PROJECT RENOVATION AND AUGMENTATION OF 132/33kV EXISTING SUB-STATION AT YUREWAMA

CUSTOMER MAMPUE ELECTRICITY DEPARTMENT (MED)

TRANSMISSION PROJECTS DIVISION

CABLE TRENCH LAYOUT FOR 132/33kV SWITCHYARD

TB-0-311-510-010

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NOTES :-

1. ALL DIMENSIONS ARE IN MM. & DO NOT SCALE THE DRAWING.
2. CONSTRUCTION DETAILS OF CABLE TRENCHES, TRENCH CROSSING & SUMP PIT SHALL BE SUBMITTED AFTER FINAL COMMENTS OF THIS DRAWING.
3. THE LOCATION OF CABLE TRENCHES MARKED IN THIS DWG MAY BE SLIGHTLY MODIFIED TO SUIT THE SITE CONDITIONS.
4. OPENINGS FOR TAKING OUT GI PIPES TO EQUIPMENTS SHALL BE PROVIDED IN CABLE TRENCHES
5. MARSHALING KIOSKs (MK) SHALL BE PLACED IN THE LOCATION SHOWN. EXACT COORDINATES TO BE SUITABLY DECIDED AT SITE.
6. CABLES SHALL BE LAID IN MULTILAYER ON CABLE TRAYS.
7. CABLE SUPPORT SHALL BE PROVIDED AT EVERY 1.5m INTERVAL.
8. INSERTS MUST BE EMBEDDED AT EVERY 1.5m INTERVAL FOR FIXING CABLE TRAYS.
9. AUXILIARY POWER CABLES SHALL BE LAID IN TOP TIERS AND CONTROL CABLES IN BOTTOM TIERS, AS FAR AS PRACTICAL.
10. EARTH CONDUCTOR 50x6 MS FLAT TO BE WELDED ON THE CABLE SUPPORT BEFORE INSTALLATION OF CABLES.

EXISTING TRENCHES ----------

TRENCHES IN BHEL SCOPE ———

SECTION 1-1

SECTION 2-2

R.C.C. SLAB (SUITABLY DESIGNED FOR THE MOVEMENT OF THE CRANE)

ROAD

F.G.L.

Ladder Type Cable Tray 700wide x 2500long

50x50x6mm Angle

R.C.C. SLAB (SUITABLY DESIGNED FOR THE MOVEMENT OF THE CRANE/TRANSF.)

ROAD/RAIL

Ladder Type Cable Tray 150wide x 2500long

TENTATIVE CONTROL ROOM BUILDING LOCATION

EXISTING CONTROL ROOM BUILDING

132/33kV C-R PANELS

VERANDAH

SWITCHYARD

CORRIDOR

SECTION 1-1

SECTION 2-2

BAY-1 FEEDER 33kV
BAY-2 33kV
BAY-3 MAYANG IMPHAL 33kV
BAY-4 MONSANGEI 33kV
BAY-5 FEEDER 11kV
BAY-6 FEEDER 11kV
BAY-7 FEEDER 11kV
BAY-8 IROISHEMGA-2 33kV
BAY-9 IROISHEMGA-1 33kV
BAY-10 33kV
BAY-11 LEIMAKHONG 33kV

BAY-1 YAINGANGPOKPI
BAY-2 ICT-1
BAY-3 KARONG
BAY-4 LOKTAK-1
BAY-5 ICT-2
BAY-6 BUS TRANSFER
BAY-7 ICT-3
BAY-8 LOKTAK-2

DRAWING No.TB-0-311-510-001

FIRST ANGLE PROJECTION (ALL DIMENSIONS ARE IN MM.)