

WESTERN ELECTRICITY SUPPLY COMPANY OF ORISSA, WESCO

GUARANTEED TECHNICAL PARTICULARS	
Sl. No.	REQUIREMENTS
	33 Kv, 400 Amps, H.G Fuse sets.
1	Maker's name and Country of origin.
2	Operating voltage.
3	Number of Insulator per phase
4	Rated normal current and normal frequency.
5	Vertical clearance from the top of Insulator cap to mounting channel
6	Height of the riser for carrying the horns.
7	POST INSULATOR :
(a)	Name of the Manufacturer & Country of origin.
(b)	Type of Cementing.
(c)	1 minute power frequency withstand voltage (dry)
(d)	1 minute power frequency withstand voltage (wet)
(e)	Visible discharge voltage.
(f)	Dry flash over voltage.
(g)	Power frequency puncture withstand voltage.
(h)	Creepage distance.
8	Impulse withstand voltage (1.2/50 microsecond wave) positive and negative polarity.
(a)	Across the Isolating distance of fuse base..
(b)	To earth and between poles
9	One minute power frequency withstand voltage.
(a)	Across the Isolating distance of fuse base..
(b)	To earth and between poles
10	1.2/50 microsecond wave impulse flash over voltage.
11	Details of Arcing Horns.
12	Riser Unit.(250mm height total).
13	Supporting Channel.
14	Galvanisation
15	Weight of each pole.
N.B	I) Ferrous parts shall be duely galvaised as per IS:2629/1985 (1 st Revision), (Amendment-2) and non-ferrous parts shall be silver plated..
	II) Certificate from a Government approved laboratory regarding composition of copper in electrolytic copper casting of materials should be submitted during inspection of materials at the cost of the tenderer.
	III) Items not covered in the G.T.P, but relevant in Design, manufacturing, quality control & testing of materials shall be governed by the relevant IS with latest Amendments.
	IV) Type Test report from CPRI or accredited NABL laboratory should be furnished. Same for insulators is to also to be provided.