

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

REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION

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

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

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

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

Comments - Commentaires

Title - Sujet HYDRAULIC PRESS BRAKE	
Solicitation No. - N° de l'invitation W355B-141418/A	Date 2013-09-19
Client Reference No. - N° de référence du client W355B-14-1418	
GETS Reference No. - N° de référence de SEAG PW-\$HAL-409-9078	
File No. - N° de dossier HAL-3-71082 (409)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-10-31	
Time Zone Fuseau horaire Atlantic Daylight Saving Time ADT	
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: Taylor, Kathie	Buyer Id - Id de l'acheteur hal409
Telephone No. - N° de téléphone (902) 496-5510 ()	FAX No. - N° de FAX (902) 496-5016
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF NATIONAL DEFENCE FMF CAPE SCOTT, 7 HD WAREHOUSE BLDG. D-200, DOOR 1 TO 13, HFX DKYD HALIFAX NOVA SCOTIA B3K 5X5 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

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

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

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

TABLE OF CONTENTS

PART 1 - GENERAL INFORMATION

1. Security Requirement
2. Statement of Requirement
3. Debriefings

PART 2 - BIDDER INSTRUCTIONS

1. Standard Instructions, Clauses and Conditions
2. Submission of Bids
3. Enquiries - Bid Solicitation
4. Applicable Laws

PART 3 - BID PREPARATION INSTRUCTIONS

1. Bid Preparation Instructions

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures
2. Basis of Selection

PART 5 - CERTIFICATIONS

1. Mandatory Certifications Required Precedent to Contract Award
2. Additional Certifications Precedent to Contract Award

PART 6 - RESULTING CONTRACT CLAUSES

1. Security Requirement
2. Statement of Requirement
3. Standard Clauses and Conditions
4. Term of Contract
5. Authorities
6. Payment
7. Invoicing Instructions
8. Certifications
9. Applicable Laws
10. Priority of Documents
11. SACC Manual Clauses

List of Annexes:

- Annex A: Statement of Requirement
Annex B: Basis of Payment

PART 1 - GENERAL INFORMATION

1. Security Requirement

There is no security requirement associated with this bid solicitation.

2. Requirement

DND - FMF Cape Scott, Halifax, NS, has a requirement for the supply, installation, start up and training of three (3) Hydraulic Press Brakes, as fully detailed in Annex A.

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.

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 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.

5. Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Nova Scotia. Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified

are acceptable to the bidders.

PART 3 - BID PREPARATION INSTRUCTIONS

1. Bid Preparation Instructions

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

Section I: Technical Bid (two hard copies)

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 and the hard copy, the wording of the hard copy will have priority over the wording of the soft 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>). 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. The total amount of Applicable Taxes must be shown separately.

1.1 Exchange Rate Fluctuation

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

Section III: Certifications

Bidders must submit the certifications required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures

(a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.

(b) An evaluation team composed of representatives of Canada will evaluate the bids.

1.1 Technical Evaluation

1.1.1 Mandatory Technical Criteria - as fully detailed in Annex A

1.2 Financial Evaluation

The price of the bid will be evaluated in Canadian dollars, the Goods and Services Tax or the Harmonized Sales Tax excluded, FOB destination, Canadian customs duties and excise taxes included.

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.

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' 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" 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. 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 " 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 "A".

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.

Solicitation No. - N° de l'invitation

W355B-141418/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

ha1409

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

W355B-14-1418

File No. - N° du dossier

HAL-3-71082

CCC No./N° CCC - FMS No/ N° VME

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

All the deliverables must be received on or before 2014-03-31.

5. Authorities

5.1 Contracting Authority

The Contracting Authority for the Contract is:

Kathie Taylor
Supply Officer
Public Works and Government Services Canada
1713 Bedford Row
Halifax, NS B3J 1T3
Telephone: (902) 496-5510
Facsimile: (902) 496-5016
E-mail address: kathie.taylor@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.

5.2 Project Authority

The Project Authority for the Contract is: (to be completed 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

Name: _____
Title: _____
Organization: _____

Solicitation No. - N° de l'invitation

W355B-141418/A

Amd. No. - N° de la modif.

File No. - N° du dossier

HAL-3-71082

Buyer ID - Id de l'acheteur

ha1409

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

W355B-14-1418

CCC No./N° CCC - FMS No/ N° VME

Address: _____

Telephone : _____

Facsimile: _____

E-mail address: _____

6. Payment

6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a "firm price" as specified in line item details for a cost of \$ _____. Customs duties are included and Goods 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.

6.2 Limitation of Price

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

6.3 Method of Payment

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

7. Invoicing Instructions

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.

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.

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 Nova Scotia.

10. Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the

Solicitation No. - N° de l'invitation

W355B-141418/A

Amd. No. - N° de la modif.

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ha1409

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

W355B-14-1418

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HAL-3-71082

CCC No./N° CCC - FMS No/ N° VME

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 Goods Medium Complexity (2013-04-25);
- (c) Annex A, Requirement;
- (d) the Contractor's bid dated _____ (*insert date of bid*)

11. SACC Manual Clauses

G1005C - Insurance Requirements (2008-05-12)

B1501C - Electrical Equipment (2006-06-16)

Delivery:

Delivery is Delivered Duty Paid (DDP) Incoterms 2000. The contractor is responsible for all delivery charges, administration, costs and risks of transport and customs clearance, including the payment of customs duties and taxes to the destination.

