

Group – A : Sl. No. - 2) 11 KV 3 Pole HG Fuse

Guaranteed Technical Particulars

Sl. No.	Particulars	(Desired Value)	Values offered by the Bidder
1	Name of the manufacturer and country of origin	To be specified by the bidder	
2	Operating voltage	11 KV	
3	No. of Insulators per Phase	2 no.s 12 KV Post Insulators per Phase	
4	Rated normal current and normal frequency	200 Amps. 50 Hz	
5	Vertical clearance from top of insulator cap to mounting channel	254 mm (minimum)	
6	Height of the riser for carrying the horns	150 mm from the cap (top) of insulator	
7	Post Insulator		
(a)	Name of the manufacturer and country of origin	To be specified by the bidder	
(b)	Type of cementing	To be quoted original cemented only	
(c)	One minute power frequency withstand voltage - Dry	35 KV RMS	
(d)	One minute power frequency withstand voltage – Wet	35 KV RMS	
(e)	Visible discharge voltage	9 KV RMS	
(f)	Dry Flashover voltage	To be specified by the bidder	
(g)	Power frequency puncture withstand voltage	1.3 times of actual dry flash over voltage	
(h)	Creepage distance	300 mm minimum (actual creepage distance for which type test has been conducted is to be specified by the bidder).	
8	Impulse withstand voltage (1.2/50 micro second wave positive & negative polarity)		
(a)	Across the isolating distance	85 KV (peak)	
(b)	To earth & between poles	75 KV (peak)	
9	One minute power frequency withstand voltage		
(a)	Across the isolating distance	32 KV (RMS)	
(b)	To earth & between poles	28 KV (RMS)	
10	Details of Arching Horns	Solid copper rod having 7.62 mm dia silver plated provided with screwing arrangement on the fuse carrier made of	

		copper casting for fixing fuse wire. (Total length 63.5 mm). All the bolts, nuts and washers should be made out of brass.	
11	Riser Unit (150 mm total height)	Riser cum connector made out of copper casting (with minimum 95% copper composition) having riser size 50 mm height x 30 mm width x 8 mm thickness and connector size 80x50x6 mm duly silver plated and machine finishing provided with 2 no.s 12 mm dia brass bolts & brass double nuts with flat brass washer and 2 no.s solderless bimetallic sockets per each connector suitable upto 80 mm ² conductor.	
12	Supporting Channels	75 x 40 x 6 mm MS Channel (Galvanized)	
13	Galvanization	All ferrous parts should be galvanized as per IS-2633/1972 & all non-ferrous parts should be duly electroplated with silver.	
14	Weight of each pole (complete)	To be specified by the bidder	