



**Centre For Research In Nanoscience And Nanotechnology**  
**University of Calcutta**

**Notice inviting Quotation No. Dir/072 /NIT /UPS/CRNN(2019) Dt. 07.08.2019**

Sealed tender bids are hereby invited from authorized suppliers/ agents along with necessary business documents for 02 nos. 6KVA online UPS. Specifications of the online UPS are given below. Intended agencies are requested to submit their bids including the current Trade License, PAN, GST certificate in closed envelopes. Tender should reach the office of the CRNN, University of Calcutta, JD-II, Sec- III, Salt Lake, Kolkata:- 700106, within 26<sup>th</sup> August, 2019 by 4pm.

Sl No	Parameter	Required Specifications
1	<b>Configuration &amp; Specification</b>	<b>6 KVA/ 5.4 kW @ 9.0 p.f.</b> True On-Line Double Conversion UPS System with Inbuilt Isolation Transformer. UPS should have inbuilt 1 Phase, Type 2 surge arrester ( <b>40kA</b> ) according to EN 61643-11. Operating Temp: 0-40 Deg C Relative Humidity: 95% Max. non-condensing 230V Input / 230V Output, 50Hz UPS must have inbuilt Electric Noise Filter have more than 50 picofarad in R-C filter
2	<b>Battery Back-up &amp; Other Details</b>	<ul style="list-style-type: none"><li>• The system must be capable of providing requisite battery back-up time of <b>60 minutes</b> using Sealed Maintenance Free Batteries.</li><li>• <b>Required VAH : 8064 VAH for 60 minutes back-up</b></li><li>• <b>Only single string battery bank to be used. (No paralleling of Batteries)</b></li><li>• Battery make: EXIDE/QUANTA/ROCKET or equivalent.</li></ul>
3	<b>Certification</b>	<ul style="list-style-type: none"><li>• <b>CE Certification</b>(confirming to IEC 62040-1 &amp; IEC 62040-2 Standards)</li><li>• <b>ISO 9001, ISO 14001, BIS, OHSAS 18001</b> certified.</li><li>• <b>RoHS Compliance</b></li></ul> <b>Copies of the above certifications should be submitted with the technical Bid.</b>

Terms and Conditions:

1. Product Brochure & Compliance Sheet should be attached with technical bid copy

(Prof. D. Guha)  
Director, CRNN