

SPICES BOARD  
(Ministry of Commerce & Industry, Govt. of India)  
Palarivattom.P.O. N H By Pass  
Kochi –682025  
Phone: 0484-2333603  
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REQUIREMENT OF ONLINE UPS SYSTEMS FOR BOARD'S QUALITY LAB IN GUNTUR(A.P)

No.EDP/PHW/02/09

Dated 12th Aug 2009

Sealed quotations are invited for supply and installation of reputed brands/makes of UPS Systems with batteries as per the requirement and specification given in Annexure - I, subject to terms and conditions given in Annexure-II. The UPS Systems and batteries shall be supplied and installed in the following Location:

SPICES BOARD  
HOUSE NO: 5-91 - 4TH LINE  
LAKSHMIPURAM  
GUNTUR  
ANDHRA PRADESH - 522007  
TELEPHONE 0863 - 2354782  
FAX 0863-2338570 , E\_MAIL sbzo@sify.com

The quotations, addressed to the Dy. Director(EDP), Spices Board, Cochin-25, should reach EDP Dept. of the Board latest by 5.00 p.m on 20<sup>th</sup> Aug 2009. The quotations will be opened at 11.00 a.m on 21st Aug 2009 in the presence of available vendors. The sealed cover containing the quotation shall be superscribed as "Quotation for UPS due on 20th Aug 2009 (EDP Dept)". As per normal payment terms of the Board, 90% of the payment will be released on delivery of items subject to inspection and, balance, on successful installation of the items. Spices Board has no 'C'/'D' forms. The Board reserves its right to reject any or all quotations without assigning any reason thereof.

Sd/-

Dy.Director(EDP)

Encl : as above.

**Requirement :**

- 1) Online UPS 15KVA with isolation transformer - 1 No
- 2) Online UPS 10KVA with isolation transformer - 3 Nos approximately

**Specification**

	Normal load to connect	Back-up time	VAH required
15KVA	54 amps	Two Hours	42000
10KVA	36 amps	Two Hours	28000

**Common Specifications**

Battery : Exide tubular 6EL  
 Input : Three phase  
 Output : Three phase

Warranty : 3 year for UPS and battery

Certification: ISO 9000 certification in design, development and manufacture of UPS Systems.

Technology	PWM IGBT
Output Wave Form	Pure Sine wave
Efficiency	90% minimum (at rated output voltage and frequency)
UPS power factor	better than 0.9 lagging
Output Frequency	50 Hz (+/- 0.01 Hz)
Overload capacity	120% for 10 minutes and 150% for 1 minute
Protection	Short Circuit Protection, Cut off for over/under voltage in output/input, Lightning & Surge Protection Electronic over current trip with reset  By-pass facility for maintenance
Indications	Mains present, output overload, low battery, Battery charging/discharging Beep Sound to alert mains off
Digital meter	Input AC voltage, Output AC voltage, current & frequency Battery voltage and current

## TERMS AND CONDITIONS

- ✍✍ The Tenderer shall submit along with the tender an EMD of Rs.5000/- (Rupees Five Thousand Only) in the form of Demand Draft in favour of Secretary, Spices Board. The EMD should be submitted in a sealed cover marked on the outside with the word 'EMD'. The EMD of unsuccessful Tenderer(s) will be refunded, after short-listing of proposals, without any interest. In case the tenderer withdraws from the process, the EMD deposited by him will be forfeited. EMD of the successful tenderer will be retained by the Board as security deposit till the successful completion of System installation. No interest shall be payable on this.
- ✍✍ The tender received after the prescribed date and time and without EMD will be summarily, rejected.
- ✍✍ There is no separate tender document. This enquiry notice can be downloaded from Board's web site at <http://www.indianspices.com/html/quot.php> for tender submission.
- ✍✍ UPS shall be supplied from a factory with ISO 9001:2000 certification in manufacture of UPS Systems.
- ✍✍ UPS shall be delivered within four weeks from date of placing order. If the supply is not made within the said period of four weeks, termination/cancellation of the order will be considered and in such a situation, the Board will have the right to forfeit the security deposit (EMD) of the tenderer and procure the UPS from elsewhere.
- ✍✍ During installation, the supplier has to arrange load test and demonstrate UPS functionality viz, overload capacity and back-up time with full load. Acceptance of UPS will be subject to successful demonstration of said load test and backup support.
- ✍✍ Cost shall include all taxes, duties, entry tax, packing, insurance, forwarding and installation charges.
- ✍✍ Proposal shall include documents to prove quality of products, service support and technical competence.
- ✍✍ The offer shall include delivery time, validity of quotation, warranty period and AMC rate for post-warranty period. Tenders which are incomplete in specifications and required details will not be considered and such tenders are liable to be rejected forthwith.

**Quotation shall contain**

1. Delivery time, validity of quotation and warranty period.
2. Annual Maintenance Contract (AMC) Rate for post warranty period.
3. Response time to attend break-downs
4. Address and contact no. of nearest service and support centre in Guntur
5. Assurance on availability of spare parts and standby UPS in case of breakdowns
5. Address and quality certification details of factory where UPS is manufactured.
6. Documents to prove ISO certification, quality of product, service support and technical competence.
8. Willingness to demonstrate UPS performance viz. overload capacity, backup-time.etc.
9. Technical details

- » Technology
- » Normal load supported in amps
- » No of PCs supported by UPS (colour monitor without printer)

- |                                      |
|--------------------------------------|
| » Overload capacity                  |
| » Harmonic distortion                |
| » Indications and metering available |
| » Bypass mode : Automatic/Manual     |
| » Power factor                       |
| » Protections                        |
| » Output Waveform                    |

- » Battery Specification:
  - No of Batteries
  - Make and Model
  - AH Specification
  - Charger type
  - Recharge time
- » Crest factor
- » DC Voltage

- |                               |
|-------------------------------|
| » Input requirements          |
| » Maximum peak current rating |