Guaranteed Technical particulars of 11 KV Pilfer Resistant Metering Cubicle.

Sl No.	Description	11 KV
1	Meterof Cubicle	
2	Thickness of M.S plate made for galvanization of cubicle (mm)	1.8 (Approx)
3	Overall dimension of Cubicle (mm)	
	a. Height (Approx)	1550 +75 mm (Mounting Channel)
	b. Depth (Approx)	700
	c. Length (Approx)	700
4	Is the Cubicle dust and vermin proof	Yes
5	Details of arrangement for Earthing of cubicle	2 nos. MS nuts of size 1/2" shall be welded on the inner side of the mounting channels
6	Size of window (mm)	
	a. Width (Approx)	300
	b. Height (Approx)	200
7	Size of wire mess provided on window (mm)	25 ^{2} mm
8	Make and other details of insulator used for bus bar support of yellow phase.	Epoxy resin cast , Indoor type.
9	a. Size of connecting strip used between HV cables and CT	40 x 6 mm (Approx)
	b. Metal / Alloy used for connecting strip	Copper
10	Minimum clearance	
	a. Between HV live part and earth (mm)	120
	b. Between phase (mm)	120
11	a. Dimension of flexible link between bus bar and PT on HT side	34 mm X 0.4 mm strip or equipment and SWG round wire.
	b. Metal / Alloy used for flexible link	Copper
12	Size of LT wire used for secondary wiring	2.5 mm ^{2}
13	Hardware (Make)	TATA / Perfect /Equivalent
14	State yes / No for the availability of sealing arrangement	
	a. Cubicle seal of LT compartment	Yes
	b. Cubicle seal of HT compartment	Yes
	c. Meter reading window	Yes

For 11 KV Current Transformers

1	Name of manufacturer	
2	Manufactures Type	Dry Type , Epoxy resin cast
3	Name of resin employed in manufacturer of CT	Epoxy
4	Rated Voltage	11 KV
5	Rated Primary current	As per requirement
6	Rated Secondary current	5 amps.
7	Rated Secondary Output	5 VA
8	Class of Accuracy	0.5
9	Instruments security factor	<5
10	Short time rating (1 second)	3 KV per 0.5 second for CTR , 3/52 to 15/5 A , 7.88 A KA per 0.5 second for CTR , 20/5 to 40/5 A 13.1 KA for 1.0 second for CTR , 50/5 A and above.
11	Rated conductors Thermal current (Also indicate temperature rise over anibient temperature)	1.2 times of rated primary current (40^0 C)
12	Rated current dynamic (peak value)	2.5 times of rated sub-time current.
13	Power frequency with stand voltage on secondary	3 KV (RMS)
14	1.50 micro second impulse withstand test voltage	75 KV (peak)
15	Power frequency (Dry withstand test voltage on primary winding)	28 KV (RMS)

For 11 KV Potential Transformers

1	Name of manufacturer	
2	Manufactures Type / Deginestion	Dry type , Epoxy resin cast 3 phase air cold P.T
3	No. of PTs	1 No (3 Phase)
4	Name of resin employed in manufacturer of PT	Epoxy
5	Rated primary voltage	11000 Volt.
6	Rated Secondary voltage	110 Volt.
7	Rated Burden of Secondary	25 VA
8	Class of Accuracy	0.5
9	Temperature rise at 1.2 times rated voltage with rated burden	40^0 C
10	Rated voltage factor and time	1.2 cont & 1.5 for 30 second
11	Temperature rise for (Sl no. 9 above)	50^0 C
12	1 min. Power frequency with stand test (dry) voltage	28 KV (RMS)
13	1.50 micro second implusewave withstand test voltage	75 KV (Peak)
14	1 min. Power frequency with stand test voltage	3 KV (RMS)
15	Mounting details	PT shall be mounted in the base of HT chamber.

Guaranteed Technical particulars of 33 KV Pilfer Resistant Metering Cubicle.

33 KV Metering Cubicle of CT Ratio (5/5 ,10/5,15/5,25/5,50/5,100/5 & 200/5) Amp.

33 KV Pilfer Resistant Metering Cubicle suitable for indoor installation comprising of 3 number of single phase epoxy resin cast CTs and 1 number three phase epoxy resin cast PT having following specification.

	CTs	**PTs**
Accuracy Class	0.5	0.5
Ratio	As above 33 Kv/110	
Burden	15 VA	50 VA
Phase	1 Ph.	3 ph.
Standard (IS)	2705	3156
Sheet Thickness:	2 mm	