

FORM OF SHORT TENDER NOTICE

D3/7468/21/GECTCR (I)

Government Engineering College Thrissur
03.02.2022

Sealed tenders are invited for purchase of 5 KVA ups to the office of this institution

Specification separately attached

Approximate cost-1,25,000/-

The envelopes containing the tender should bear the superscription "Tender. No.D3/35/21-22 due on 21.2.2022" and should be addressed to the Principal, Government. Engineering. College, Thrissur, Kerala..Price will remain firm from the date of opening of tender to six months

Last date for receipt of tenders will be 21.2.2022 2.00 pm Late tenders will not be accepted. The tenders will be opened at Government Engineering College Thrissur on 22.2.2022 11.00 AM in the presence of such of the tenderers or their authorized representatives who may be present at that time. Intending tenderers may, on application to the Principal, Govt. Engineering. College, Thrissur, obtain the requisite tender forms on which tenders should be submitted. Application for the tender form should be accompanied by a cash remittance of **Rs.472 + postal charge** (400+18% GST(Rs 72))which is the price fixed for a form/set of forms and which is not refundable under any circumstances. The tender forms are not transferable. Sale of tender forms will be closed at 21.2.2022 1 PM. Cheques, postage stamps, etc., will not be accepted towards the cost of forms, nor will the forms be sent per V.P.P.

Tenders should be accompanied by EMD of 1%, subject to a minimum of Rs. 1500/- ,of the amount by DD drawn in favour of the Principal, Government.Engineering College, Thrissur with an agreement in Kerala Stamp Paper worth Rs.220/-. Details can be had from the Govt.Engineering College Office during working hours.


Principal
PRINCIPAL.
GOVT. ENGG. COLLEGE
THRISSUR.

Copy to

1. Notice Board
2. Sri Sijo Vadakkan ,CCF coordinator
3. Firms

TECHNICAL SPECIFICATIONS FOR 5 KVA OFFLINE UPS

Capacity	5Kva
Inverter Switching	Mosfet
Noise Level	< 60 Dba @ 1 meter
Operating Temperature	0-45 degree centigrade
Humidity	0 - 95% non-condensing
Total DC bus voltage	72 VDC
INPUT	
Input Voltage range	160 VAC to 280 VAC
PHASE	
Input Frequency Range	47-53 Hz
Input Low/High cutoff	< 170vac & > 270 VAC
OUTPUT	
Output Voltage	230 VAC
Voltage regulation	± 5%
Wave Form	Pure Sine wave
Frequency(Free running)	50hz +/- 5 %
Transfer time	< 8 Msec
Charging current	12 A
Charging voltage	54.8 V -56 V
Charger	Builtin solid state float cum boost charger with automatic boost/trickle charging modes with current limiting features
PROTECTION	
Inverter over temperature, electronic over voltage, under voltage	
, Output short circuit, Battery low, overload, OverCharge	
COOLING	
FORCED AIR COOLING	
INDICATORS	
Mains on Inverter On Battery low Overload Faults	
BATTERY	150 AH C10 RATED TUBULAR BATTERY -06 NOS
BATTERY STAND	REQUIRED
WARRANTY	2 year for UPS & 3 years for battery
QUALITY STANDARDS	
UPS	ISO 9001:2015, ISO 14001:2015, ISO 45001:2018
BATTERY	ISO 9001:2015, ISO 14001:2015, ISO 45001:2018


 PRINCIPAL
 GOVT. ENGG. COLLEGE
 THIRISSUR.