

National Electric Power Regulatory Authority

NEPRA

Purchase of 01 UPS for Datacenter Servers and 19 UPSs for Individual's Desktop Computers

NEPRA Bid No. 03/2015

Bid Serial No. _____ Dated: _____

Name of the firm to which tender documents are being issued:

Signature
of Bid Issuing Officer

SCHEDULED FOR BID NO. 03/2015

| Sr. # | UPS Rating | Required for | Qty. | Make/Model/Specification | Price (Rs.) |
|-------|-------------------------|--|------|--------------------------|-------------|
| 1. | 16 KVA with dry battery | Datacenter Hardware:- CISCO Catalyst 3750 Series Fibber Switches – (2) Dell Power Edge 2900 Servers – (2) Dell Power Edge T110 Server Dell Power Edge 1800 Server | 01 | | |
| 2. | 1 KVA with dry battery | Individual Desktop Computers UPS with dry battery | 19 | | |

We M/s. _____ hereby undertake to accept all the terms and conditions laid down by NERPA with regard to award of this contract.

Signature of Bidder

Enclosure:

1. Terms and Conditions **Annex – I** (03 pages)
2. Specifications **Annex – II**

Terms & Conditions

Purchase of 01 UPS (16 KVA) for Datacenter Servers and 19 Nos. UPSs (1 KVA) for Individual's Desktop Computers/Datacenter Switches/Wi-Fi Routers

The Authorized firms/Companies throughout the country (preferably having a setup at Islamabad/Rawalpindi) are requested to submit, according to required specifications, sealed bids for supply of 01 UPS for datacenter services, 19 UPSs for individual's desktop computers, datacenter switches & Wi-Fi routers with different parameters as per following detail:

| Sr. # | UPS Rating | Actual Power | Qty | Required for |
|-------|-------------------------|--------------|-----|--|
| 1. | 16 KVA with dry battery | 14400 W | 01 | <u>Datacenter Hardware:-</u> CISCO Catalyst 3750 Series Fibber Switches – (2) Dell Power Edge 2900 Servers – (2) Dell Power Edge T110 Server Dell Power Edge 1800 Server |
| 2. | 1 KVA with dry battery | 600 W | 19 | Individual Desktop Computers, datacenter switches & Wi-Fi routers UPS with dry battery |

2. The bidding firm must provide the following:
- i. NTN & Sales Tax Certificate
 - ii. Proof of physical set-up preferably in Rawalpindi/Islamabad.
 - iii. Proof of minimum 03 years' experience with documentation
 - iv. List of major clients
 - v. Affidavit that the bidding firm has not been blacklisted.
 - vi. Proof that bidder had been involved in UPS business in past.
 - vii. Last 02 years bank statement.

Technical Evaluation Procedure:

| Description | Marks | Detail |
|--|-----------|---|
| Bidder should be in UPS business at least 03 years. [1 mark per year beyond 03 (three) years] | 10 | Date of establishment will be taken from NTN certificate. |
| Similar Type of UPS sold to client since last 5 years. [5 Marks each job, maximum 06 contracts/jobs will be considered] | 30 | Proof must be provided. |
| Financial Soundness | 15 | Last 02 years bank statement. |
| Litigation History [5 marks will be awarded to the applicants having no litigation processed / in process against them] | 5 | Affidavit on Rs. 20/- stamp paper must be attached. |
| Total | 60 | |

Note: The above data forms can be verified independently by NEPRA and any misstatement by the bidder may result in termination of contract, forfeiture of pending payments along with performance security and black listing of company etc.

Financial Evaluation Procedure

| Hardware Item/ Model | Qty. | Rate (Rs.) Inclusive of all taxes | Marks |
|---|------|---|--|
| Data Center Hardware: <u>Actual Power:</u> 14400 W <u>UPS Rating:</u> 16 KV _a | 01 | Rs. _____ per unit | Total = 15 1st Lowest: 15 2nd Lowest: 12 3rd Lowest: 9 |
| Individual Desktop Computers, datacenter switches & Wi-Fi routers with dry battery: <u>Actual Power:</u> 600 W <u>UPS Rating:</u> 1 KV _a | 19 | Rs. _____ per unit X 19 units = Rs. _____ | Total = 15 1st Lowest: 15 2nd Lowest: 12 3rd Lowest: 9 |

