



BHARAT HEAVY ELECTRICALS LIMITED
Heavy Power Equipment Plant, Ramachandrapuram,
Hyderabad - 502 032. INDIA.

Phones :

Purchase Dept:

E-mail :

Indent No. : _____

Date : _____

Enquiry No. : _____

DueDate : _____

Vendor Qtn. No.: _____

Date: _____

Tender documents to be filled by the Vendor for supply of
DOT PIN MARKING MACHINE-01 No

OF THE Vendor :		ADDRESS OF THE INDIAN AGENTS:		
PHONE NOS.:		TELEPHONE NOS.:		
FAX NOS.:		FAX NOS.:		
E-MAIL ADDRESS :		E-MAIL ADDRESS:		
NOTE:				
1. Vendor shall submit complete information against each clause of the specification given below point by point.				
2. The Vendor should fill the "Offered" Column in compliance to specified requirements and also "Deviations" column, where there is deviation from the requirement. Duly filled specification cum compliance certificate should be submitted along with the bid. Inadequate, incomplete, ambiguous or unsustainable information against any of the clauses of the specifications/requirements shall be treated as non-compliance				
3. The offer and all the documents enclosed with bid should be in English language only.				
4. Vendor shall submit answers and details (if req) to each & every clause as per this spec document format in other case offer will be rejected				
Sl.No.	Description for BHEL Requirement	Offered	Deviations	Remarks
1	PURPOSE: The Dot pin marking machine is required for marking on the blades in the NEW blade shop			
2	PREQUALIFICATION REQUIREMENT : a) The suppliers shall give a list of atleast two PO copies or customers with contact numbers/email id's to whom similar Dot pin marking machines are supplied,preferably to Govt./ public Sector b)Only OEM's or Authorised distributors are eligible.The supporting documents need to be submitted			
3	Technical requirements of DOT PIN MARKING MACHINE -01 No			
3.1	Marking area/window: 120 X 100 mm (vendor to note & conform)			
3.2	Type of head: Column mounted (vendor to note & conform)			
3.3	Controller Type: Column mounted 7 inch touch screen controller (vendor to note & conform)			
3.4	Hardness of material on which marking need to be done: up to 45 HRC (vendor to note)			
3.5	Shape on which marking to be done: Flat and 0-2 mm curvature CONVEX (vendor to note and conform)			
3.6	Pneumatic line: 6-7 bar air supply line will be provided (vendor to note)			
3.7	Z-axis travel: 300 mm (Manual) (vendor to note & conform)			
3.8	Marking depth (for 45 HRC) : Approx 1 mm (vendor to note & mention)			

18-11-2014

18-11-2014

P. V. Narayana

Shrawan

CE Mel Bay

Sl.No.	Description for BHEL Requirement	Offered	Deviations	Remarks
3.9	Dots per second (for 45 HRC): (vendor to mention)			
4	Dot density per inch : (vendor to mention)			
4.1	Type of lubrication for indenter/pin in X & Y directions : Manual is ok (vendor to conform)			
4.2	Input supply : AC 220V $\pm$ 10%, 50 Hz (vendor to note)			
4.3	Character support: Alphabets and numerals (vendor to note & conform)			
4.4	Characters per second approximately : (vendor to conform)			
4.5	Maximum weight to be supported by the work table: 8 Kg's (vendor to note)			
4.6	Size of slots on work table (vendor to mention)			
4.7	Marking accuracy: within 0.02 mm (vendor to note & conform)			
4.8	The equipment shall be table mounted one and the work table shall be removable type so that it can be useful to accommodate large height blades for marking on them : (Vendor to conform this provision)			
4.9	Machine shall be supplied with all the connecting cables, pneumatic connections & fittings, softwares, controllers and modules and all the other basic accessories for the normal functioning of the equipment			
5	Extra spares required: (i) Stylus/Indenter set -01 No (ii) Main controller/mother board - 01 No (iii) Display unit- 01 No (iv) Drive controller unit -01 No			
5.1	The list of spares as per above clause shall be submitted (vendor to submit)			
5.2	The cost of the spares to be mentioned separately in the price bid (vendor to note)			
5.3	The equipment must possess CE or Equivalent certification: (vendor to conform certification)			
5.4	Vendor should submit the detailed catalog along with the offer			
5.5	Vendor to take full responsibility for carrying out the prove out at our BHEL works			
5.6	GUARANTEE: Dot pin marking machine shall be guaranteed for satisfactorily and trouble free service for at least 12 months from the date of commissioning and final acceptance.			
5.7	Vendor shall give the after sales support whenever necessary if any problem arises. The nearest service centre need to be mentioned. (vendor to mention)			
5.8	DOCUMENTATION: (i) Three sets of operating instruction manuals has to be supplied for Dot pin marking machine (ii) Electrical drawings - 3 sets of hard copies (iii) Data backup of software, parameters etc. wherever applicable - 3 sets (iv) All the above documentation should also be supplied on CD/DVD. - 3 sets			
5.9	PACKING : Rigid packing to be made for all items of complete machine, all accessories and other supplied items to avoid any damage/loss in transit. When machine is dispatched in containers, all small loose items shall be suitably packed in boxes. Packing list to be provided in the box			
6	Delivery period to be indicated by the supplier			


B. LAKSHMANJIBABU
ENGINEER/TD


K. PHALAKSHA
Sr.DGM/TD


P.V. NARESH PATNAIK
DY.MANAGER/NBS


A. SHRAWAN KUMAR
Sr. ENGINEER/M&S


MALLI BABU CH
Sr. Manager/M&S Electronics