**DETAILED SCOPE OF WORK : CABINE BLIII ,BAY-8**

**Repair and Fixing of Collapsible Motorized Roof in TRM Division, Block-III**

1) Complete Dismantling of Panels of collapsible roof

2) Fabrication of 14 nos of new MS Rollers

3) Dismantling of existing damaged portion guide and tracks by gas cutting..

4) Fabrication of new guide and tracks made from MS angle.

5) Installation of guide

6) Replacement of 58 nos of damaged bearings

7) Replacement of damaged pins with new ones.Fabrication of 52 nos of new pins.

8)Fabrication of 28 nos of M.S.bushes.

9) Fabrication of side arms out of pipe frame work

10) Fabrication of hinges from MS angles.

11) Reassembly of Panels of collapsible roof.

12) The panels are to be hinged at long sides forming Zig-Zag covering.

13) Ensuring that the set of panels shall be spread over the roof opening to cover it. It should be collapsed at one end for opening the roof.

14) Providing the hinges and the side ends with rexin/Canvas Cloth..

The cloth should over hang the side wall. Total length of rexin/Canvas cloth to be replaced=70 metres.

15) Stitching of cloth to suit existing assembly. No of cloth segments=20

16) Riveting of rexin/canvas cloth over the panels

17) Servicing of electrical motorized arrangement for the movement of the panel for opening and closing the roof.

18) Providing two nos of pulleys for fixing of slings.

19) Shifting of panels to site of installation

20) Installation od panels and complete assembly.

21) Trial run and handing over of collapsible roof after satisfactory operation.

**22. BHEL Scope of Supply :-**

1. All the MS Plate, Channel & angles required will be provided by BHEL.
2. BHEL will provide welding m/c, welding rod for the fabrication work.
3. Paints and Primers will be provided by BHEL.
4. All other facilities like Power supply, water, cotton waste, kerosene etc., are provided by BHEL.

23). **(B) SCOPE OF SUPPLY OF MATERIAL :**

**1. Contractor Scope of Supply :-**

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| **Sr. No.** | **Description of Item** | **Qty.** |
| 1). | BEARING | 50 NOS |
| 2). | PIN | 52 NOS |
| 3). | Rexin/Canvas cloth | 70 Meter |
| 4). | pulleys | 02 nos |
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