3. The bid should accompany with bid security of Rs. 20,000/- in the form of pay order (refundable) in the name of NEPRA. No Technical Proposal will be entertained without the bid security.
4. Successful bidder will have to accept the purchase order within 03 days after issuance of the same.
5. Successful bidder will submit 5% of the total bid price in the form of pay order in the name of NEPRA along with the signed agreement as performance security, which shall be released on successful completion of work.
6. Delivery of the said products shall be made within 15 days after placement of work order.
7. Minimum validity of bid shall be 30 days.
8. Bidder himself will be responsible for ensuring that his bid submitted in accordance with the instructions stated herein. Any bid submitted after the dead line prescribed for submission of the bids will not be considered/entertained.
9. The firm shall not be allowed to transfer, assign, pledge or subcontract the assigned work to any other firm.
10. Incomplete bids as well as those which are not in accordance with the prescribed specifications as at Annex-II will not be entertained.
11. The bidder cannot modify or withdraw his bid after submission of the bid.
12. All the bids may be accepted / rejected as per Public Procurement Rules, 2004.
13. The bidding will be "**Single Stage Two Envelop Bidding Procedure**" and the minimum threshold for qualifying in the technical proposal is 60%.
14. Weightage of Technical and Financial proposals will be 60% and 40% respectively. The bidder obtaining highest marks combining Technical and Financial proposals will be awarded the contract. If two or more bidders obtain equal marks in Technical proposal, then the contract will be awarded to the one with lowest financial bid.
15. The bidder will submit Technical & Financial bids separate envelopes, clearly marked as Technical & Financial proposals.
16. NEPRA reserves the right to forfeit the security deposit in case of breach of agreement by the contractor.
17. The bids, prepared in accordance with the instructions in the bidding documents, must reach the office of Assistant Director (Admn), NEPRA Tower, Attaturk Avenue (East), G-5/1, Islamabad on or before April 14,2015 before 1400 hrs. Bids will be opened on the same day at 1430 hrs. The advertisement is also available on PPRA website at www.ppra.org.pk.

GENERAL TERMS AND CONDITIONS

18. **Scope of Work:**
 - a. Supply, complete installation and commissioning of modular UPS along with hot swappable batteries and PDUs complying with given technical specifications, along with accessories and necessary documentation at NEPRA HQ.

- b. Providing service and onsite support during warranty period as per NEPRA's requirement without any extra cost to the NEPRA. The support should be directly from the supplier/ UPS manufacturer.
19. **Warranty and Support:**
- a. On-site, comprehensive and BACK-TO-BACK from supplier for a period of one year from the date of installation.
 - b. Replacement of failed hardware/ components within 24 hours, without any cost to NEPRA during warranty period of one year.
20. **Maintenance:**
- a. Periodic preventive maintenance of UPS and its components, once in a quarter by the supplier.
 - b. The bidder to note that, the NEPRA reserves the right to upgrade the UPS as and when required by addition of power modules, batteries or PDUs.
 - c. The System spare parts/services, as and when required, and complete maintenance of the Systems during warranty period of one year.
21. Bidder must clearly mention the model, specifications and warranty of equipment.
22. The successful bidder shall be responsible for timely supply of equipment, its installation at NEPRA Headquarters, Attaturk Avenue (East) G-5/1, Islamabad.
23. Deduction of tax will be made at source according to law.
24. The Payment will be made subject to the following:
- (a) Bill in original/Sales tax invoice
 - (b) Delivery Challan.
 - (c) Warranty Certificate.
 - (d) Assurance by the supplier that equipment is according to the NEPRA specification.
 - (e) Certificate by the IT Section of NEPRA that equipment conforms to required specifications and is performing satisfactorily.

Technical Specifications of 16 KVA UPS

| Specifications | |
|------------------------|--|
| Rating | 16 KVA |
| Actual Power | 14400 W |
| Input Power Factor | 0.99 |
| Output Power Factor | 0.9 |
| Input Voltage Range | 228 - 478 VAC |
| Input Frequency | 50/60 Hz \pm 5% |
| Technology | Double Conversion True On-Line |
| Efficiency | Upto 94% |
| Audible Noise | < 58 dbA |
| Parallel Operation | 3 + 1 Parallel Operation |
| Recharge Time | 4.5Hrs max. Charging Power |
| Wave Form | Pure Sine Wave |
| Rack/Tower Convertible | Yes |
| Rack Height | 3 U |
| Overload Capacity | 105 to 130% for 1 minutes, >150% for 10sec |
| Included | Transformer less technology, modular IGBT rectifier, Internal by pass switch |
| Batteries | With external Dry, AGM VRLA (imported) batteries |
| Battery Cabinet | Internal strings of 12V 7Ah |
| Backup Time | Battery Bank for (40 to 60 min), Circuit Breaker, Cable + accessories. |
| Warranty | 1-Year (Min) |

Technical Specifications of 1 KVA UPS

| Specifications | |
|---|--|
| Rating | 1 KVA |
| Actual Power | 800 W |
| Nominal Output Voltage | 230V |
| Wave Form | Online Sine Wave with double conversion at "0" transfer time |
| Frequency | 50/60Hz (Auto Sensing) |
| Input voltage range for main operations | 162-290V |
| Automatic Voltage Regulator | Yes |
| Nominal Input Voltage | 230V |
| Alarms | yes |
| Generator Compatible | Yes |
| Storage Temperature | -25 - 45 C |
| LED status indicators | YES |
| Auto restart with AC recover | YES |
| Off Mode Charging | YES |
| Recharge Time | maximum 4-5 hours to 95% |
| Batteries | With external dry, AGM VRLA (imported) battery |
| Backup Time | (30-min) Minimum |
| Warranty | 1-Year (Min) |