

TENDER NUMBER : BI/TND/BIC/13-14/UPS/01

TENDER DATE : 10-04-13

DUE DATE: 26-04-13

TYPE: Limited

BRIEF DESCRIPTION OF THE TENDER

Sealed quotations are invited from enlisted vendors for the purchase of following stores from ISO – 9001 Certified Companies

3- Phase Input / 1-phase output 20KVA online double Conversion UPS System along with 30 minutes S M F Battery back up

1.	AC Input Voltage	415V -25% to + 10% : Three Phase / preventer
2.	Input Frequency	50HZ variation +/- 3HZ
3.	Back up Capacity	30 minutes S M F Battery
4.	Output Voltage	230Volt AC, 3 wire +/- 1%
5.	Adjustable range	Output Voltage Regulation +/-1% Single phase 230V
6.	Output Frequency	50Hz, +/- 0.2HZ (Free running)
7.	Wave form	Sine wave
8.	Harmonic distortion	Less than 3%
9.	Power Factor	0.8 lagging to unity
10.	Overload	110% for 5 sec IDMT 150% 5 cycles
11.	Crest Factor	Larger than 3: 1
12.	Cooling System	Air Cool
13.	By pass facility in case of UPS failure	
14.	Static by pass time	5 MS for Synchronous and 20 MS for asynchronous mode
15.	Distortion	< 3% for 100% linear load < 5% for 100% non linear load
16.	Variation	+/-10%
17.	Transient Voltage	within 2 cycles

Following faults & trip features with audio-visual indication should be provided:

1. Battery over voltage
2. Battery under voltage
3. Output AC over voltage
4. Output overload/short circuit
5. Phase fail
6. LCD Display

Warranty : 2 Years for UPS and Battery

Payment terms: Payment will be released after delivery and successful installation accompanied with submission of 10% of the ordered value as performance bank guarantee drawn on any nationalized bank of India.

The covering letter of the quotations should be addressed to Registrar, Bose Institute and should be sent to The Scientist-in-Charge, Bioinformatics Centre, Bose Institute, P-1/12 CIT Scheme VII M, Kolkata 700054. Mention the tender number on the top of the envelope. The quotations should reach us before 2pm on 26/04/2013. The quotations will be opened at 3pm on 26/04/2013.

Contact person: Tushar Bhattacharya 9433096088 (m) during Office hours.