



KEY PLAN

- NOTE:-**
- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
 - PROPOSED EQUIPMENTS/ITEMS SHOWN IN _____
 - FUTURE EQUIPMENTS/ITEMS SHOWN IN _____
 - GRAVELLING AND EARTHING WILL BE DONE FOR THE SWITCHYARD EQUIPMENT OCCUPIED AREA.
 - CONDUCTOR SIZES ARE CONSIDERED AS PER SPECIFICATION
 - (A) 132KV MAIN BUS : 75mm Dia Cu.TUBE
 - BETWEEN EQUIPMENTS : 400 Sq.mm SINGLE AAC CONDUCTOR
 - (B) 33KV MAIN BUS : 50mm Dia Cu.TUBE
 - BETWEEN EQUIPMENTS : 400 Sq.mm SINGLE AAC CONDUCTOR
 - CLEARANCES SHOWN ARE AS PER SPECIFICATION IN MM :

a. PHASE TO PHASE (PP)	1475	435
b. PHASE TO EARTH (PE)	1270	500
c. SECTIONAL CLEARANCE (SC)	3500	2745
d. GROUND CLEARANCE (GC)	5000	2900
e. CLEARANCE FROM INSULATOR BOTTOM TO GROUND	3500	2500
 - ALTITUDE LEVEL : 2200M
 - PLINTH LEVEL FOR EQUIPMENT 150MM ABOVE FINISHED GROUND LEVEL.
 - ROAD CROSSING FOR CABLE TRENCH
 - 33KV OUTGOING LINE STRING INSULATOR ARE NOT IN OUR SCOPE
 - REFERENCE DRAWING NO:
 - FOR SLD REF DWG NO: NCC/KETRACO/ELE/RAN/010
 - FOR SECTIONAL LAYOUT REF DWG NO: NCC/KETRACO/ELE/RAN/012 (2 OF 2)

- RELOCATION
- PROPOSED
- FUTURE

REV	DESCRIPTION	DATE	BY	CHECKED	APP.
1	ISSUED FOR TENDER				
2	ISSUED FOR CONSTRUCTION				
3	ISSUED FOR AS-BUILT				
4	ISSUED FOR RECORD				
5	ISSUED FOR ARCHIVE				

PROPOSED EXTENSION OF RANGALA 132 / 33 S / S 33KV BUSBAR WITH 2 BAYS