



- NOTES:
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
  2. LM, DB, AND ITS LOCATION ARE TENTATIVE ONLY AND THE SAME SHALL BE DECIDED DURING DSEP CALCULATION.
  3. ALL THE UTILITY BUILDING & EQUIPMENT BUILDING DIMENSIONS SHOWN ARE TENTATIVE AND CONFIRMED BY M/AEGL.
  4. AS PER CODE OF PRACTICE/STANDARD, THE DISTANCE BETWEEN TWO PILES SHALL BE 2 METERS. ALL ADJACENT UTILITIES VIZ. STRUCTURE BUILDING ETC. SHALL BE LOCATED 3 METERS AWAY FROM (ALL ALONG) BOUNDARY WALL.
  5. TYPE OF CONDUCTOR AND ITS DETAILS FOR 400V, 220V, 132V & 33KV YARD WILL BE SHOWN IN DETAIL IN THE SEPARATE DRAWING.
  6. ACTUAL ARRANGEMENT OF 400V & 220V GIS & LCC PANELS COMING FROM GIS HALL WILL BE SHOWN AFTER THE RECEIPT OF THE SAME FROM GIS VENDOR.
  7. ALL THE CONTROL/PROTECTION PANELS, AC/DC PANELS COMING IN THE GIS BUILDING, CONTROL BUILDING, WORK BUILDING SHALL BE SHOWN CLEARLY IN THE SEPARATE DRAWING (BUILDING EQUIPMENT LAYOUTS).
  8. WAVE TRAP IS SHOWN IN Y&B PH. FOR 400KV LINES AND R&B PH. FOR 220KV LINES AS PER TENDER PLOT PLAN. THE SAME SHALL BE DECIDED BASED ON CONFIRMATION FROM M/AEGL.
  9. THE SIZE AND LOCATION OF PULLING BLOCK SHOWN IS TENTATIVE ONLY. THE SAME SHALL BE DECIDED BASED ON THE RECOMMENDATION FROM THE SUPPLIER.
  10. LA LOCATION SHOWN FOR TRF IS TENTATIVE. ONCE THE ACTUAL TRF DWG IS RECEIVED FROM VENDOR, LA SHALL BE SUITABLY LOCATION AS NEAR TO THE TRF AS POSSIBLE.
  11. LOCATION & SIZE OF BOP (BURNT OIL PIT) IS TENTATIVE ONLY. SAME SHALL BE DECIDED AND CONFIRMED DURING CIVIL DESIGN.
  12. THE POWER TRF & REACTOR SHAPE AND DIMENSION ARE TENTATIVE ONLY. THE SAME SHALL BE CONFIRMED AFTER THE RECEIPT OF VENDOR'S ACTUAL GA DRAWING.

- LEGEND:
- PRESENT
  - FUTURE
  - FENCE
  - PARK AREA
  - PULLING BLOCK FOR TRF & REACTOR
- (v) Pulling blocks shall be provided for 500kV, 160MVA 50 MVA transformers and 333MVA reactors.

Checked By AM (P&D)	Checked By DIA (P&D)	Checked By Substation Expert PT Feedback Infra Indonesia	Checked By GSM (P&D)	Checked By GSM (P&D)
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APPROVED, subject to the condition that the drawings contained herein, neither represent the contractor's construction nor the contractor's responsibility for design details. The contractor shall be responsible for the design details. The contractor shall be responsible for the design details. The contractor shall be responsible for the design details.

CLIENT	ASSAM ELECTRICITY GRID CORP.LTD. BIJULI BHAWAN, GUWAHATI, ASSAM		
PROJECT	CONSTRUCTION OF 400/220/132/33kV GIS, WITH TRANSFORMATION RATIO OF 400/220kV, 2X500MVA; 220/132kV, 2X160MVA; 132/33kV, 2X50MVA AT RANGIA WITH ASSOCIATED TRANSMISSION LINES, WITH BAY EXTENSION WORKS AT EXISTING 132/33kV NALBARI GSS		
NOA NO.	AEGL/MD/AHB/Rangia/Pkg-G/Re-Tender/2023-24/26	DT.-01.03.2024	
TITLE	400/220/132/33kV RANGIA SUBSTATION OVERALL GENERAL ARRANGEMENT		
DRAWING NO.	SPIL-AEGL-RAN-DRG-COM-E-002		
REV. No.	DESCRIPTION	CHECKED	APPROVED
DATE	04.06.2024	SCALE: 1:400	SHEET NO: 1 OF 1