Annex A Requirement

The Department of National Defence has a requirement for the supply, installation, start-up and training of the following machines in Fleet Maintenance Facility Cape Scott (FMFCS) D-200 located in Halifax, Nova Scotia:

(A) Sheet Metal Shop D-200. Requires Two (2) 10 foot Hydraulic Press Brakes, Maximum adjustable bending capacity set at 143 U.S. ton each per unit. Each unit is to be identical in manufacturer, tooling, electrical components, and specifications.

(B) Plate Shop D-200. Requires One (1) 10 foot Hydraulic Press Brake, Maximum adjustable bending capacity set at 143 U.S. ton per unit. This unit must also be identical in manufacturer and specifications.

Delivery of all 3 machines is mandatory on or before March 31 2014. If delivery cannot be met, the contract will be terminated.

Bidders are requested to provide cross-reference below to identify the page(s) where each mandatory minimum specification can be demonstrated in their technical documentation provided with bid.

Mandatory Minimum Requirements:

I. Supply and Install the following:

(A) Sheet Metal Shop D-200

Supply and install Two (2) 10-foot Hydraulic Press Brakes with the following requirements.

1.0 MACHINE SPECIFICATIONS as Per Unit:

A.) Working Capacities per unit:	COMPLIANT - YES/NO Cross-Reference Page #
1.0) Minimum bending length: Length...120 inches	_____
2.0) Minimum adjustable tonnage per unit 143 U.S. Ton	_____
3.0) Power requirements: 64 Amps at 200 volts / 3 phase	_____

- 4.0) Maximum machine weight each
30,000 lbs _____
- 5.0) CNC Controlled hydraulic cylinders _____
- 6.0) Touch Screen Input method _____
- 7.0) Units must have ability to store and retain data
information. _____
- 8.0) Maximum overall dimensions:
Length... 147" _____
Height... 117" _____
Width... 64" _____
- 9.0) Minimum stroke length 7 inches _____
- 10.0) Minimum open height (Without punch holders)
18 inches _____
- 11.0) Minimum Throat depth measurement 15 inches _____
- 12.0) Must have a down acting hydraulic system. _____
- 13.0) Minimum 15 inch color liquid
crystal touch screen monitor. _____
- 14.0) Units must have foot pedal actuation. _____
- 15.0) Units must have multiple axis back gauge. _____
- 16.0) Seat and secure of punches to be controlled by
one electrical switch. _____
- 17.0) Each unit to have a bend Indicator that is used to
maintain bending accuracy. This devise must be
adjustable and removable from the machine. _____
- 18.0) Each unit to be equipped with a laser beam safety
devise to project a beam across the working area
of the brake. _____

2.0 ACCESSORIES :

NOTE: All standard equipment and accessories required shall be completely compatible with each other. Punches and dies are to comply with Rockwell "C" hardness.

The following accessories are for 120mm punches for the two ten foot (10') hydraulic press brakes that are required for the Sheet Metal Shop and shall accompany the new units at initial start-up with the following specifications for:

(A) Sheet Metal Shop D-200

** Measurements are in Imperial and/or metric. No variations will be accepted.

** Sectionalized length of 120mm punches to be a minimum 10mm long to a maximum 100mm in length and compatible with the unit.

Tool Punches	Quantity	Angle	Length	Height	Tons per foot	Tip Radius
Standard	8 (Eight)	86°	32.87" (837mm) Solid	4.724"	30	0.008"(.2mm)
Standard	2 (two)	86°	16.34" (415mm) Solid	4.724"	30	0.008"(.2mm)
Standard	2 (two)	86°	Left and Right ear set 3.94" (100mm)	4.724"	12	0.008"(.2mm)
Standard	2 (two)	86°	Sectionalized 14.57" (370 mm)	4.724"	30	0.008"(.2mm)
Standard	2 (two)	86°	7.87" (200mm) Solid	4.724"	30	0.024"(.6mm)
Gooseneck	8 (Eight)	86°	32.87" (837mm) Solid	4.724"	30	0.008"(.2mm)
Gooseneck	2 (two)	86°	16.34" (415mm) Solid	4.724"	30	0.008"(.2mm)
Gooseneck	2 (two)	86°	Sectionalized 14.57" (370 mm)	4.724"	14	0.008"(.2mm)
Gooseneck	2 (two)	86°	Left and Right ear set 3.94" (100mm)	4.724"	12	0.008"(.2mm)
Gooseneck	2 (two)	86°	7.87" (200mm) Solid	4.724"	30	0.024"(.6mm)
Sash Punch	8 (Eight)	86°	32.87" (837mm) Solid	4.724"	15	0.008"(.2mm)
Sash Punch	2 (two)	86°	16.34" (415mm) Solid	4.724"	15	0.008"(.2mm)
Sash Punch	2 (two)	86°	Left and Right ear set 3.94" (100mm)	4.724"	7	0.008"(.2mm)
Sash Punch	2 (two)	86°	Sectionalized 14.57" (370 mm)	4.724"	9	0.008"(.2mm)
Sash Punch	2 (two)	86°	7.87" (200mm) Solid	4.724"	30	0.024"(.6mm)

