

PROPOSED ADDITIONAL CUBICLE IN EXISTING 33KV HT PANEL
LOCATION : MRS ACTREC SUBSTATION

ON OFF TRIP
VCB
33kV
1250A

3Cx400Sqmm,33kV CABLE
Approx. 800M

LOCATION : HADRON THERAPY
SUBSTATION BUILDING

HT PANEL 1

ON OFF TRIP
VCB
33kV
1250A

EXTENSIBLE BUSBAR WITH
PROVISION FOR 5 Nos OF
OUTGOING FEEDERS

ON OFF TRIP
VCB
33kV
1000A

3Cx240Sqmm,33kV CABLE

HT PANEL 2

ON OFF TRIP
VCB
33kV
1000A

ON OFF TRIP
VCB
33kV
630A

ON OFF TRIP
VCB
33kV
630A

1.25MVA
33/0.433kV
DRY TYPE
TRANSFORMER-1

1.25MVA
33/0.433kV
DRY TYPE
TRANSFORMER-2

NOTE :The Schematic diagram provided is tentative, the EPC developer has to redesign breaker and cable rating as per the load for satisfactory operation of the system.