

**BHARAT HEAVY ELECTRICAL LIMITED****UNIT'S ADDRESS:****CONTACT PERSON'S NAME/DESIGN./PHONE NO./E-MAIL  
(FROM PURCHASE DEPTT.)****Enquiry No. :****Due Date :****Supplier Qtn. No.:****Date :****SPECIFICATION MAGNETIC BASE DRILL MACHINE****NOTE:-**

1. The "Offered" Column and where applicable, the 'deviations' and 'remarks' column of this format shall be filled in by the vendor and submitted along with the offer. Inadequate/incomplete ambiguous, or unsustainable information against any of the clauses of the Specification/Requirement shall be treated as non compliance.
2. The offer and all document in enclosed with offer should be in English language only.
3. All the supplied accessories Shall supplied from OEM only

**NAME & ADDRESS OF THE SUPPLIER :****TELEPHONE NOS.:****FAX NOS.:****E-MAIL ADDRESS :****SCOPE: Supply, erection and commissioning Magnetic Base Drill Machine. Complying with specifications as below:**

SL. NO	DESCRIPTION OF BHEL REQUIREMENT	SPECIFIED/ TO BE CONFIRMED BY	OFFERED	DEVIATIONS	REMARKES	
1.0	<b>PURPOSE</b>					
1.1	Purpose: Magnetic Base Drill machine to make drill by clamping machine on Steel body job	Vendor to confirm				
2.0	<b>SPECIFICATION</b>					
2.1	Spindle : MT4	Vendor confirm				
2.2	Cutter Range : 110 mm or more	Vendor to confirm				
2.3	Depth of Cut : 100 mm or more	Vendor to confirm				
2.4	Twist Drill Capacity : 45 mm or more	Vendor to confirm				
2.5	Tapping Capacity : M 30 or more	Vendor to confirm				
2.6	RPM : 4 Fixed Speeds -	Vendor to confirm				
2.7	Motors : 1800 Watt or more	Vendor to confirm				
2.8	Magnet Deadlift (on 25mm plate): 2100 kg or more	Vendor to confirm				
2.9	Noise Level : Does not exceed 90dB or better	Vendor to confirm				

2.1	Vibration Level : Does not exceed 2,5m/s2 or better	Vendor to confirm				
2.1	Voltage : 110 or 220	Vendor to confirm				
<b>3</b>	<b>General Details</b>					
3.1	Machine Make and Model:	Vendor to specify				
3.2	Base Size:	Vendor to specify				
3.3	Weight: Less than 55 kg	Vendor to specify				
<b>4</b>	<b>Accessories to be supplied with machine</b>					
4.1	Attachment to hold Broach cutter from 12- 110 mm	Vender to confirm				
<b>5.0</b>	<b>INSEPCTION &amp; COMMISIONING:</b>					
5.1	Insepction of Machine and its accessories at BHEL Bhopal. Complete commissioning and demonstration of all feature of equipment to the entire satisfaction of BHEL is the sole responsibility of vendor at BHEL Bhopal work.	Vender to confirm				
<b>6.0</b>	<b>GUARANTEE</b>					
6.1	Suppliers Should Guarantee the machine performance 12 months from the date of acceptance of machine and shall provide spares and services during guarantee period to maintain the machine in working condition.	Vender to confirm				
6.2	Service to be provided within5-days of informing the supplier.	Vender to confirm				
<b>7</b>	<b>DOCUMENTATION</b>					
7.1	Operating manuals of machine -1 set with each machine.	Vender to confirm				
7.2	Detailed maintenance manual of machine which shall contain system description, block diagram All assembly/Sub assembly drawings shall be supplied with the part list.	Vender to confirm				
<b>8</b>	<b>SPARES :</b>					
8.1	Itemized breakup of Mechanical, Electrical and Electronic spares used on the machine and its spares price , which to be fixed for next 2 years. This is required to be used as a reference for future procurement only and shall not be used for arriving at the L1 offer.	vendor to specify and quote				
<b>9</b>	<b>PACKING :</b>					
9.1	Sea worthy & rigid packing for all items of complete machine.	Vendor to confirm				
<b>10.0</b>	<b>Scope of Supply: Each machine shall consist of</b>					
10.1	Magnetic Base Drill Machine	Vendor to confirm				
10.2	Attachment to hold Broach cutter from 12- 110 mm	Vendor to confirm				
<b>11.00</b>	<b>QUALIFYING CONDITIONS :</b>	Vendor to submit the details				

11.1	Offer of only those vendors will be considered who have supplied ( either OEM or AAuthorized dealer of OEM ) and installed at least 3 numbers of number of Magnetic Base Drill Machine of range 110 mm enquired size or more in last 5 years and it is working satisfactorily for at least one year after supply the machine. Supporting documents like copy of purchase order / original performance certificate from the customer, is to be submitted along with the former. 3 number machines are supplied can be in same PO of different PO.	Vendor to submit the details				
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