)
Burring	8 (Eight)	86°	32.87" (837mm) Solid	4.724"	15	0.008"(.2mm)
Burring	2 (two)	86°	16.34" (415mm) Solid	4.724"	15	0.008"(.2mm)
Burring	2 (two)	86°	Left and Right ear set 3.94" (100mm)	4.724"	7	0.008"(.2mm)
Burring	2 (two)	86°	Sectionalized 14.57" (370 mm)	4.724"	9	0.008"(.2mm)
Burring	2 (two)	86°	7.87" (200mm) Solid	4.724"	30	0.024"(.6mm)
Acute	8 (Eight)	30°	32.87" (837mm) Solid	4.724"	15	0.008"(.2mm)
Acute	2 (two)	30°	16.34" (415mm) Solid	4.724"	15	0.008"(.2mm)
Acute	2 (two)	30°	Left and Right ear set 3.94" (100mm)	4.724"	7	0.008"(.2mm)
Acute	2 (two)	30°	Sectionalized 14.57" (370 mm)	4.724"	9	0.008"(.2mm)
Acute	2 (two)	30°	7.87" (200mm) Solid	4.724"	30	0.024"(.6mm)
HeavyDuty	8 (Eight)	84°	32.87" (837mm) Solid	4.724"	30	0.118" (3mm)
HeavyDuty	2 (two)	84°	16.34" (415mm) Solid	4.724"	30	0.118" (3mm)
HeavyDuty	2 (two)	84°	Sectionalized 14.57" (370 mm)	4.724"	14	0.118" (3mm)

The following accessories are for 60mm 1-V Dies and hemming Dies for the two ten foot (10') hydraulic press brakes that are required for the Sheet Metal Shop and shall accompany the new units at initial start-up with the following specifications for:

(A) Sheet Metal Shop D-200

** Measurements are in Imperial and/or metric. No variations will be accepted.

** Sectionalized length of 1-V dies to be a minimum 10mm long to a maximum 100mm in length and compatible with the unit.

V-Opening size inch/mm	Quantity	Angle	Length	Height	Tons per foot	Tip Radius
.157" (4mm)	8 (Eight)	86°	32.87" (837mm) Solid	2.362"	26	R= .039"
.157" (4mm)	2 (two)	86°	16.34" (415mm) Solid	2.362"	26	R= .039"
.157" (4mm)	2 (two)	86°	7.87" (200mm) Solid	2.362"	26	R= .039"
.157" (4mm)	2 (two)	86°	Sectionalized 14.57" (370 mm)	2.362"	26	R= .039"
.197" (5mm)	8 (Eight)	86°	32.87" (837mm) Solid	2.362"	26	R= .039"
.197" (5mm)	2 (two)	86°	16.34" (415mm) Solid	2.362"	26	R= .039"
.197" (5mm)	2 (two)	86°	7.87" (200mm) Solid	2.362"	26	R= .039"

