

## Schedule of Work

**Name of Work :-Repairing, testing and commissioning of 33/0.433 kV, 500 kVA copper wound oil immersed transformer due to failure of one phase on the LT side at SSB Chandukhedi campus.**

| S. No. | Description of item                                                                                                                                                                                                                                                                                                                                  | Qty  | Unit | Rate      | Amount               | Remarks |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|-----------|----------------------|---------|
| 1      | Inspection, complete repairing, testing and commissioning of existing 33/0.433 kV, 500 kVA, copper wound, oil immersed distribution transformer due to failure of one phase on the LT side, including the following works:                                                                                                                           |      |      |           |                      |         |
|        | a) Repair/rewinding of defective HT and/or LT winding coils, including replacement of damaged conductors, insulation materials, leads, connectors and all necessary accessories, complete to restore healthy three-phase output on the LT side.                                                                                                      |      |      |           |                      |         |
|        | b) Dehydration, degasification, filtration and recycling of existing transformer oil, including removal of dirt, carbon particles, moisture and dissolved gases by using an oil filtration machine, to achieve the required dielectric strength (BDV), complete including transportation charges of the filtration equipment and labour as required. |      |      |           |                      |         |
|        | c) Supply and topping-up/filling of transformer insulating oil of approved Grade "A" conforming to IS:335, wherever required, including filtration and processing for complete restoration of the transformer.                                                                                                                                       |      |      |           |                      |         |
|        | d) Testing of winding insulation resistance, continuity, turns ratio (if required), oil BDV and other routine tests, including disconnection and reconnection of HT and LT cables, commissioning and successful operation of the transformer, complete as required and as directed by the Engineer-in-Charge.                                        | 1.00 | Job  | 110905.00 | 110905.00            | MR      |
|        |                                                                                                                                                                                                                                                                                                                                                      |      |      |           |                      |         |
|        | <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                         |      |      |           | <b>1,10,905.00</b>   |         |
|        | <b>Say Rs.</b>                                                                                                                                                                                                                                                                                                                                       |      |      |           | <b>₹ 1,10,905.00</b> |         |

Assistant Engineer (E) - I  
C.P.W.D., Bhopal