

Indian Institute of Corporate Affairs
Ministry of Corporate Affairs (Govt. of India)
Plot No.p 6, 7 & 8, Sec. - 5, IMT Manesar, Gurgaon

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TENDER ForSupply, Installation, Testing& Commissioning of UPS system forServer room
at IICA, IMT MANESAR.

Sealed tenders are invited for the Supply, Installation, Testing& Commissioning of UPS for the server room, located at IICA Manesar campus, establishing and setting up ofUPS with 10 to 12 hour backup up for server rooms at Indian Institute of Corporate Affairs, Plot No 6, 7 & 8, Sector -5, IMT Manesar, Gurgaon.

SCHEDULE

Last Date/Time for receipt of Bids	:	17-04-2013/3:00 PM
Date/Time of Opening of Bids	:	17-04-2013/3:30 PM
Place of Opening of Bids	:	Indian Institute of Corporate Affairs Plot No –p 6, 7 & 8, Sector – 5, IMT, Manesar, Gurgaon.
Address for Communication	:	Indian Institute of Corporate Affairs Plot No – p 6, 7 & 8, Sector – 5, IMT, Manesar, Gurgaon.

ELIGIBILITY CRITERIA FOR BIDDERS

- A. Bidder should be a reputed firm/dealer having minimum of two years experience in the field of setting up IT/Electronics/ Electrical services.
- B. Vendor should submit its PAN, and Tax/VAT/Regis. No's, List of past and present clients to be attached.
- C. For after sales services the agency shall be available at all times and communicationby Tele/E-Mail/Fax to agency shall be acknowledged immediately on the same day.
- D. Minimum experience in the line: 02 Years.

WORK SPECIFICATION AND STANDERS

1. GENERAL TERMS:

- i. Vendor should submit its PAN, Tax/VAT/Regis. Nos.
 - ii. For after sales services the agency shall be contactable at all times and communication by Tele/E-Mail/Fax to agency shall be acknowledged immediately on the same day.
2. **PRICE:** Please furnish your offer w.r.t. to providing the services at IICA Manesar Campus. The price quoted shall be firm throughout the quote validity period and not subject to escalation of any kind whatsoever.
 3. **NO PART QUANTITY ACCEPTANCE:** Your price should be valid for full quantity of batteries specified for Battery Bank. There should not be any Minimum Order Quantity criteria.
 4. **DELIVERY SCHEDULE:** Within 2-3 weeks on releasing the Purchase Order. Penalty for delay in delivery shall be @1% per week. Deliveries offered beyond the stipulated schedule will not be acceptable.
 5. **TAX:** Please indicate all the applicable Taxes or Charges like VAT, Octroi, and Freight or Other Taxes/Charges (if applicable) must be mentioned in the price schedule. Any type of correction / addition in Price Schedule shall not be permissible.
 6. **WARRANTY PERIOD:** The UPS system should be guaranteed for 1 Yr (minimum) of operation. Premature failure, if any, shall be suitably compensated by replacement on site basis.
 7. **PAYMENT TERMS:** Payment shall be 100% against delivery & successful Installation, testing.
 8. **SUBMISSION OF QUOTATION:** Your offer in Original, Complete in all respect should reach us latest by "21/01/2013".

TECHINCAL PARAMETERS

- Scope of contract shall cover the Supply, Installation, Testing, Commissioning, and Performance and guarantee tests, putting into technical operation of the UPS system in accordance with the working with the server room.
- New UPS should have 10 to 12 hours backup capacity.
- Installation of batteries with interconnecting rods and battery stand with all accessories.
- The arrangement of Battery Charger for initial charging of Batteries shall be in Contractor's Scope.
- All the Safety materials, Tools and Tentacles should come under the scope of contract and will be the responsibility of the bidder.

CLARIFICATIONS ON DOCUMENTS AND SPECIFICATIONS

- The bidder is advised to visit and examine the site where the facilities are to be installed and its surroundings and obtain for itself on its own responsibility for all information that may be necessary for preparing the bid. The costs of visiting the site shall be at the bidders own expense.
- The bidder and any of its personnel or agents will be granted permission by the IICA to enter upon its premises and lands for the purpose of such inspection, but only upon the express condition that the bidder, its personnel and agents will release and indemnify the IICA and its personnel from and against all liability in respect thereof and that the bidder will be responsible for death of or an injury to any personnel, loss of or damage to property and any other loss, damage, costs and expenses incurred as a result of the inspection.

