



ಎಲೆಕ್ಟ್ರೋಪೋರ್ಸಲೇನ್ಸ್ ವಿಭಾಗ, ಬೆಂಗಳೂರು-560 012
इलेक्ट्रोपोर्सलेन्स डिवीज़न, बेंगलूर-560 012
ELECTROPORCELAINS DIVISION, BANGALORE-560 012

PRE-QUALIFICATION REQUIREMENTS:

Sl. No	Description	Yes/No
1	Manufacturing facilities	
1.1	Sheet Fabrication facilities	
a	Cutting machine	
b	Punching machine CNC Based or equivalent	
c	Bending machine	
1.2	Powder Coating : Min 7-tank Process (In-house facility)	
1.3	Draw-out contact manufacturing facility	
a	In-house Draw-out contact manufacturing facility (or)	
b	Patented Draw-out contact design (or)	
c	Bought-out Draw-out contact	
1.4	SIC manufacturing facility	
a	In-house SIC manufacturing facility (or)	
b	Patented SIC design (or)	
c	Bought-out SIC (If so, specify the Vendor)	
1.5	Machine for Bus bar	
a	Punching	
b	Cutting	
c	Bending	
1.6	Welding machine	
1.7	SMC/ DMC supports	
a	Patented Design (or)	
b	Manufacturing facility (or)	
c	Bought-out supports (if so, specify the Vendor)	
2	Type tests Valid Certificates availability for	
2.1	Heat Run Test for 100% current rating : Temp Rise to be limited to 35deg C.	
2.2	Short Circuit Test : 50kA for 1sec.	
2.3	Degree of Protection : IP-54 for rating <=1600A, IP-42 for rating>1600A	
2.4	Milli-volt drop test for Power contacts	
2.5	Current carrying capacity verification of Power contacts.	
2.6	Seismic Zone Withstand test: Zone-III as per IS-1893 (part-IV).	
3	Floor Space : minimum 4000sq.ft exclusively for panels excluding manufacturing facility set-up space.	
4	Tools	
4.1	Portable Pneumatic Power Tools availability for completion of the assembly.	
4.2	Torque wrenches	
4.3	Heat Shrink Gun for Bus Bar sleeving activity	
4.4	Crimping tool to crimp the Lugs up to minimum 400 sq mm	
4.5	Ferrule printing machine	
4.6	Portable Electrical tools availability for completion of the assembly.	
4.7	Screw Gun	
	** Vendor should possess the above tools or equivalent to above mentioned tools to complete the fabrication & assembly activities in House.	
5	DG set	



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6	Testing facilities	
6.1	HV Test Kit	
6.2	IR test Kit	
6.3	Milli-volt drop test kit	
6.4	Standard Instruments &gauges for measurements	
7	Manufacturing Procedures : Quality Management System in place	
8	Detailed Organization chart with Minimum 3 Graduate Engineers, Minimum 3 Diploma Engineers & Minimum 20 ITI technicians.	
9	Financial Capability : 6Crore turnover per annum	

Note :

1. The bidder shall submit all the credentials like product catalogue, type test reports, copies of executed orders , organization charts etc.