W355B-141418/A

hal409

W355B-14-1418

HAL-3-71082

.197"(5mm)	2 (two)	86°	Sectionalized 14.57" (370 mm)	2.362"	26	R= .039"
.236"(6mm)	8 (Eight)	86°	32.87" (837mm) Solid	2.362"	26	R= .039"
.236"(6mm)	2 (two)	86°	16.34" (415mm) Solid	2.362"	26	R= .039"
.236"(6mm)	2 (two)	86°	7.87" (200mm) Solid	2.362"	26	R= .039"
.236"(6mm)	2 (two)	86°	Sectionalized 14.57" (370 mm)	2.362"	26	R= .039"
.276" (6mm)	8 (Eight)	86°	32.87" (837mm) Solid	2.362"	26	R= .059"
.276" (6mm)	2 (two)	86°	16.34" (415mm) Solid	2.362"	26	R= .059"
.276" (6mm)	2 (two)	86°	7.87" (200mm) Solid	2.362"	26	R= .059"
.276" (6mm)	2 (two)	86°	Sectionalized 14.57" (370 mm)	2.362"	26	R= .059"
.315" (8mm)	8 (Eight)	86°	32.87" (837mm) Solid	2.362"	29	R= .059"
.315" (8mm)	2 (two)	86°	16.34" (415mm) Solid	2.362"	29	R= .059"
.315" (8mm)	2 (two)	86°	7.87" (200mm) Solid	2.362"	29	R= .059"
.315" (8mm)	2 (two)	86°	Sectionalized 14.57" (370 mm)	2.362"	29	R= .059"
.394"(10mm)	8 (Eight)	86°	32.87" (837mm) Solid	2.362"	30	R= .079"
.394"(10mm)	2 (two)	86°	16.34" (415mm) Solid	2.362"	30	R= .079"
.394"(10mm)	2 (two)	86°	7.87" (200mm) Solid	2.362"	30	R= .079"
.394"(10mm)	2 (two)	86°	Sectionalized 14.57" (370 mm)	2.362"	30	R= .079"
.472"(12mm)	8 (Eight)	86°	32.87" (837mm) Solid	2.362"	30	R= .098"
.472"(12mm)	2 (two)	86°	16.34" (415mm) Solid	2.362"	30	R= .098"
.472"(12mm)	2 (two)	86°	7.87" (200mm) Solid	2.362"	30	R= .098"
.472"(12mm)	2 (two)	86°	Sectionalized 14.57" (370 mm)	2.362"	30	R= .098"
.551"(14mm)	8 (Eight)	86°	32.87" (837mm) Solid	2.362"	30	R= .098"
.551"(14mm)	2 (two)	86°	16.34" (415mm) Solid	2.362"	30	R= .098"
.551"(14mm)	2 (two)	86°	7.87" (200mm) Solid	2.362"	30	R= .098"
.551"(14mm)	2 (two)	86°	Sectionalized 14.57" (370 mm)	2.362"	30	R= .098"
.709"(18mm)	8 (Eight)	86°	32.87" (837mm) Solid	2.362"	30	R= .098"
.709"(18mm)	2 (two)	86°	16.34" (415mm) Solid	2.362"	30	R= .098"
.709"(18mm)	2 (two)	86°	7.87" (200mm) Solid	2.362"	30	R= .098"
.709"(18mm)	2 (two)	86°	Sectionalized 14.57" (370 mm)	2.362"	30	R= .098"
.984"(25mm)	8 (Eight)	86°	32.87" (837mm) Solid	2.362"	30	R= .118"
.984"(25mm)	2 (two)	86°	16.34" (415mm) Solid	2.362"	30	R= .118"
.984"(25mm)	2 (two)	86°	7.87" (200mm) Solid	2.362"	30	R= .118"
.984"(25mm)	2 (two)	86°	Sectionalized 14.57" (370 mm)	2.362"	30	R= .118"
.157"(4mm)	8 (Eight)	30°	32.87" (837mm) Solid	2.362"	5	R= .039"
.157"(4mm)	2 (two)	30°	16.34" (415mm) Solid	2.362"	5	R= .039"
.157"(4mm)	2 (two)	30°	7.87" (200mm) Solid	2.362"	5	R= .039"
.157"(4mm)	2 (two)	30°	Sectionalized 14.57" (370 mm)	2.362"	5	R= .039"
.472"(12mm)	8 (Eight)	30°	32.87" (837mm) Solid	2.362"	9	R= .098"
.472"(12mm)	2 (two)	30°	16.34" (415mm) Solid	2.362"	9	R= .098"
.472"(12mm)	2 (two)	30°	7.87" (200mm) Solid	2.362"	9	R= .098"
.472"(12mm)	2 (two)	30°	Sectionalized 14.57" (370 mm)	2.362"	9	R= .098"
1.26"(32mm)	8 (Eight)	84°	32.87" (837mm) Solid	2.362"	30	R= .157"
1.26"(32mm)	2 (two)	84°	16.34" (415mm) Solid	2.362"	30	R= .157"
1.26"(32mm)	2 (two)	84°	Sectionalized 14.57" (370 mm)	2.362"	30	R= .157"
1.575(40mm)	8 (Eight)	84°	32.87" (837mm) Solid	2.362"	30	R= .157"
1.575(40mm)	2 (two)	84°	16.34" (415mm) Solid	2.362"	30	R= .157"
1.575(40mm)	2 (two)	84°	Sectionalized 14.57" (370 mm)	2.362"	30	R= .157"

Solicitation No. - N° de l'invitation
W355B-141418/A

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

Buyer ID - Id de l'acheteur
hal409

Client Ref. No. - N° de réf. du client
W355B-14-1418

File No. - N° du dossier
HAL-3-71082

CCC No./N° CCC - FMS No/ N° VME

.236 (6mm)	8 (Eight)	30°	32.87" (837mm) Solid (Hem die)	3.307"	26	R= .039"
.236 (6mm)	2 (two)	30°	16.34" (415mm) Solid (Hem die)	3.307"	26	R= .039"

The following accessories are required and shall accompany the new units at initial start-up with the following specifications.

(A) Sheet Metal Shop D-200 **COMPLIANT - YES/NO**
Cross Reference Page #

1) An Adjustable angle gauge for 1-V dies to provide proof of bend angle being performed. Must be compatible with both ends of brake. **Quantity 2 (two)** _____

2) A Multi tool stacker for storage and securing of all punches and dies. Cabinet to be constructed of heavy duty material able to accommodate the total weight of accessories listed in this quote. **Quantity 2 (two)** _____

3) Front Table Gauge for 1-V Dies to stabilize small parts while being bent in the brake. **Quantity 2(two)** _____

II. Supply and Install the following:

(B) Plate Shop D-200

Supply and install One (1) 10 foot Hydraulic Press Brake with the following requirements. This brake must be of the same manufacturer as the other two units that are quoted.

1.0 MACHINE SPECIFICATIONS as Per Unit: **COMPLIANT - YES/NO**
Cross Reference Page #

A.) Working Capacities per unit:

1.0) Minimum bending length:
Length...120 inches _____

2.0) Minimum adjustable tonnage per unit
143 U.S. Ton _____

3.0) Power requirements:
64 Amps at 200 volts / 3 phase _____

4.0) Maximum machine weight each 30,000 lbs _____

-
- 5.0) CNC Controlled hydraulic cylinders. _____
- 6.0) Touch Screen Input method _____
- 7.0) 5.9 hp main hydraulic pump motor _____
- 8.0) Maximum overall dimensions:
 Length... 147" _____
 Height... 117" _____
 Width... 64" _____
- 9.0) Minimum stroke length 7 inches _____
- 10.0) Minimum open height (Without punch holders)
 18 inches _____
- 11.0) Minimum Throat depth measurement 15 inches _____
- 12.0) Must have a down acting hydraulic system. _____
- 13.0) Minimum 15 inch color liquid crystal touch
 screen monitor. _____
- 14.0) Must have Foot pedal actuation. _____
- 15.0) Must have multiple axis back gauge. _____
- 16.0) Seat and secure of punches to be controlled by
 one electrical switch. _____
- 17.0) Each unit to have a bend Indicator that is used to
 maintain bending accuracy. This devise must be
 adjustable from the length from the machine. _____
- 18.0) Each unit to be equipped with a laser beam safety
 devise to project a beam across the working area
 of the brake. _____

2.0 ACCESSORIES :

NOTE: All standard equipment and accessories required shall be completely compatible with each other. Punches and dies are to comply with Rockwell "C" hardness.

