**ANNEXURE: I**

**SUB: REPAIRING OF SLIDING GEAR BOX IN 500 TONES PRESS MACHINE IN NTB BLKIII.**

**SCOPE OF WORK:**

1. Dismantling of Sliding gear box.
2. Dismantling of Lead Screw columns.
3. Dismantling of MS box nut.
4. Dismantle of shaft and bearing.
5. Dismantle of gear coupling.
6. To bring down the top middle, bottom, of bed.
7. Servicing/Replacement of all oil seals, O rings gaskets and other rubber/sealing items.
8. Replacement of all worm/worm gears and other brass/ bronze items like bushes etc.
9. Threading and taping in lead screw.
10. Strapping and alignment of sliding gear box so that the operation of sliding bed happens smoothly.
11. Equaling the thread of lead screw up to 1 mm to 2 mm and correcting it. This work will be done by BHEL.Time required to complete this work by BHEL should not be added in contractor scope.
12. Scope of making all 4 box nut is under contractor and contractor have the permission to take the lead screw outside of the BHEL if required
13. Assembling of Lead Screw columns, shaft and bearing, MS box nut, gear coupling, Sliding gear box
14. Filling of fresh oil in gear box.
15. All material will be provide by BHEL Bhopal **except 04 NOS BOX NUT**.
16. BHEL will provide the required raw material for Electricity, pneumatic air, water, welding machine, EOT Crane, Fork lifter, and gas cutting plant, gas cutting torch, their consumables

Electricity & compressed air free of cost.

1. The time period of completing the work shall be 30 days from the date of issue work

Order.

**Material in Scope of Contractor**

1. 4 No MS box nut

DY.MGR (FRX)