

BRIEF SCOPE OF WORK FOR 'POWER TRANSFORMER PACKAGE-II (SOUTH BLOCK)' FOR 4750MW SOLAR PARK AT KHAVDA, GUJARAT.

The scope includes the following:

1. Design, Engineering, Manufacturing, Supply, Testing, Packing and Forwarding, Transportation, Unloading, supervision of Erection and Commissioning of 315MVA,400/33/33kV Power Transformers along with required accessories as follows;

2. Supply, supervision of Erection and Commissioning of Main Equipment:-

a) 315MVA,400/33/33 kV Power Transformers (YNyn0yn0)	07 nos.
b) Fire Protection System for each Power Transformer.	07 nos.

3. Supply and Supervision of Installation of Spare Transformer: -

315MVA,400/33/33 kV Power Transformers (YNyn0yn0)	01 no.
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4. Supply and Installation of Monitoring Equipment:-

a) On-Line DGA Analyzer for each Power Transformer under service.	07 nos.
b) Portable On-Line Moisture Removal System	01 no.

5. Supply of Operation & Maintenance instruments/Testing equipment and accessories.
6. Conducting Complete Routine and Type Test for the Transformers as per IEC 60076/IS 2026.
7. Short Circuit Test of One 315MVA,400/33/33 kV Transformer (if applicable).