The following accessories are for 120mm punches for the Ten (10) foot hydraulic press brake that is required for the Plate Shop and shall accompany the new units at initial start-up with the following specifications.

(B) Plate Shop D-200

** Measurements are in Imperial and/or metric. No variations will be accepted.

** Sectionalized length of 120mm punches to be a minimum 10mm long to a maximum 100mm in length and compatible with the unit.

Tool Punches	Quantity	Angle	Length	Height	Tons per foot	Tip Radius
Standard	3(Three)	86°	32.87" (837mm) Solid	4.724"	30	0.008"(.2mm)
Standard	1 (one)	86°	16.34" (415mm) Solid	4.724"	30	0.008"(.2mm)
Standard	1 (one)	86°	Left and Right ear set 3.94" (100mm)	4.724"	12	0.008"(.2mm)
Standard	1 (one)	86°	Sectionalized 14.57" (370 mm)	4.724"	14	0.008"(.2mm)
Standard	1 (one)	86°	7.87" (200mm) Solid	4.724"	30	0.024"(.6mm)
Standard	3(Three)	86°	32.87" (837mm) Solid	4.724"	30	0.090" 2.3mm
Standard	1 (one)	86°	16.34" (415mm) Solid	4.724"	30	0.090" 2.3mm
Standard	1 (one)	86°	Left and Right ear set 3.94" (100mm)	4.724"	12	0.090" 2.3mm
Standard	1 (one)	86°	Sectionalized 14.57" (370 mm)	4.724"	14	0.090" 2.3mm
Gooseneck	3(Three)	86°	32.87" (837mm) Solid	4.724"	30	0.008"(.2mm)
Gooseneck	1 (one)	86°	16.34" (415mm) Solid	4.724"	30	0.008"(.2mm)
Gooseneck	1 (one)	86°	Sectionalized 14.57" (370 mm)	4.724"	14	0.008"(.2mm)
Gooseneck	1 (one)	86°	Left and Right ear set 3.94" (100mm)	4.724"	12	0.008"(.2mm)
Gooseneck	1 (one)	86°	7.87" (200mm) Solid	4.724"	30	0.024"(.6mm)
Gooseneck	3(Three)	86°	32.87" (837mm) Solid	4.724"	30	0.090" 2.3mm
Gooseneck	1 (one)	86°	16.34" (415mm) Solid	4.724"	30	0.090" 2.3mm
Gooseneck	1 (one)	86°	Sectionalized 14.57" (370 mm)	4.724"	14	0.090" 2.3mm
Gooseneck	1 (one)	86°	Left and Right ear set 3.94" (100mm)	4.724"	12	0.090" 2.3mm
Burring	3(Three)	86°	32.87" (837mm) Solid	4.724"	15	0.008"(.2mm)
Burring	1 (one)	86°	16.34" (415mm) Solid	4.724"	15	0.008"(.2mm)
Burring	1 (one)	86°	Left and Right ear set 3.94" (100mm)	4.724"	7	0.008"(.2mm)
Burring	1 (one)	86°	Sectionalized 14.57" (370 mm)	4.724"	9	0.008"(.2mm)
Burring	1 (one)	86°	7.87" (200mm) Solid	4.724"	30	0.024"(.6mm)
HeavyDuty	3(Three)	84°	32.87" (837mm) Solid	4.724"	30	0.118" (3mm)
HeavyDuty	1 (one)	84°	16.34" (415mm) Solid	4.724"	30	0.118" (3mm)
HeavyDuty	1 (one)	84°	Sectionalized 14.57" (370 mm)	4.724"	14	0.118" (3mm)

The following accessories are for 60mm 1-V Dies for the Ten (10) foot hydraulic press brake that is required in the Plate Shop and shall accompany the new units at initial start-up with the following specifications.

