

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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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	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%	
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 External with make	12v*26Ah*8nos Smf batteries	
27	Warranty	3 years comprehensive on-site	
28	Price	Inclusive of all Taxes	

