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**SPECIFICATION NO. 6214 FOR BENCH DRILLING MACHINE
BHARAT HEAVY ELECTRICALS LIMITED**

**UNIT: JHANSI
(WORK. ENGG. & SERVICES DEPTT.)**

EQUIPMENT : BENCH DRILL 25 MM DIA CAPACITY.
ITEM NO : MT-3/3/1516
LOCATION : LOCO NEW ASSEMBLY SHOP
QUANTITY : 1 NO.
SPECIFICATION : 6214

1.0 REQUIREMENT :

Bench drill machine require in new loco assembly shop. Drill machine shall be high speed precision bench drilling machine complete with all electrics suitable for operation on 415 volts, 3 phase, 4 wire, 50 Hz. A.C. Supply. The bench drill to have facility for hand feed with adjustable stop and tilting table adjustable through 180°. Machine shall be suitable to Drilling & Tapping of maximum size M-16.

2.0 SPECIFICATION:

Drilling capacity	-	25 mm.
Spindle nose taper	-	MT-2/MT-3
Spindle speed (Approx.)	-	85 to 2400 RPM
Spindle travel (Approx.)	-	130 mm.
Spindle head vertical movement(Approx.)	-	200 mm.
Tapping capacity in steel	-	M- 16
Distance between spindle centre & column face	-	250 mm.(Approx.)
Distance between spindle nose to base	-	1000 mm.(Approx.)
Size of table (Approx.)	-	220 x 220.
Size of round tilting table(Approx.)	-	275 mm. diameter.
Motor	-	To be quoted

3.0 MANDATORY DOCUMENTS REQUIRED TO BE SUBMITTED WITH THE OFFER:

1. Make and model of offered machine.
2. Dimensioned outline general arrangement drawing
3. Details of safety devices / guards provided.
4. Total electrical load.
4. Quotation with item wise prices of spares for 2 years normal working.
5. Details of standard & optional accessories offered.
6. Catalogues / leaflets of machine offered

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4.0 GENERAL CONDITIONS-

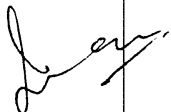

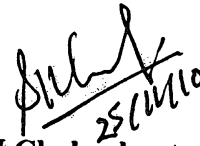

1. All standard accessories should be supplied with machine without extra cost.
2. The machine should be painted with one coat of red oxide primer & two coats of finishing paint before dispatch. Colour of the finishing paint should be verdigris Green to IS 5/1961.
3. Three sets of O & M manuals and tool kit are to be supplied with machine.
4. Machine will be inspected & tried by our engineer prior to dispatch.
5. Accuracy test shall be as per IS.

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5.0 COMPANY PROFILE:

Vendor to submit following information

- 1) Experience in manufacturing similar machines and submit company profile.
- 2) If offer submitted by dealer, authorization from manufacturer of the machine required.
- 3) List of supplies in last 3 years.

Prepared By		Approved By	
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