

Dr. Brojeswar Pal  
Assistant Professor



THE UNIVERSITY OF BURDWAN  
Department of Mathematics  
Golapbag, Purba Burdwan – 713 104  
West Bengal, India

## Tender Notice

Date: January 24, 2018

Sealed quotations are invited for taking rates for supply and installation of the following items for **UGC-BSR Research Start-Up-Grant (No. F. 30-383/2017 (BSR))** under Principal Investigator of Dr. Brojeswar Pal, Assistant Professor Department of Mathematics, The University of Burdwan, Golapbag, Burdwan 713 104.

Sl No	Item	Description
1	Online UPS (2KVA)	<p><b>Technical Specification:</b> UPS Toplogy: Double Conversion On-Line; Power Rating (VA / Watts): 1600 Watts / 2000 VA; Form Factor: Rack/Tower Convertible</p> <p><b>Output parameter:</b> Output Power Capacity: 1600 Watts / 2000 VA; Max Configurable Power: 1600 Watts / 2000 VA; Nominal Output Voltage: 230V; Output Voltage Note: Configurable for 220 : 230 or 240 nominal output voltage; Efficiency at Full Load: 92.00%; Output Voltage Distortion: Less than 3%; Output Frequency (sync to mains): 50/60 Hz +/- 3 Hz; Crest Factor: 3:01; Waveform Type: Sine wave; Output Connections: (1) Hard Wire 3-wire (H N + G),(8) IEC 320 C13(8); Bypass: Built-in Bypass; Output Short Circuit Protection: Yes; Parallel Redundancy (Option): 1 + 1</p> <p><b>Input Parameter:</b> Nominal Input Voltage: 230V; Input Frequency: 40/70 Hz +/- 5 Hz (auto sensing); Input Connections: Terminal Block; Protection: Thermal Circuit Breaker (250VAC/20A); Input voltage range for main operations full load: 160 - 280V; Input voltage range for mains operation half load: 100 - 280V; Green Mode Range: 210-250 VAC (230 V); High Voltage withstand Capability: 420 VAC</p> <p><b>Communications &amp; Management:</b> Interface Port(s): RJ 45; Available SmartSlot™ Interface Quantity: 1; Control panel: LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : Overload and Bypass Indicators; Audible Alarm: Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm Interface Cable Provided: Yes; UPS Monitoring &amp; Auto Shutdown Software: Yes; Emergency Power Off (EPO): Yes</p> <p><b>Environmental :</b> Operating Environment: 0 - 50 °C (de-rate above 40 degC); Operating Relative Humidity: 0 - 95% non condensing; Operating Elevation: 0-3000 meters; Storage Elevation: 0-15000 meters; Audible Noise : 45.00 dBA upto 70% load, 55dBA Max</p> <p><b>Conformance:</b> Regulatory Approvals: EN 60950,EN/IEC 62040-2; Standard Warranty: 2 years repair or replace/optional on-site warranties available,optional extended warranties available; Environmental Compliance: RoHS 7b Exemption,REACH: Contains No SVHCs; Quality:ISO 9001, ISO 14001, OHSAS 18001; Safety Markings: CE</p> <p><b>Other features of the system:</b> Type of UPS: Double Conversion on line ups Over load capacity: 125% 1 Minute 30 Second &gt; 150% to 175% 25 line cycles, &gt; 175% 5 line cycle , 110% infinite (Watts)</p> <p><b>Mechanical:</b> Rack Height: 2U; Weight Net (kg): &lt;10.5; Dimension: 432*85*483</p> <p><b>Battery parameters:</b> Battery System Voltage: 72VDC; Type: SMF, VRLA; VAH: 1872VAH</p>

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2	<b>USB Drive (32 GB)</b>	Read Speed: UPTO 150MB/s Interface: micro-USB and USB 3.0 connectors Compatibility: USB 3.0 (backward compatible with USB 2.0) Automatically-detected when connected to an OTG-enabled smartphone or tablet. Requires Android™ smartphone or tablet with On-The-Go (OTG) compatibility.
3	<b>OS</b>	Windows 10 Pro 64 1 user

Quotations should reach to “**Dr. Brojeswar Pal, Assistant Professor, Department of Mathematics, The University of Burdwan, Golapbag, Purba Burdwan 713104, West Bengal**” by **08.02.18** within **4.00 P.M.**

The authority reserves the right to accept or reject any or all the quotations without showing any reason or any correspondence whatsoever.

Dr. Brojeswar Pal  
Assistant Professor  
**Department of Mathematics, B.U.**