

DEPARTMENT OF MECHANICAL ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY DELHI

09/10/2012

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

Sealed quotations 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 23/10/2012 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 23/10/2012”. Quotation form attached must be printed out and filled by hand has to be the first page of the document.

Technical Specification (UPS no: 1)

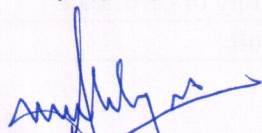
01.	Power Rating	10 KVA
02.	Input supply	3 Phase
03.	Output supply	3 Phase
04.	Wave form	pure sine wave
05.	By pass switch	Static and manual
06.	Technology	Double conversion high frequency PWM with IGBT technology with built in isolation with Phase sequence corrector
07.	On-line transfer time	Zero (line 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 along with technical brochure, of the item quoted.
2. The quotations must be submitted in rupee only.
3. Warranty: 2 years (comprehensive on-site).
4. Payment will be 100% by Bank transfer on satisfactory installation. (Vendor has to register with the IIT for this purpose.)
5. I.I.T reserves right to relax condition/specifications if none of the quotes satisfy the specification above.
6. 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.

Organization Letter Head

Quotation Form

Ref. No. _____

Dated: _____

Sub.: Quotation for _____

against IIT Delhi NIQ No. _____

Dt. _____

S.No.	Item Description	Qty.	Amount
1.		<u>1</u>	
2.		<u>1</u>	

Total _____

Discount if any in %(-) _____

Subtotal _____

CST/D.VAT _____

(Whichever applicable)

Or _____

P&F/Insurance of other Charges _____

Grand Total _____

The following are certified (please sign on each point that you want to certify):

1. Phase sequence corrector is built in with isolation system: _____

2. Battery for item 1 includes 30 Nos 42AH, 12V battery: _____

3. Battery for item 2 includes 16 Nos 200AH, 12V battery: _____

4. The models quoted for at items 1 and 2 are CE and UL certified and copies of the certificates are attached in the next pages: _____

5. Remark if any: _____

Seal of the Organization

Signature: _____

Name : _____

Designation: _____