

DEPARTMENT OF MECHANICAL ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY DELHI

Subject: NIQ for 2nos. (10 KVA) online UPS.

08/06/2012

Sealed quotations of technical and commercial bid are invited for purchase of 10 KVA online UPS as per specifications given below. Your sealed quotation should reach latest by 5:00 PM on or before 22/06/2012 to Room No. II/420 Department of Mechanical Engg., Indian Institute of Technology – Delhi (IIT Delhi), Hauz Khas, New Delhi - 110016. Your quotation should be super scribed “Quotation for 10 KVA online UPS due on 22/06/2012”.

Technical Specification (UPS no: 1)

01.	Power Rating	10 KVA
02.	Input supply	3 Phase
03.	Output supply	3 Phase
04.	Wave form	pure sine wave
05.	By pass switch	Static and manual
06.	Technology	Double conversion high frequency PWM with IGBT technology with built in isolation with Phase sequence corrector
07.	On-line transfer time	Zero (line fails or recovers)
08.	UPS fault transfer time	<4 ms (Auto by – pass activation or recovers)
09.	Bypass	Automatic internal bypass, with resettable audio warning
11.	Protection	Input AC over / under voltage & short circuit, output over Voltage, overload & short circuit, over temperature, battery over charge, battery low
12.	Visual indications	Mains on/off, overload on inverter, load on standard, battery discharge/charging, low battery indication / overload indication
13.	SNMP	SNMP based monitoring and management, password protected from any node
14.	Model	Model no. of the UPS to be specified
15.	Generator compatibility	The UPS should be generator compatible with power walk-in Facility
16.	Certifications	the UPS must be CE & UL Certified, include copy of certificate
17.	Battery	Sealed maintenance free: 30 Nos. 42 AH/12 Volt

Technical Specification (UPS no: 2)

01.	Power Rating	10 KVA
02.	Input supply	3 Phase
03.	Output supply	1 Phase
04.	Wave form	pure sine wave
05.	By pass switch	Static and manual
06.	Technology	Double conversion high frequency PWM with IGBT technology with built in isolation with Phase sequence corrector
07.	On-line transfer time	Zero (line fails or recovers)
08.	UPS fault transfer time	<4 ms (Auto by – pass activation or recovers)
09.	Bypass	Automatic internal bypass, with resettable audio warning
11.	Protection	Input AC over / under voltage & short circuit, output over Voltage, overload & short circuit, over temperature, battery over charge, battery low
12.	Visual indications	Mains on/off, overload on inverter, battery charge/discharging, low battery indication
13.	SNMP	SNMP based monitoring and management, password protected monitoring from any node
14.	Model	Model no. of the UPS to be specified
15.	Generator compatibility	The UPS should be generator compatible with power walk-in Facility
16.	Certifications	The UPS must be CE & UL Certified. Include copy of certificates
17.	Battery	Sealed maintenance free: 16 Nos. 200AH/12 Volt

Terms and conditions:

1. The quotations must be submitted with technical brochure, pamphlet etc.
2. The quotations must be submitted in rupee only.
3. Warranty: 2 years (comprehensive on-site).
4. Certificate of the quoted model (copy to be attached).
5. No query regarding the tender will be entertained.

(Prof.S.Mukherjee)
PFC Chairman

NOTE: The committee has all rights to accept or reject any or all quotations without assigning any reasons.