(B) Plate Shop D-200

** Measurements are in Imperial and/or metric. No variations will be accepted.

** Sectionalized length of 1-V dies to be a minimum 10mm long to a maximum 100mm in length and compatible with the unit.

V-Opening size inch/mm	Quantity	Angle	Length	Height	Tons per foot	Tip Radius
.157" (4mm)	3(Three)	86°	32.87" (837mm) Solid	2.362"	26	R= .039"
.157" (4mm)	1 (one)	86°		2.362"	26	R= .039"
.157" (4mm)	1 (one)	86°	7.87" (200mm) Solid	2.362"	26	R= .039"
.157" (4mm)	1 (one)	86°	Sectionalized 14.57" (370 mm)	2.362"	26	R= .039"
.197" (5mm)	3(Three)	86°	32.87" (837mm) Solid	2.362"	26	R= .039"
.197" (5mm)	1 (one)	86°	16.34" (415mm) Solid	2.362"	26	R= .039"
.197" (5mm)	1 (one)	86°	7.87" (200mm) Solid	2.362"	26	R= .039"
.197" (5mm)	1 (one)	86°	Sectionalized 14.57" (370 mm)	2.362"	26	R= .039"
.236" (6mm)	3(Three)	86°	32.87" (837mm) Solid	2.362"	26	R= .039"
.236" (6mm)	1 (one)	86°	16.34" (415mm) Solid	2.362"	26	R= .039"
.236" (6mm)	1 (one)	86°	7.87" (200mm) Solid	2.362"	26	R= .039"
.236" (6mm)	1 (one)	86°	Sectionalized 14.57" (370 mm)	2.362"	26	R= .039"
.276" (6mm)	3(Three)	86°	32.87" (837mm) Solid	2.362"	26	R= .059"
.276" (6mm)	1 (one)	86°	16.34" (415mm) Solid	2.362"	26	R= .059"
.276" (6mm)	1 (one)	86°	7.87" (200mm) Solid	2.362"	26	R= .059"
.276" (6mm)	1 (one)	86°	Sectionalized 14.57" (370 mm)	2.362"	26	R= .059"
.315" (8mm)	3(Three)	86°	32.87" (837mm) Solid	2.362"	29	R= .059"
.315" (8mm)	1 (one)	86°	16.34" (415mm) Solid	2.362"	29	R= .059"
.315" (8mm)	1 (one)	86°	7.87" (200mm) Solid	2.362"	29	R= .059"
.315" (8mm)	1 (one)	86°	Sectionalized 14.57" (370 mm)	2.362"	29	R= .059"
.394" (10mm)	3(Three)	86°	32.87" (837mm) Solid	2.362"	30	R= .079"
.394" (10mm)	1 (one)	86°	16.34" (415mm) Solid	2.362"	30	R= .079"
.394" (10mm)	1 (one)	86°	7.87" (200mm) Solid	2.362"	30	R= .079"
.394" (10mm)	1 (one)	86°	Sectionalized 14.57" (370 mm)	2.362"	30	R= .079"
.472" (12mm)	3(Three)	86°	32.87" (837mm) Solid	2.362"	30	R= .098"
.472" (12mm)	1 (one)	86°	16.34" (415mm) Solid	2.362"	30	R= .098"
.472" (12mm)	1 (one)	86°	7.87" (200mm) Solid	2.362"	30	R= .098"
.472" (12mm)	1 (one)	86°	Sectionalized 14.57" (370 mm)	2.362"	30	R= .098"
.551" (14mm)	3(Three)	86°	32.87" (837mm) Solid	2.362"	30	R= .098"
.551" (14mm)	1 (one)	86°	16.34" (415mm) Solid	2.362"	30	R= .098"
.551" (14mm)	1 (one)	86°	7.87" (200mm) Solid	2.362"	30	R= .098"
.551" (14mm)	1 (one)	86°	Sectionalized 14.57" (370 mm)	2.362"	30	R= .098"
.709" (18mm)	3(Three)	86°	32.87" (837mm) Solid	2.362"	30	R= .098"
.709" (18mm)	1 (one)	86°	16.34" (415mm) Solid	2.362"	30	R= .098"
.709" (18mm)	1 (one)	86°	7.87" (200mm) Solid	2.362"	30	R= .098"
.709" (18mm)	1 (one)	86°	Sectionalized 14.57" (370 mm)	2.362"	30	R= .098"
.984" (25mm)	3(Three)	86°	32.87" (837mm) Solid	2.362"	30	R= .118"
.984" (25mm)	1 (one)	86°	16.34" (415mm) Solid	2.362"	30	R= .118"
.984" (25mm)	1 (one)	86°	7.87" (200mm) Solid	2.362"	30	R= .118"
1.26" (32mm)	3(Three)	84°	32.87" (837mm) Solid	2.362"	30	R= .157"
1.26" (32mm)	1 (one)	84°	16.34" (415mm) Solid	2.362"	30	R= .157"

1.26"(32mm)	1 (one)	84°	Sectionalized 14.37" (365 mm)	2.362"	30	R= .157"
1.57"(40mm)	3(Three)	84°	32.87" (837mm) Solid	2.362"	30	R= .157"
1.57"(40mm)	1 (one)	84°	16.34" (415mm) Solid	2.362"	30	R= .157"
1.57"(40mm)	1 (one)	84°	Sectionalized 14.37" (365 mm)	2.362"	30	R= .157"

The following accessories are required and shall accompany the new units at initial start-up with the following specifications.

(B) Plate Shop D-200

COMPLIANT - YES/NO
Cross Reference page #

4) An Adjustable angle gauge for 1-V dies to provide proof of bend angle being performed. Must be compatible with both ends of brake. **Quantity 2 (two)**

5) A multi-tool stacker for storage and securing of all punches and dies. Cabinet to be constructed of heavy duty material able to accommodate the total weight of accessories listed in this quote. **Quantity 2 (two)**

6) Front Table Gauge for 1-V Dies to stabilize small parts while being bent in the brake. **Quantity 2 (two)**

3.0 GENERAL DESIGN AND CONSTRUCTION

COMPLIANT - YES/NO
Cross-Reference Page #

3.1) DESIGN- The Hydraulic brakes shall be new and one of the manufacturer's standard models. Specially ordered machines and variations of standard models will not be accepted. The design and construction of this machine, accessories and attachments shall include all components, parts and features necessary to meet the performance requirements specified herein. All parts subject to wear, breakage or distortion shall be accessible for adjustment, replacement or repair. The manufacturer's name, trademark or other such known characteristics shall appear on the machine so the source of the manufacture shall be permanently identifiable.

