

**GUARANTEED TECHNICAL PARTICULARS OF 33KV, 10KN, COMPOSITE  
POLYMER PIN INSULATORS**

(To be filled and kept in envelopes containing Technical Offer)

Sl. No.	Description	33KV, 10KN
1.	Name of Manufacturer	
2.	Address:	
	(a) registered Office	
	(b) Factory	
3.	Type of Insulators	
4.	Standards specification to which the Insulators manufactured and tested	
5.	Name of material used in manufacture of the Insulator (with class/grade)	
(a)	Material of core rod	
(b)	Material of Housing & weather sheds (silicon content by weight)	
(c)	Material of end fittings	
(d)	Sealing compound for end fitting	
6.	Colour of Insulator	
7.	<b>Electrical Characteristics:</b>	
(a)	Nominal system Voltage (KVrms)	
(b)	Highest System Voltage (KVrms)	
(c)	Dry power frequency withstand (KVrms)	
(d)	Wet power frequency withstand (KVrms)	
(e)	Dry flashover voltage (KVrms)	
(f)	Wet flashover voltage (KVrms)	
(g)	Dry lightning impulse withstand voltage	
	(a) Positive	
	(b) Negative	
(h)	Dry lightning impulse flashover voltage	
	(a) Positive (KV peak)	
	(b) Negative (KV peak)	
(i)	RIV at 1 MHz when energized at 30 kV (rms) under dry condition (microvolt)	
(j)	Creepage distance (min) mm	
8.	<b>Mechanical Characteristics:</b>	
	Minimum failing load (KN)	
9.	<b>Dimensions of Insulator:</b>	
i.	Weight (Kg.)	
ii.	Dia of FR Prod (mm) – <b>Dia must be 33.5mm (minimum)</b>	
iii.	Length of FR Prod (mm)	

iv.	Diaofweathersheds(mm)	
v.	Thicknessofhousing(mm)	
vi.	Dryarcdistance(mm)	
10.	DimensioneddrawingsofInsulator (includingweightwith tolerancesinweight)enclosed.	
11.	Methodoffixingofshedstohousingspecify):-single mould or modularconstruction(injectionmoulding/compressionmoulding)	
12.	No.ofweathersheds	
13.	Typeofsheds	
	(i)Aerodynamic	
	(ii)Withunderribs	
14.	Packingdetails	
	(a)Typeofpacking.	
	(b)No.ofInsulatorsineachpack	
	(c)Grossweightofpackage	
15.	Anyotherparticularswhichthebiddermayliketogive.	

PLACE:

DATE

SIGNATUREOFTENDERER

NAMEINFULL

DESIGNATION/

STATUSINTHE FIRM

COMPANYSEAL

\*\*\*\*\*