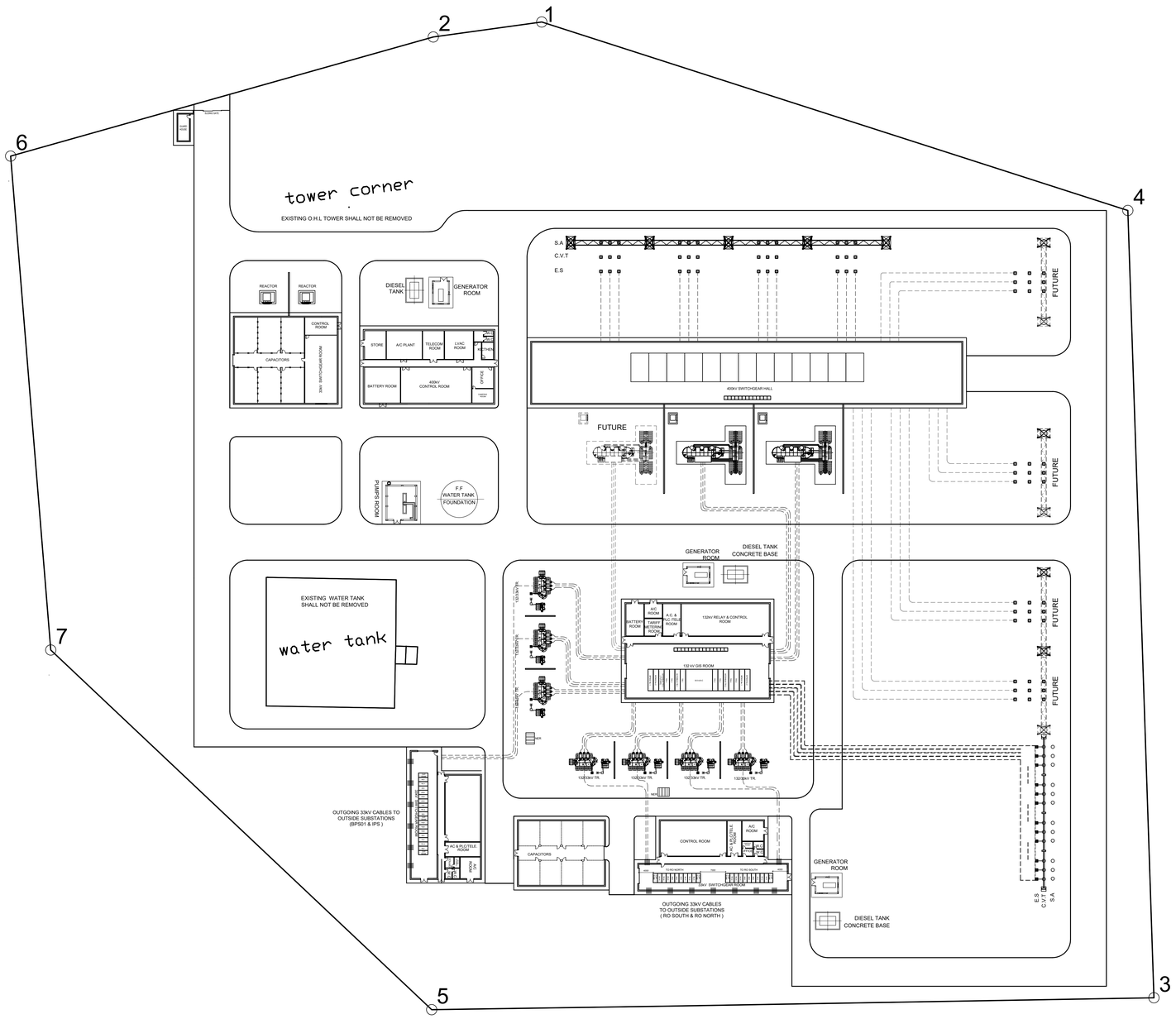


COORDINATION SYSTEM JTM (GEOGRAPHIC COORDINATION FOR INDICATION ONLY)

1	303915.12	252802.45	34° 58' 41.466	29° 22' 53.3028
2	303884.85	252798.27	34° 58' 41.9484	29° 22' 48.7596
3	304085.93	252530.17	34° 58' 45.966	29° 22' 45.5988
4	304078.65	252749.85	34° 58' 54.1884	29° 22' 45.5988
5	303884.41	252526.85	34° 58' 53.7816	29° 22' 53.1588
6	303766.674	252765.0491	34° 58' 45.7932	29° 22' 54.7176
7	303778.220	252627.12	34° 58' 46.7328	29° 22' 55.0632

FOR TENDER PURPOSE ONLY

LEGEND:-

1- ALL EXISTING BUILDINGS STRUCTURES AND ANY OBSTRUCTIONS , WHETHER ABOVE OR BELOW GROUND, SHALL BE REMOVED BY THE CONTRACTOR AT HIS OWN COST AND RESPONSIBILITY , UNLESS OTHERWISE INSTRUCTED OR SPECIFIED

2- THIS IS A CONCEPTUAL DRAWING. CONTRACTOR HAS TO DEVELOP DETAILED DESIGN DRAWINGS FOR ENGINEERING AND CONSTRUCTION PURPOSES, BASED ON SCOPE SPECIFIED IN TENDER DOCUMENT , TECHNICAL SPECIFICATIONS

400kV	CLEARANCES FOR BUSBARS & CONNECTION		
	PHASE TO PHASE	PP	⩾ 3900mm
	PHASE TO EARTH	PE	⩾ 3400mm
	SAFETY CLEARANCE VERTICAL	SCV	⩾ 6400mm
	SAFETY CLEARANCE HORIZONTAL	SCH	⩾ 5400mm
	GROUND CLEARANCE	GC	⩾ 2700mm

132kV	CLEARANCES FOR BUSBARS & CONNECTION		
	EARTH CLEARANCE	EC	⩾ 1300mm
	PHASE CLEARANCE	PC	⩾ 1500mm
	SAFETY CLEARANCE VERTICAL	SC	⩾ 3700mm
	SAFETY CLEARANCE HORIZONTAL	SC	⩾ 3200mm
	GROUND CLEARANCE	GC	⩾ 2500mm

33kV	CLEARANCES FOR BUSBARS & CONNECTION		
	EARTH CLEARANCE	EC	⩾ 320mm
	PHASE CLEARANCE	PC	⩾ 430mm
	SAFETY CLEARANCE VERTICAL	SC	⩾ 2900mm
	SAFETY CLEARANCE HORIZONTAL	SC	⩾ 2300mm
	GROUND CLEARANCE	GC	⩾ 2500mm

REV.	DATE	DESCRIPTION	DRN.	DES.	CHK.	APP.

NATIONAL ELECTRIC POWER CO.

NATIONAL CONVEYANCE 400/132/33kV AAWDCP S/S GENERAL LAYOUT

DRN : T.HEKMAT	DATE : 16.09.2026	DRG. No.	REV.
DES : A.HIJAZI	SCALE : 1:500	7-18-E0-0001	0
CHK : R.HELO	DIM. : mm		
APP : A.SHDIAFAT			

TENDER No.75/2026

DESIGN SECTION S/S