

**BHARAT HEAVY ELECTRICAL LIMITED**

UNIT'S ADDRESS:

UNIT'S PHONE NOS.

CONTACT PERSON'S NAME/DESIGN./PHONE

NO./E-MAIL (FROM PURCHASE DEPT.)

Enquiry No. : _____

Due Date : _____

Supplier Qtn. No.: _____

Date : _____

**SPECIFICATION CUM COMPLIANCE CERTIFICATE FOR
BENCH DRILLING MACHINE 3/4"**

NOTE:-

1. Vendor must submit complete information against clause no. 5.1 The offer meeting this clause would only be processed.
2. Inadequate / incomplete, ambiguous, or unsustainable information against any of the clauses of the specifications/requirements shall be treated as non-
3. The offer and all documents enclosed with offer should be in English language only.

ADDRESS OF THE SUPPLIER :	ADDRESS OF THE INDIAN AGENTS :
TELEPHONE NOS.:	TELEPHONE NOS.:
FAX NOS.:	FAX NOS.:
E-MAIL ADDRESS :	E-MAIL ADDRESS :

SCOPE: SUPPLY, ERECTION & COMMISSIONING OF BENCH DRILLING MACHINE WITH SPECIFICATION AS BELOW

SI. NO	DESCRIPTION FOR BHEL REQUIREMENT (Spec. No: S-EMT-189/00, Dt. 05.02.2010)	SPECIFIED BY/TO BE CONFIRMED BY	OFFERED	DEVIATIONS	REMARKS
1.0	PURPOSE & WORK PIECE MATERIAL				
1.1	Purpose: (Operations/Jobs involved)	Drilling, Reaming of generator components.			
1.2	Work Piece Material: (Material detail, Hardness etc.)	Alloy Steels/Medium carbon steel			
2.0	Technical Details :				
2.1	Drilling capacity in steel(Min)	19 mm			
2.2	Drilling capacity in CI (Min)	25mm			
2.3	Column dia	Vendor			
2.4	Column to spindle centre	200 mm			
2.5	Min. distance from spindle nose to base plate	Vendor			
2.6	Max. distance from spindle nose to base plate	900 mm			
2.7	Spindlenose taper	MT 2			
2.8	Spindle travel	125 mm			
2.9	No.of speed/range	8 / 89 to 3000 rpm			
2.1	Details of drive	Vendor to Specify			
2.11	Movable Table size	260 x 260 mm			
2.12	Base size	Vendor			
2.13	Over all base plate size	Vendor			
2.14	Over all height with guard	Vendor			

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2.15	V-belt section	Vendor			
2.16	Electric motor power & RPM	Vendor			
2.17	Material of main spindle	Vendor			
3.0	Standard Accessories :				
3.1	Electric motor	Vendor			
3.2	On / Off switch	Vendor			
3.3	Drill Chuck 19 mm capacity	Vendor			
3.4	Machine vice plain type	Vendor			
3.5	Machine light	Vendor			
4.0	Constructional Features				
4.1	The bought out items shall be of reputed make.	Vendor			
4.2	The table shall be vertically lowered or raised by means rack & pinion arrangement operated with a handle. The table shall be provided with suitable arrangement for clamping the Job and movable table.	Vendor			
5.0	Documentation				
5.1	Supplier to furnish technical leaflet of the drilling machine and customer reference list for the similar item with addresses.	Vendor			
5.2	Supplier shall furnish operation & maintenance manual along with the equipment.	Vendor			
5.3	Supplier shall furnish Civil Foundation drawing.	Vendor			
6.0	Inspection : BHEL Engineers will inspect the Bench & Pillar type Drilling machine at Supplier's works before despatch during which supplier shall demonstrate the drilling operation on the steel plates..	Vendor			
7.0	Commission: Supplier shall commission the Bench & Pillar type Drilling machine at BHEL and demonstrate its operation/maintenance features to technical personnel	Vendor			
8.0	PROVE OUT: Machine to be proved for its capability of Maximum drilling .	Vendor			
9.0	PACKING: Suitable packing to be done.	Vendor			
10.0	GUARANTEE : 12 months from the date of acceptance of the machine.	Vendor			