

DEPARTMENT OF MECHANICAL ENGINEERING  
INDIAN INSTITUTE OF TECHNOLOGY DELHI

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

**27/10/2011**

Sealed quotations in separate envelop of technical and commercial bid kept in one sealed outer envelop 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 **15/11/2011 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 superscribed “Quotation for **10 KVA online UPS** due on **15/11/2011**”.

**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 <b>built in isolation with Phase sequence corrector</b>
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 overVoltage, 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-inFacility
16.	Certifications	The manufacturer & bidder of the equipment must have ISO Certification & the UPS must be <b>CE &amp; UL Certified, include copy of certificated</b>
17.	Battery	Sealed maintenance free of Exide, Global, Quanta: <b>30 Nos. 42 AH/12 Volt</b>

### 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 <b>built in isolation with Phase sequence corrector</b>
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-inFacility
16.	Certifications	The manufacturer & bidder of the equipment must have ISO Certification & the UPS must be <b>CE &amp; UL Certified. Include copy of certificates</b>
17.	Battery	Sealed maintenance free of Exide, Global, Quanta: <b>16 Nos. 200AH/12 Volt</b>

#### Terms and conditions:

1. The quotations must be submitted with technical brochure, pamphlet etc.
2. The quotations must be submitted in rupee only.
3. **The quotation must be submitted on or before 15/11/2011 upto 5.00 p.m.**
4. **Warranty:** 2 years (comprehensive on-site).
5. ISO Certificate (Both for Bidder & Manufacturer), CE & UL Certificate of the quoted model (copy to be attached).

6. If the bidder is not a manufacturer authorization from the manufacturer to be attached.
7. The Manufacturer must have at least 10 years sales/service setup in India (Certificate of Incorporation to be attached).
8. Manufacturer/Bidder should have a **single service contract of more than 30 lakhs** from a Reputed corporate/government for servicing of UPS during last three years (a copy of the Order to be attached).
9. No query regarding the tender will be entertained.

(Prof.S.Mukherjee)

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