

SN	Description	Unit	Minimum Requirement	Manufacturer's Data
	Tapping Range		+10% to -10%	
	Size of tapping step		1.25%	
	No. of steps		17	
4	Vector Group		Dyn1	
5	On-load voltage control equipment:			
	(A) Type.		Insert	
	(B) Manufacturer		MR, Germany/ABB SWEDEN/Equivalent	
	(C) Range	%	+10 to -10	
	(D) Size of steps	%	1.25	
	(E) Power frequency withstand test voltage (BS.4571) between :			
	first and last contacts of the selector switch	kV	275	
	between any two adjacent contacts of the selector	kV	[Insert]	
	between open diverter switch contacts	kV	[Insert]	
	(F) Type test certificate, reference:		refer to test report submitted with tender	
6	Type of cooling		ONAN/ONAF	
7	Winding temperature rise at CMR under service conditions stated in schedule of technical requirement	°C	55	
8	Top oil temperature under service conditions stated in Schedule of Technical Requirement			
	(A) CMR	°C	50	
	(B) ONAN rating	°C	50	
	Maximum hot spot temperature rise in core at rated power	°C	73	
10	Maximum hot spot temperature rise in copper at rated power	°C	73	
11	Temperature gradient at rating specified	°C	25	
12	Flux density in iron at normal voltage and frequency and at normal ratio -(no load)			
	(A) Cores	Tesla	1.733	

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Design, Supply, Installation, Testing & Commissioning of 132/33 kV AIS Substations at Dhupchanchia, Kumarkhali, Matlab North and Chatkhil including associated 132KV bay extension at Kachua Substation on turnkey basis (Package-4)

Signature 