

Department of Computer Science & Engineering

Sub: Sealed Quotations are invited for 40 KVA online UPS.

Due Date: - 11.00 a.m. on 31/10/2013

Sealed Quotations are invited from reputed manufacturer/Bidder for purchase of one set of 40 KVA UPS in the Department. There will be a two bid system-a technical bid & a financial bid. The technical bid should also contain post warranty AMC terms. Technical bid should not contain any commercial information else will be rejected. The financial bid will be opened only if technical bid functionally meet the tender specification. Before submitting the tender read terms & condition carefully.

Technical specification of 40 KVA UPS

S.No.	Item	Description
1.	Power Rating	40KVA
2.	Input Supply	3 phase
3.	Output Supply	1 phase
4.	Input voltage	(230VAC \pm 25%)
5.	Input frequency	50 / 60 Hz \pm 5 Hz
6.	Output voltage	230 VAC \pm 1%
7.	Output frequency	50 Hz
8.	Wave form	Pure sine wave
9.	Harmonic distortion with linear loads	Less than equal to 3%
10	Harmonic distortion with non-linear load	Less than equal to 5%
11.	By pass switch	Static and manual
12	Crest factor	3:01
13	Over load capacity	125% - 1 min ,110% for 1 Hour
14	Input power factor	0.9
15	Output power factor	0.9,means 40 K=36KW
16	Technology	Double conversion high frequency PWM with IGBT technology with built in isolation
17	On-line transfer time	Zero (line fails or recovers)
18.	UPS fault transfer time	<4 ms (Auto by-pass activation or recovers)
19	Overall efficiency (AC to AC)	90%
20.	Automatic internal bypass	Automatic internal bypass
21	Protection	Input AC over/under voltage & short circuit, output over voltage, overload & short circuit, over temperature, battery overcharge, batter low, polarity inversion correction
22	Phase Sequence corrector	External Automatic Phase Sequence Corrector required: 3 Phase incoming supply has to be given in the right sequence, i.e. (R, Y, B).
23	Isolation	Inbuilt Isolation transformer
24	Paralleling Feature	Paralleling Feature to be inbuilt
25	Visual indications	Mains on (load or mains), load on inverter, load on standard battery charging, low battery indication / overload indication
26	SNMP	SNMP based monitoring and management using IP based SNMP network management systems thus providing centralized monitoring and monitoring from any node
27	Confirmation	Confirmation required, that the UPS Can work without Bypass Power supply & Should be Generator Compatible
28	Battery & Rack	20 No's 200AH/12 Volt. SMF Battery(Rocket/Quanta/Exide) with good Quality Rack

TERMS AND CONDITIONS:

1. ISO 9001: Both for Bidder & OEM
2. ISO 140001 of OEM
3. CE Certificate of OEM
4. UL Certificate of OEM
5. If the Bidder is not a Manufacturer, Authorization from Manufacturer to be enclosed specific to this tender at a recent date in original.
6. The Manufacturer should have more than 10 years of sale/service set up in INDIA.
(Certificate of Incorporation to be enclosed)
7. Original Catalogue of manufacturer.
8. Manufacturer should have a single service contract of more than 25 lakh from a reputed Corporate for servicing various UPS, to see the service capability of Manufacturer, within last six years (copy of Order to be enclosed).
9. Only INR bids will be accepted
10. Spare part replacement and repair must be guaranteed within 5 days.
(A Performance Bank guarantee of 5% of total purchase is required).
11. The OEM Annual Turnover must be more than 30 Cores INR.
12. Technical Compliance chart should be strictly attached with Bid.
13. IIT Delhi reserves the right to reject or accept any bid without assigning any reason thereof.
14. IIT Delhi is registered with DSIR, Govt. Of India and is, therefore, exempted from Excise Duty. Exemption letter for Excise Duty, if required shall be issued by the Institute.
15. 100% payment would be released after successful installation as per IIT norms.
16. Warranty should be mentioned clearly minimum 2 years on UPS and batteries.
17. AMC rates post warranty must be specified as %age of UPS cost (excluding battery cost).
18. Prices should be inclusive of all taxes and installation charges and should be CIF IIT Delhi.
19. Quotations not sent in separate covers for technical and commercial bids are bound to be rejected.
20. Validity of quotation should be minimum 90 days from the date of submission.
21. Quotation must indicate a delivery schedule, which in no case should exceed 4 weeks from the date of placement of order.

Your quotation in a sealed envelope should reach the office of CS&E, IIIrd Floor, Room No. 404, Bharti Building, IIT Delhi by 11.00 a.m. on 31/10/13. Quotations received after the due date and times are bound to be rejected.

Head, CS&E