

Ishmeet Singh Music Institute, Raj Guru Nagar, Ludhiana

Purchase Notice Automatic Power Factor Control Panel 70 KVAR

Quotations are invited in sealed envelopes from the experienced, technically and financially sound manufacturer/firms for the purchase of APFC Panel 70 KVAR along with installation as per the following full specifications with terms & conditions i.e. GST/CST, FOR etc.

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Automatic Power Factor Control Panel 70 KVAR

1. The panel shall be suitable for 3ph, 4w 440v 50 hz supply and fault level of 35ka for 1 second.
2. The panel shall be fabricated with :
 - A. Side sheet, partition, equipment mounting plate, and front/rear door/removable top & bottom sheet
 - B. Undrilled removable gland plate
 - C. Base channel
3. EPDM gasket shall be provided inside the doors & covers to make the panel dust and vermin proof.
4. The panel shall be painted with electro static powder coating paint Siemens grey shade 55-65 Micron at 175oC or as desired.
5. Busbar shall be of electrolytic grade e-91 aluminum and supported on non hygroscopic, non carbonizing, corrosion resistance, SMC insulators.
6. Busbars shall be insulated with heat shrinkable colored pvc sleeves red, yellow, blue and black for identification.
7. All cable entries shall be from top and bottom.
8. Control wiring shall be carried out with 1100v grade pvc insulated copper flexible wire and following color standard.
 - A. Ac voltage control ckt. : 1.5 sq. Mm with colour coded thimbles.
 - B. Current control ckt. : 2.5 sq. Mm with colour coded thimbles.
9. The minimum clearance between bus-bars shall be as follows :
 - A. Between phase to phase - 25 mm
 - B. Between phase to neutral - 20 mm
 - C. Between phase to earth - 20 mm
 - D. Between neutral to earth - 20 mm
10. The operating height shall be as follows :

- A. Minimum operating height - 300 mm.
 - B. Maximum operating height - 1900 mm.
11. Panel front door shall be provided with door lock.

Specifications:

Sr. No.	Description	Qty	Make
1	MCCB 160A 25K TP	1	C&S
2	ERH	1	C&S
3	SPEADER LINK	2	C&S
4	MCB 6A SP	3	C&S
5	MCB 6-32A TP	7	C&S
6	CT'S 150/5A	2	MATRIX/AE
7	APFC RELAY 8 WAY	1	TRINITY
8	CONTACTOR 12A	2	C&S
9	CONTACTOR 25A	2	C&S
10	CAPACITOR DUTY CONTRACOTR	3	C&S
	16.7KVA		
11	SELECTOR SWITCH	8	Siemens
12	CAPACITOR	72	SHREEM
13	LED(R+Y+B)	3	Tecknik
14	LED(GREEN)	8	Tecknik

Secondary Material in Panel:

Sr. No.	Description
1	Lock and Gasket
2	Bus Bar
3	Cubical Panel Fabrication & Powder Coating
4	Pvc sleeves & tapes
5	Hardware & Misc
6	Thimbles
7	Control & Power Wiring
8	Fitting Charges (Busbar)

The quotations may be sent in the name of "Director, Ishmeet Singh Music Institute" and should reach by post or by hand on or before 17th October, 2024 in sealed envelope with title Quotation for of APFC Panel 70 KVAR along with installation .The quotation shall be submitted in two parts viz. Technical Specifications and Financial Specifications in two separate sealed envelopes.

Terms & Conditions:

1. Quotations are invited only from the authorized dealers of companies.
2. Quotations should be inclusive of installation charges as well as applicable taxes.
3. Lowest bid shall be accepted.
4. Payment will be done through cheque only within one week after satisfactory installation at Ishmeet Singh Music Institute premises.
5. Last date to send the quotation is 17th October, 2024.
6. All Quotations shall be sent to: Director, Ishmeet Singh Music Institute, B-Block, Rajguru Nagar, Behind MBD Mall, Ludhiana, 141012 in a sealed envelope.
7. No claim on account of fluctuation in price will be considered till a period of three months after submission of quotation.
8. The conditional Quotations shall not be accepted. The quotation shall be submitted in two parts viz. Technical Specifications and Final Specifications in two separate sealed envelopes.
9. The technical quotations should mention that which required technical specifications have been met and which technical specifications have not been met by the authorized dealers.
10. Incomplete bids without brand name or received after due date/time shall be rejected forthwith.
11. The quotation shall not contain corrections, erasers and overwriting, it will result in rejection of quotation straightaway.
12. The quotation that is not according to the prescribed requirements is liable to be rejected.
13. The service Centre of the company should be locally situated in Ludhiana.
14. Fault in any supplied equipment shall be covered with replacement guarantee for a period of two years.