

## NOTICE INVITING QUOTATION

Sealed quotation affixing non-refundable court fee stamp of 8.25 are invited from the EOM/Dealer/Supplier for supply and installation of one number 10 KVA online UPS. The detail specification of same is as mentioned below. The reference number and subject of the quotation have to be mentioned on the envelop.

The last date of Submission: 16/09/2019 up to 1400 hrs.

Place of submission: "Tender Box" Handique Girls' College.

**TECHNICAL SPECIFICATIONS**

S1	Parameter	Required Specifications	Complied (Yes/No)
1	<b>Configuration</b>	<b>10 KVA On-Line UPS System with Inbuilt Isolation Transformer.</b>	
2	<b>Technology</b>	True On-Line Double Conversion UPS with PWM-IGBT technology.	
3	<b>Phase input</b>	<b>Single Phase. But should be facility of 3Phase in 1Phase Out Physically test on UPS at Site otherwise UPS work order shall be cancelled</b>	
4	<b>Upgrade facility</b>	<b>Should be Minimum 20KVA</b>	
5	<b>Capacity</b>	<b>10 KVA @ 0.9 PF</b>	
6	<b>AC Input Voltage Range</b>	160 V - 280 V AC, 1 Phase @full load	
7	<b>Input Frequency</b>	50Hz $\pm$ 10% (Suitable for Generators)	
8	<b>AC Output Voltage</b>	230 V AC, 1-phase $\pm$ 1% (Sine Wave Output)	
9	<b>Output Frequency</b>	50 Hz $\pm$ 0.05 Hz	
10	<b>Inverter Efficiency</b>	Better than 90%	

11	<b>Overload Capacity</b>	125% for 10 minutes, 150% for 60 seconds	
12	<b>Crest Factor</b>	Better than 4:1	
13	<b>Harmonic Distortion</b>	Less than 3%	
14	<b>Isolation Transformer</b>	UPS output should be fully isolated by double conversion and inbuilt isolation transformer within the UPS cabinet itself. External transformer shall not be considered. Isolation transformer capacity 20KVA	
15	<b>Ambient Conditions</b>	Operating Temp: 0-50 Deg C	
		Relative Humidity: 95% Max. non-condensing	
16	<b>Indications &amp; Audible Alarms</b>	Mains On, Inverter On, Overload, Load On Mains, Load On Battery, Battery Low	
17	<b>Digital Metering</b>	Digital display for measurement of AC Voltage, Battery voltage, Battery Current, Load Current, Output frequency.	
18	<b>Battery Back-up</b>	60 minutes battery backup time	
19	<b>Certification</b>	a) The offered UPS model should have <b>ISO-9001/ISO14001/RoHS/OHSAS/CE</b> & Other required Certification	

20	<b>After Sales Support &amp; Manufacturer's Credibility</b>	<ol style="list-style-type: none"> <li>1. UPS OEM Should have its own office at Guwahati with its own service network in Northeast to provide prompt after sales service in case of breakdown calls (Documentary evidence to be furnished)</li> <li>2. UPS OEM should have previous experience of supplying similar equipment and value to Govt Departments/Undertakings in Assam.</li> <li>3. Undertaking of OEM to use standard components and make available spares and replacement parts as and when required for a period of 06 years after commissioning.</li> </ol>	
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List of documents required along with the quotation:

1. Court Fee Stamp (Rs. 8.25)
2. Copy of Registration Certificate.
3. Copy of PAN.
4. GSTIN Certificate
5. Last 3 years Supply order in similar nature.
6. OEM/ Dealership Certificate

**Terms & Conditions:**

1. The rate(s) must be valid at least 30(thirty) days from the date of submission of quotation.
2. The supply & installation work has to be completed within 30(Thirty) days from the date of issue of order.
3. The rate(s) must be inclusive GST amount showing the percentage and amount of tax.
4. FOB to Handique Girls' College.
5. Payment will be made only after supply and installation of the supplied material(s).
6. No advance payment will be made.

Sd/-  
Principal  
Handique Girls' College  
Guwahati