

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

EQUIPMENT : CAST IRON BED PLATES
ITEM NO : ME-1/1/2238 TO 2253
LOCATION : FABRICATION
QUANTITY : 16 Nos.
SPECIFICATION : 7011

TECHNICAL SPECIFICATION:-


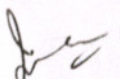

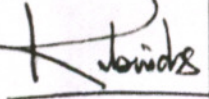
SPECIFICATION FOR CAST IRON BED PLATES-

Cast Iron Bed plates (size-3m x1.5m) as per specifications given below are required. Bed Plates are to be manufactured in accordance to the BHEL drg. No.- **BHE/JHS/WE&S/A 1-01066**. The material for these bed plates will be fine grained cast iron to **IS-210-1970 Grade-20**. Alternatively **BS 1452-1961 Grade -14** would also be acceptable. Machining is to be done as per drg after stress relieving (normalizing). Stress relieving is to be done by slowly heating, the cast iron bed plates from **200 to 540** degree centigrade, the soaking period is to be 7 hrs. Followed by slow cooling in the furnace down to below **200 °** centigrade. T-slots are to be rough machined. The top surface is to be finish machined to the accuracy of **+/-0.125mm**.

QUALIFYING CONDITIONS

Only those vender, who have supplied and commissioned **100 Nos.** such bed plates 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~~ ^{bed plate} 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~~ ^{bed plates} supplied to them .

Date	Prepared By	Checked By	Approved By	
13/9/07	Dy. Mgr (WEX) 	Mgr.(WEX) 	DGM.(WEX) 	DGM.(FBM)  13.9.2007