4. MATERIAL AND WORKMANSHIP

COMPLIANT - YES/NO
Cross-Reference Page #

4.1) SAFETY DEVICES- The machine and its controls shall be equipped with the latest and most efficient devices for the protection of the operator and equipment. Covers, guards

- and/or other safety devices shall not interfere with the operation of the machine. Safety mechanisms such as limit switches, positive stops, overload protection devices and warning lights shall protect the equipment against overload, over-travel or malfunction of the machine or its components. _____
- 4.2) LUBRICATION- All enclosed, rotating and sliding components shall be adequately lubricated. Each lubrication reservoir, if so equipped, shall be fitted with a sight glass or other means to determine fluid levels. Re-circulation systems shall be equipped with filters. Grease fittings and filler caps shall be accessible. _____
- 4.3) INTERCHANGEABILITY- To provide for replacement of worn parts, all parts bearing the same part number shall be functionally interchangeable and shall be dimensionally identical within specified tolerance limits in use by the manufacturer. _____
- 4.4) CONSTRUCTION- The machine shall be so constructed that when it is installed and connected to power it shall be ready for operation. The unit shall be constructed of new parts which are without defects and free of repairs. _____
- 4.5) CASTING AND FORGING- All castings and forgings shall be free of defects, scale and mismatching. Welding, peening, plugging or filling with metallic paste shall not be used for reclaiming any defective part for use in the machine. _____
- 4.6) WELDING, BRAZING OR SOLDERING- Welding, brazing, or soldering shall be utilized where specified in the machine design. None of these processes shall be used as a repair measure for defective parts. _____
- 4.7) FASTENING DEVICES- All screws, bolts, pins and similar parts shall be installed in such a manner as to prevent any change in tightness. Those subject to removal shall not be swaged, panned, staked or otherwise permanently deformed. _____
- 4.8) SURFACES- All surfaces of casting and forgings, molded parts, stampings and welds shall be cleaned and free from sand, dirt, sharp burrs, scale, flux and other harmful or extraneous material. External surface edges shall be either

rounded or beveled unless sharpness is required to perform a necessary function. Unless otherwise specified herein, the condition and finish of all surfaces shall be commensurate with the manufacturer's standard commercial practice.

- 4.9) PAINTING- All exterior and interior surfaces of the machine and its components which are not otherwise finished and for which a painted surface is suitable shall be prepared and painted by the manufacturer using their standard commercial practice. The interior of gear cases, cast-in reservoirs and similar areas shall have an oil resistant surface. All other accessible interior areas shall be coated with a sealed, rust resistant paint.
- 4.10) LUBRICATION CHART/PLATE LABEL- A lubrication chart or plate shall be securely attached to the machine. The following information shall be contained on this chart or plate:
- A. Points of lubrication
 - B. Service interval
 - C. Type of lubricant
 - D. Viscosity
- Lubricant types shall be identified in the machine maintenance manual and be specified by one or more of the following:
- E. Detailed performance specification
- 4.11) PLATES- All words indicating speed, machine settings, and instruction plates shall be written in the English Language, engraved, embossed or stamped in bold face, with a contrasting finish, easily read by the operator.

5.0 ELECTRICAL

COMPLIANT - YES/NO
Cross-Reference page #

- 5.1.) The machine shall be wired to operate on 64 Amps at 200 Volts / 3 phase
- 5.2.) The machine shall be provided with a disconnecting means either separate or as an integral part of the control panel. Circuit breakers/fuses suitably sized shall be provided to protect the machine.
- 5.3.) The machine shall be completely wired by the manufacturer

prior to delivery and shall have a single source terminal box externally accessible for electrical connection. _____

5.4.) All auxiliary electrical devices shall be provided as integral parts of the machine and within the external dimensions with no projections. _____

5.5.) All electrical equipment shall be suitably encased to prevent the ingress of moisture or oil and to protect it from physical damage. _____

5.6.) Certification

The equipment shall be certified by an acceptable Certification Organization. The following Certification Organizations are acceptable. The electrical control must bear a label from one of these organizations in order to be recognized as approved. Identify which Organization shall be used:

- A. Canadian Standards Association (CSA) _____
- B. Entela _____
- C. Intertek Testing Services _____
- D. ETL Testing Laboratories _____
- E. Warnock Hersey (WH) _____
- F. Underwriters Laboratories of Canada (ULC) _____
- G. Underwriters Laboratories Inc. (UL) _____
- H. MET Laboratories Inc. (MET) _____
- I. TUV Rheinland of North America _____
- J. Quality Auditing Institute (QAI) _____
- K. TUV America Inc. _____
- L. Factory Mutual (FM) Approvals _____
- M. Omni-Test Laboratories Inc. _____

N. Curtis-Straus LLC_____

NOTE: Labels from all Organizations above (with the exception of CSA and ULC), must be accompanied by a small "c" at the eight o'clock position or Canadian Standard number to indicate the product has been certified to the Canadian Standard.

