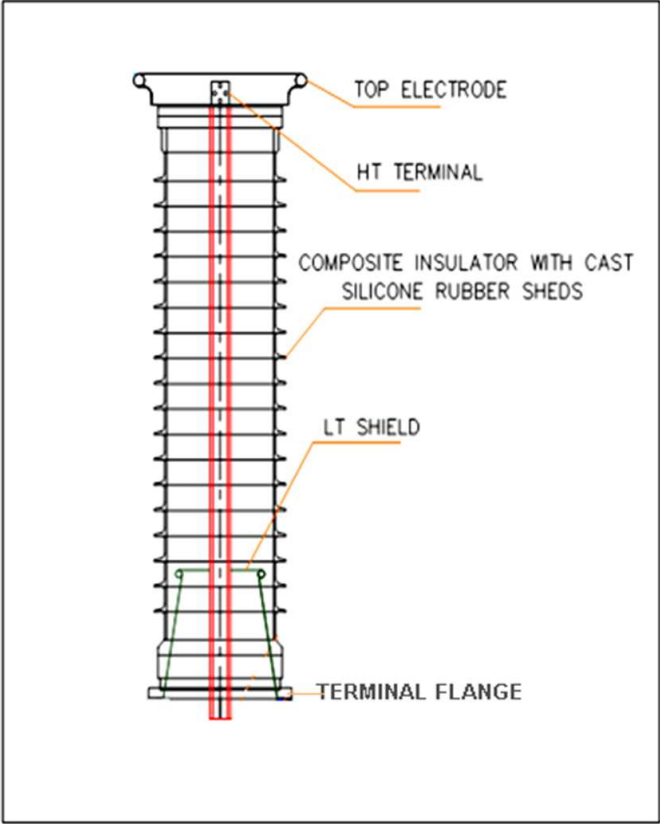


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8.0	Guarantee Certificate		CONFIRMATION BY VENDOR	COMMENTS / DEVIATIONS	
	Supplier shall provide Guarantee certificate for the equipment to ensure reliability of the equipment for a period of not less than 18 months from the date of dispatch. In case of doubts in specifications, the supplier shall contact BHEL for clarifications.		YES/NO		
9.0	Technical Specifications				
	1. System Voltage : 275kV (rms)/300kV (rms)		YES/NO		
	2. System Frequency : 50 Hz.		YES/NO		
	3. Standard Insulation Level:				
	(a). Dry Lightning Impulse Withstand Voltage : >1050 kV 1.2/50 μ s as per IEC Standard		YES/NO		
	(b).Power frequency withstand voltage dry Voltage : >460 kV /60 μ s as per IEC Standard		YES/NO		
	4. Rated Current : > 2500 Amps.		YES/NO		
	5. Rated Short Time Current : 50 /3 kA/sec.		YES/NO		
	6. Rated phase to earth voltage : 300/ $\sqrt{3}$ kV		YES/NO		
	7. Service bending load : > 2500N		YES/NO		
	8. Minimum operating pressure : ~0.5Mpa		YES/NO		
	9. Maximum operating pressure :> 0.85 Mpa (abs.)		YES/NO		
	10. Arcing Distance : ~2400mm		YES/NO		
10.0	Standard Specifications				
	1. All other specifications as per IEC 60137, version there of.		YES/NO		
	2. PD level should be in accordance with IEC 60270 for composite gas insulated bushing and shall be specified.		YES/NO		
	3. The resistance of bushing HT conductor should be close to theoretical minimum and shall be specified.		YES/NO		
	4. The test certificates shall be furnished for all type tests.		YES/NO		
	5. Creepage distance of the bushing shall be in the range of 30-35 mm/kV.		YES/NO		
11.0	Gas Connections:				
	For bushings terminated in a conical support insulator , it shall be provided with at least two non-return gas valves (standard DILO) for gas filling and gas pressure monitoring. The detailed drawings of these components shall be provided with the offer.		YES/NO		
12.0	Operating & Maintenance Manuals				
	Supplier shall provide operation and maintenance manual. The user manuals shall have detailed information about frequently maintenance requirements, spare parts and part no.s and addresses for future correspondence etc.		YES/NO		
13.0	Any Other information:				
	Supplier can furnish any other/additional information, considering overall requirements.		YES/NO		
		Written:	Archana L	15.05.13	
		Chkd :	Archana L	15.05.13	
		Apprvd:	MM RAO	15.05.13	

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14.0	 Figure 1. Schematic Drawing of 275kV/ 300 kV Gas Insulated Bushing.		CONFIRMATION BY VENDOR	COMMENTS / DEVIATIONS
			YES/NO	
		Written:	Archana L	15.05.13
		Chkd :	Archana L	15.05.13
		Apprvd:	MM RAO	15.05.13