

GOVERNMENT ENGINEERING COLLEGE THRISSUR

GECTCR/2075/2024-D2

03-07-2024

QUOTATION NOTICE

Quotations sealed with sealing wax are invited for purchase of 2kVA UPS (1Nos) in Physics lab under the Physics department.

Sealed envelopes containing the quotations should bear the superscription **Qtn.No.D2/16/24-25** due on **30/07/2024** and should be addressed to the Principal, Govt. Engg. College, Thrissur, Kerala. The last date for the receipt of quotation is **30/07/2024 at 2 P.M.** Late quotations will not be accepted. The quotations will be opened at Govt.Engineering College, Thrissur on **31/07/2024 at 2 P.M.** in the presence of such quotationers or their authorized representatives who may be present at that time.

The maximum period required for delivery of the articles should be mentioned.

Details of requirements and conditions governing their supply can be obtained from the undersigned till **30/07/2024, 2 p.m.** The offer should be valid for a minimum period of 2 months from the date of opening of the quotations. No advance payment will be given.

List of items attached below

Principal

To

- 1.Notice Board
- 2.College Web site
- 3.The Firms
- 4.O/C

Sl.No.	Item	Specification	Units required	Justification for the requirement
1.	Online UPS 2kVA	<ul style="list-style-type: none"> ● Nominal Voltage 220VAC/230VAC ● Operating Voltage Range 160 ~ 280 VAC ● Operating Frequency Range 45~55 Hz ● Power Factor > 0.8 ● THDi, THDv<2% for linear load, <5% for non-linear loads ● RECTIFIER IGBT ● OUTPUT IGBT ● Output Voltage 220 Vac / 230 Vac ± 1% ● AC Volt. Reg. (Batt. Mode) ± 1% ● Frequency Range 50 Hz ± 1% ● Crest Factor 3 : 1 (max) ● Overload 125% : 1min; 150 % : 200ms ● Transfer Time 0 ms Mains to Battery 2 ms Bypass <ul style="list-style-type: none"> ● Overall Efficiency >90% ● Battery voltage 72V ● Minimum 3 years warranty 	1	For power back up while conducting experiments in the physics Lab.