

BHARAT HEAVY ELECTRICALS LIMITED
UNIT: JHANSI
(WORK. ENGG. & SERVICES DEPTT.)

EQUIPMENT : INTERNAL GRINDING MACHINE
ITEM NO : MT-3/3/1444
LOCATION : LOCOMOTIVE
QUANTITY : 1 Nos.
SPECIFICATION : 6200

TECHNICAL SPECIFICATION:-

SPECIFICATION FOR INTERNAL GRINDING MACHINE WITH STANDARD ACCESSORIES.

- 1 Internal Grinding Machine is required for grinding the Railway wheel's bore internally.
2. Machine should be suitable for work on Railway wheels (workpiece) of internal dia from 125 mm to 350 mm, max. outside dia upto 1100 mm with bore length as 400 mm (max.) & weight of wheel as 700 kg.
3. Accuracy required- 0.5 Microns.
4. Taperness- 0.005 mm in 100 mm length
5. Surface finish- 0.4 Microns
6. Machine should have portable manual inching system
7. All standard accessories should be supplied with the machine as a part of machine at no extra cost

Following to be submitted with the offer:

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


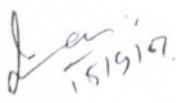
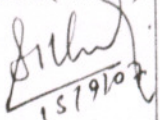
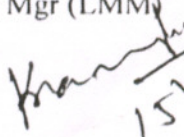
QUALIFYING CONDITIONS

Only those vender, who have supplied and commissioned **10 Nos.** such machines in the past ten years and such machine is presently working satisfactorily for more than one year (more than six month if supplied to BHEL) after commissioning should quote. The following



information is to be submitted by the vender about the companies where similar machines have been supplied. This is required from all venders for qualifications of their offers.

1. Name of the customer/ company where similar machine/ crane is installed
2. Complete postal address of the customer
3. Year of commissioning
4. Name and designation of the contact person of the customer
5. Phone , Fax No. and e-mail address of the contact person of the customer
6. Performance certificate from the customer regarding satisfactory performance of the machine/ crane supplied to them

Date	Prepared By	Checked By	Approved By	
	Dy. Mgr (WEX)	Mgr.(WEX)	DGM.(WEX)	Sr. Mgr (LMM)
15/9/07		 15/9/07	 15/9/07	 15/9/07