INSTRUCTIONS FOR BIDDERS

1. Tender should be in sealed cover as a single composite bid. All Columns in the Tender Performa shall be filled clearly.
2. All sealed envelopes shall be clearly marked with name of work and name of bidders and shall be submitted before 3:00 PM on 17-04-2013. Tenders received after due date will not be entertained.
3. The bid should be accompanied by an Earnest Money Deposit (EMD) by Demand Draft/Pay Order of Rs 10,000/- (Rupees Ten only) in favour of Indian Institute of Corporate Affairs, Payable at New Delhi, drawn on any schedule Bank. Tenders without EMD will be rejected.
4. Tenders should sign at the bottom space of all pages of tender document. The technical bid shall be opened at IICA, Manesar.
5. EMD of the successful bidder shall be forfeited in the event of withdrawal of his bid before the bid validity period on non-completion of the task.
6. EMD of unsuccessful bidder shall be returned after a decision on the tender is taken. No interest will be paid by IICA on the EMD.
7. No bidder shall contact the IICA on any matter relating to its bid, from the time of bid opening till the contract is awarded.
8. Any effort by a bidder to influence the IICA in the IICA's bid evaluation, bid comparison or contract award decisions may result in rejection of the bidders bid.
9. The notification of award will constitute the formation of the contract.
10. The Tenders submitted beyond the date and time fixed shall be summarily rejected.
11. Any postal delay or loss in transit will not bind IICA. Without assigning any reason.
12. Indian Institute of Corporate Affairs, reserves the right either to accept or reject any or all the tenders at any time prior to award of contract.

Administrative Officer

SIGNATURE OF TENDERER.....

DATE:

General Specifications:

On-Line (10 KVA) UPS with isolation transformer suitable for Three Phase AC Input and Single Phase AC Output, Floor Mounted Type

- a. UPS shall be free from workmanship defects, sharp edges, nicks, scratches, burs, etc. All fasteners shall be fixed properly. The equipment shall be complete with all parts and all parts shall be functional.
- c. By-pass facility shall be provided for maintenance of UPS.
- d. UPS shall supply output power and charging current at the same time.
- e. Switching device shall be MOSFET or IGBT and the same shall be confirm in the offer.
- f. Switching frequency shall be above 10 KHz and shall be declared in the offer.
- g. KW rating of the UPS shall be 0.70 times the KVA rating.

2. Input

- a. 300V-450V, 50 +/-3%Hz three phase AC

3. Output

- a. 230V +/-1% (with alternative setting for 220V +/-1%) 50 +/-0.5Hz, single phase.
Voltage regulation from no load to full load shall be within +/-1% in both the cases. UPS shall also have facility for operation in synchronous mode in which output frequency shall be same as that of mains frequency.

- 4. Total harmonics distortion at output: 2% maximum for UPS up to 5KVA and 3% maximum for UPS above 5 KVA on resistive load. If total input harmonics are less than or equal to 10%.

- 5. Efficiency (at rated output KVA Rating, rated Pf, rated voltage and frequency)

- a. Overall efficiency (minimum): 90%

- 6. UPS power factor at rated load: better than 0.9 lagging at input side.

- 7. Over load: UPS shall withstand 20% overload for 10 minutes and 50% over load for one minute.

- 8. Protections:

Following protection shall be provided in UPS:

- a. Over voltage, short circuit, and overload at UPS output terminal.
- b. Under voltage at battery terminal.
- c. Over shoot and under shoot shall not be greater than 4% of rated voltage for duration of 40m sec. (maximum)

- 9. Indicators and meters

- a. Following indicators shall be provided:-
 - (i) Mains presence.
 - (ii) Battery charging and discharging
 - (iii) Output overload
 - (iv) Low battery voltage.

- 10. Battery bank:

- a. UPS shall be supplied with SMF battery of reputed brands like EXIDE, Panasonic, Amron only.

- b. Tenderers shall declare battery AH capacity, battery voltage, number of batteries of each rating, make and model of batteries offered with each item of UPS.

c. Batteries for UPS shall be of the following makes:-

Exide, Panasonic, Amron make only.

d. The UPS shall be complete with Trolley for battery bank and the firms shall also connect the batteries with UPS and commissioned the same.

e. Minimum VAH rating of battery bank for different duration of back up time shall be as detailed below:

UPS rating in KVA	Min.VAH 30 minute back up	Min. VAH 60 minute back up	Min VAH 120 minute back up	Min. VAH 240 minute back up
10 KVA	8000	16000	32000	64000

ANNEXURE – I**FORMAT OF PRICE**

S.No	Description	Made/Brand	Unit	Rate/Unit	Quantity	Total
1.	(a) UPS system					
2.	(b) Batteries(VAH)					
	(b) Cost of standard accessories / tools for operation and maintenance of the battery					
	c) Suitable good quality Wooden or iron Stillage Battery Stand.					
	d) Erection, Commissioning and testing of above batteries.					
	e) The arrangement of Battery Charger for new batteries for initial Charging.					
3.	Packing & Forwarding					
4.	Excise Duty					
5.	Service Tax against the service portion					
6.	Freight					
7.	insurance					
8.	Entry Tax					
9.	Others if any, please specify					