O. Electrical equipment that is not certified by one of the above agencies can only be accepted if the equipment is "field" inspected and labeled (complete with verification documentation) by the Canadian Standards Association (CSA), Cantest Ltd, Entela, Intertek Testing Services, MET Laboratories, TUV SUD America Inc, Underwriters Laboratories of Canada, Electrical Safety Authority (ESA), or QPS Evaluation Services Inc. under the Special Inspection Program. This inspection must take place before equipment delivery. _____

6.0 WARRANTY

COMPLIANT - YES/NO
Cross-Reference Page #

6.1.) The equipment shall be guaranteed to be free from manufacturing and operational defects for a period of twelve (12) months from the date it was set-to-work by the contractor's representative and accepted as operationally satisfactory by the Industrial Engineer or his designated representative. The contractor shall be responsible for the provision of labour, parts, and field service at his own expense during the term of the warranty period and shall make good all defects within ten (10) days of being informed by the Industrial Engineer that service is required. All other warranties over and above those specified herein shall be considered valid. _____

7.0 GENERAL

COMPLIANT - YES/NO
Cross Reference Page #

7.1) PRE-DELIVERY REQUIREMENTS- At the time of shipment to DND, the contractor is responsible for ensuring that the entire order, described herein is complete prior to delivery. No partial shipments shall be accepted. _____

8.0 DOCUMENTATION

**COMPLIANT - YES/NO
Cross Reference Page #**

8.1) The following documentation is required:

A. OPERATION MANUALS- Two (2) English Language copies of the manufacturer's operator's manual consisting of theory of operation, preventative maintenance, and lubrication recommendations shall be provided.

B. MAINTENANCE MANUALS- Two (2) English Language copies of the manufacturer's maintenance manual consisting of full parts lists complete with sources and full mechanical & wiring diagrams shall be provided. These manuals shall describe in sufficient detail the mechanical, pneumatic, electronic, electrical, and hydraulic systems of the machine as to allow a complete overhaul by DND if so required.

C. SAFETY MANUALS- Two (2) English Language copies detailing the manufacturer's safety requirements shall be provided.

D. COMSUMABLE PARTS LIST- The contractor shall provide a complete list of recommended spare (consumable) parts. This list is to be complete and given to the site authority upon completion of the set-to-work phase.

9.0 ON SITE SERVICES

**COMPLIANT - YES/NO
Cross Reference Page #**

9.1) The following on-site services are required:

A. EQUIPMENT SET TO WORK- Contractor is responsible for arranging the electrical connection upon the machine's arrival. The contractor shall supply at the installation site in Halifax, Nova Scotia within ten (10) days of being requested by FMFCS the services of a Field Service Representative (FSR). The FSR must be factory trained and certified. The FSR shall perform the equipment set-to-work phase. The FSR is responsible for machine transportation, all rigging from the truck to final placement,

machine leveling and anchoring, the supply and installation of new and clean hydraulic fluid, machine cleanup, and startup. The FSR shall be available at the installation site until the equipment has been inspected and accepted as operationally satisfactory by the Industrial Engineer or his designated representative. _____

- B. EQUIPMENT OPERATION AND MAINTENANCE TRAINING-** On successful completion of 10.1 A., the contractor shall provide the services of the FSR on site for a period of four (4) working days [eight (8) hours, starting at 08:00 and finishing at 16:00], to demonstrate and train selected DND personnel in operation, maintenance, and safety of the equipment supplied. Up to seventy five (75) personnel may attend the training session. _____

10.0 Special/Additional Instructions

1. A Hazard assessment and contractor health and safety plan must be submitted to FMFCS project manager prior to work beginning.
2. All work is to be done during normal business hours.
3. FMFCS staff will have the installation area cleared of all non essential material.
4. The contractor shall be responsible for disposing of all waste materials and debris, generated by the contractor.
5. Contractor to give all notices, obtain all permits and approvals, and pay all necessary fees in order to carry out the specified work.
6. Installation shall be as per Canadian Electrical Code.
7. Contractor to supply copies of any permits and inspection certificates.
8. Contractor shall provide as-built, marked-up drawings on a clean set of prints provided to the owner at total completion of the work. Supply copies of all drawings, calculations and certifications for the receiver and assembled unit. The FMFCS owner reserves the right to add to this list as deemed appropriate.

ANNEX B BASIS OF PAYMENT

The price of the bid will be evaluated in Canadian dollars, the Goods and Services Tax or the Harmonized Sales Tax excluded, FOB destination, Canadian Customs Duties and Excise Taxes included.

Delivery is Delivered Duty Paid (DDP) Incoterms 2000. The contractor is responsible for all delivery charges, administration, costs and risks of transport and customs clearance, including the payment of customs duties and taxes to the destination.

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

Item	Description	U of I	Qty	Unit Price	Extended Price
I	10-foot Hydraulic Press Brakes for Sheet Metal Shop, including all accessories as fully detailed in Annex A	ea	2	\$ _____	\$ _____
II	10-foot Hydraulic Press Brake for Plate Shop, including all accessories as fully detailed in Annex A.	ea	1	\$ _____	\$ _____
	TOTAL				\$ _____

Make/Model Offered: _____