**ANNEXURE:I**

Sub:-**Repairing & Replacement of NTB Testing Area shutter Height 12 Feet 01 No in New block-3 and Repairing & Replacement of 2 ½ Number Area shutter Height 14 Feet 01 No Block-3 and Repairing and Replacement of DC Enclosures Cabin No 01 motorized Dore in TRM division.**

SCOPE OF WORK

1. Dismantling and Assembly of the motor.
2. Dismantling of chain & Chain sprocket.
3. Dismantling and Assembly of the Shutter new plates.
4. Dismantling of locking plate & damaged locking plate change.
5. Check the brake configuration proper and change brake unit.
6. Dismantling of gear box.
7. Dismantling of the shaft.
8. Removed damaged bearing and re fitted new bearing.
9. Assembly of the gear box & shaft.
10. Oiling and proper greasing of the gear box for smooth ruining.
11. Leveling all aliment of the shutter.
12. Check the all limit switches.
13. Check the emergency stop puss button& MCB &Wire.
14. Fitting, fixing and fabrication of new MS plate, angle in place of damaged part.
15. Dismantling and Assembly of Gearbox & Motor of DC Enclosures Cabin.
16. Assembly of Chain & Chain sprocket of DC Enclosures Cabin.
17. Adjustment and alignment of Motor break.
18. Complete dismantling of panels of collapsible roof of DC Enclosures Cabin.
19. Dismantling of existing damaged portion guide and tracks by gas cutting.
20. Fabrication of new guide and tracks made from MS angle.
21. Installation of guide.
22. Replacement of damaged bearings of gear box.
23. Replacement of damaged pins with new ones. Fabrication of new pins.
24. Fabrication of M.S bushes.
25. Fabrication of side arms out of pipe frame work.
26. Fabrication of hinges from MS angles.
27. Reassembly of panels of collapsible roof.
28. Servicing of electrical motorized arrangement for the movement of the panel for opening and closing the roof of DC Enclosures Cabin.
29. Shifting of panels to site of installation.
30. Installation old panel and complete assembly.
31. Other than below material (under scope of contractor) all Material will be provided by BHEL Bhopal.
32. Trial run and handing over of collapsible roof after satisfactory operation.
33. The time period the completing the work shall be 90 Days from the date of issue of work order.

**SCOPE OF THE MATERIAL SUPPLY FOR CONTRACTOR**

1. **MS ROLLER WHEEL With Baring ID 40XOD 60 Qty Nos 05**
2. **CHAIN SPROCKET SET TEETH 69 NO ID 100MM X OD 360 MM QTY Nos 02**

SCOPE OF THE BHEL

**BHEL BHOPAL will provide the required raw material for Electricity, pneumatic air, water, welding machine, EOT Crane, Forklift, Elevator and gas cutting plant, gas cutting torch, their consumables, electricity & compressed air free of cost.Any other work like grouting & flooring scope of Bhel Bhopal.**

DY.MGR (FRX)