



KERALA STATE ELECTRICITY REGULATORY COMMISSION

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QUOTATION NOTICE

Quotations are invited from reputed dealers for the Supply, Installation, Testing and Commissioning of a Battery bank of 6 Nos, 12 V, 150 AH, VRLA batteries, to be connected to a 5 kVA UPS system with connection links, standard accessories, protection & indicators and cabinet; complete in all respect at site, for the use of the Commission Office. Brief specification of the system is as follows:

	Particulars	Specification
1	Type	12 V DC, 150 AH, VRLA sealed maintenance free Battery Bank of six batteries, complete with connecting links, standard accessories and cabinet; compatible to be connected to a 5 kVA Inverter/ UPS system of 'Luminous' make (Model 5kVA/ 21600 VAH) and configured to suit the charging capacity of the UPS.
2	Power discharge rating	4000W for 30 min & 2000W for 3 hours or better
3	Battery body & Terminals	Polypropylene Co polymer or equivalent & Copper
4	Battery charging voltage	13.5 V DC approx./conform to the UPS/ Inverter requirement
5	Battery life	More than 4 years
6	Self discharge rate (max)	Within 1% of capacity per week
7	Standards & Testing	Conform to the relevant IEC & IS Standards and the Tests there of.
8	Warranty	Minimum 2 years for the complete system
9	Ambient conditions	40°C with 90% Relative Humidity.
10	Racks & integration	Suitable stable, durable, rust proof, high strength rack for mounting 8 Nos batteries shall be supplied along with the battery bank. Supplier shall be responsible for installation of the racks and batteries, connection of all batteries with UPS, testing and commissioning at site.

The quotation should include the prices including GST and detailed specifications. The quotations addressed to the Secretary should reach the office on or before 18.12.2020. The envelop should be prescribed as "Quotation for Inverter Batteries"

SECRETARY

To

Website of the Commission
Notice Board