comments	Supplier's Cross Reference to Technical Offer (page #)	FOR DND's TECHNICAL EVALUATION PURPOSES ONLY	
					MET / not MET	COMMENTS
	WARRANTY					
79	Warranty MUST have a minimum of One year (12) months from date of delivery or operational hours (whichever comes first).					
80	Warranty must include the repair and/or replacement of the parts, which should present defect due to bad quality of the material, production or working defect or improper installation and commissioning by the Contractor.					
81	DELIVERY: The delivery of goods, installation and commissioning is requested by <u>March 17, 2014</u> but MUST be completed no later than by March 31, 2014.					

ANNEX C
BASIS OF PAYMENT

Item No.	Description	Manufacturer Brand Name and Model Number Offered	Unit of Issue	Quantity	Unit Price (taxes excluded)
1	Hydraulic Press Brake as per the Mandatory Technical Specifications, Features and Requirements listed at Annexes "A" and "B".		Each	1	\$ _____

Unit prices must include delivery, installation and commissioning at Building K-4 at CFB Gagetown in Oromocto, New Brunswick in compliance with Annexes A and B.