

NOTICE INVITING TENDER
Campus Network Phase V, Computer Centre, Aligarh Muslim University, Aligarh-202002

No: NIT/AMU/Campus Network phase V /UPS

Dated: 19.07.2014

Sealed commercial on "RATE CONTRACT" duly typed in the given format on the firm's letter head are invited from the OEMs/firms who have been authorized by the OEM of the following items so as to reach the Office of the Director, Computer Centre, Aligarh Muslim University, Aligarh -202002 up to 04:00 p.m. on or before 10.08.2014.

| S. No. | Parameters | Specifications | Compliance (Yes / No) |
|--------|------------------------------|--|-----------------------|
| 1 | Brand & Country Origin | Vendor to specify | |
| 2 | Model No. | Vendor to specify | |
| 3 | OVCD | Inbuilt | |
| 4 | Latest Design | Pulse Width Modulation | |
| 5 | Switching Frequency | High Frequency | |
| 6 | Input Voltage | 110 V - 300 V AC,(1P+N), Phase with neutral &Earth | |
| 7 | DC BUS Voltage | 36VDC | |
| 8 | Input Frequency | 45 to 55 Hz | |
| 9 | Output Voltage | 230v(Adjustable) +/- 1.0 %, (1P+N),Phase with neutral &Earth | |
| 10 | Frequency | 50 Hz + 0.1 % | |
| 11 | Ratings | 1KVA(800W) | |
| 12 | Load Power Factor | 0.8 preference will be given if it is 0.9 | |
| 13 | Wave Form | Pure Sine Wave | |
| 14 | Distortion | < 5% on Linear Load | |
| 15 | Overload Rating | 110 % to 125% for 30 sec. | |
| 16 | Operating Temperature | 0 to 45° C, 90% R.H. (Maximum) | |
| 17 | Inverter Efficiency | Better than 90% | |
| 18 | Genset Compatibility | UPS System is fully Compatible to Genset | |
| 19 | Protections | Output Over-Voltage Output Overload. Output Short Circuit Battery Under-Voltage Battery over charge even in case of charger circuit/ rectifier failure | |
| 20 | Indications | MAINS / BATTERY / INV ON / LO BAT / OVERLOAD | |
| 21 | Alarms | Audible built in buzzer to operate on fault conditions. | |
| 22 | FILTER | BUILT IN EMI /RFI FILTER | |
| 23 | Crest Factor | 3:1 | |
| 24 | Certifications | ISO 9001, 14001, RoHS certified | |
| 25 | Product Certification | 62040-1 certified UPS | |
| 26 | Batteries Internal with make | 12v*7Ah*3nos Smf batteries, | |
| 27 | Warranty | 3 years comprehensive on-site | |
| 28 | Price | Inclusive of all Taxes | |



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| 3 | OVCD | Inbuilt | |
| 4 | Latest Design | Pulse Width Modulation | |
| 5 | Switching Frequency | High Frequency | |
| 6 | Input Voltage | 110 V - 300 V AC,(1P+N), Phase with neutral &Earth | |
| 7 | DC BUS Voltage | 96 VDC higher may also acceptable | |
| 8 | Input Frequency | 45 to 55 Hz | |
| 9 | Output Voltage | 230v(Adjustable) +/- 1.0 %, (1P+N),Phase with neutral &Earth | |
| 10 | Frequency | 50 Hz + 0.1 % | |
| 11 | Ratings | 3 KVA(2400W) | |
| 12 | Load Power Factor | 0.8 preference will be given if it is 0.9 | |
| 13 | Wave Form | Pure Sine Wave | |
| 14 | Distortion | < 5% on Linear Load | |
| 15 | Overload Rating | 110 % to 125% for 30 sec. | |
| 16 | Operating Temperature | 0 to 45° C, 90% R.H. (Maximum) | |
| 17 | Inverter Efficiency | Better than 90% | |
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