

Annexure-A
GUARANTEED TECHNICAL PARTICULARS FOR THREE PHASE SMC METER BOX

Sr No	PARTICULARS	DETAILED PARTICULARS	TO BE OFFERED BY BIDDER
1	Maker's name	To be intimated by the supplier	
2	Material	Glass reinforced polyester sheet moulding compound	
3	Grade of Material	SMC confirming to IS:13410:1992 Grade S1	
4	Properties of Material of Construction of Meter Box		
	Heat Deflection Temperature(Ref Std. IS:13411)	150 °C (Minimum)	
	Exposure to flame (Ref.Std. IS:4249)	Self-extinguishing	
	Melting Point (Ref.Std. IS:13360)	Does not melt	
	Glow wire test at 650 Degree Centigrade	As per IS 11000 Part-2/Sec-1	
	Degree of protection	IP-42 as per IS-12063/87	
	Heat distortion temp.	125 C (Min) as per IS:13411	
	Dielectric Strength at 90 C in oil	9 KV/mm (Min) as per IS:6262-1971	
	Exposure to flame (Ref.Std. IS:4249)	Self-extinguishing	
5	Inside dimension of Meter Box	To be mentioned by the Bidder	
	a. Height	400mm (min)	
	b. Width	300 mm (min)	
	c. Depth	190 mm (min)	
6	Window having Glass of 3 mm thickness	Window Size 140 mmx 120 mm	
	Fixing of Glass	Fitted from inside in such a way that it can not be replaced without opening door (with anticorrosive material frame all around)	
7	Earthing Arrangement		
	Earthing bolt	One no. of Earthing bolt of MS with 2 nuts and 2 washers shall be provided on RH side of box.Earthing sign has to be provided near to earthing bolt	
	Dia. & Length of earthing bolts	Dia. 6 mm Length 25 mm	
8	Locking arrangement	For Holding & Locking of door with base Three no. of"U" shaped clamps to be provided as mentioned in Drawing	
9	Locking arrangement	For Holding & Locking of door with base Three no. of"U" shaped clamps to be provided as mentioned in Drawing	
10	Sealing arrangement	Holes for wire seal	
11	Wire entry	Plugged holes	
12	Colour of Meter Box	Off White	
13	Meter Mounting Arrangement	Universal type adjustable to suit mounting of any make of meter broadly as per the Drawing	

Signature of Tenderer:		Company's Round Seal:
Date:	Place:	

Annexure-B

TEST REQUIREMENT FOR SMC 3 PH METER BOX (3-PH WHOLE CURRENT METER)	Reference Standards
ROUTINE TEST	
Protection against electric shock	IS 14772
Provision for earthing	- Do -
ACCEPTANCE TESTS (Random samples 10 nos. to be selected)	
Marking (Name, Trade mark)	- Do -
Protection against electric shock	- Do -
Provision for earthing	- Do -
Construction and Dimension verification	- Do -
Heat distortion temperature (min 150°C) (On any one sample)	IS: 13411
Self Extinguishing (On any one sample)	IS: 4249
TYPE TEST	
Marking	IS: 14772
Dimensions	- Do -
Protection against electric shock	- Do -
Provision for earthing	- Do -
Construction	- Do -
Resistance to ageing, to humid conditions, ingress of Solid objects and to harmful ingress of water	- Do -
Mechanical strength	- Do -
Resistance to heat	- Do -
Resistance to insulating material to abnormal heat and fire	- Do -
Resistance to rusting	- Do -
Resistance of tracking	- Do -
Heat distortion temperature (min 150°)	IS 13360 (Part VI Sec III)
Self Extinguishing	IS: 4249
Material Identification	CIPET

Signature of Tenderer:		Company's Round Seal:
Date:	Place:	