



KERALA AGRICULTURAL UNIVERSITY

Regional Agricultural Research Station (SZ), Vellayani

Thiruvananthapuram - 695 522, Kerala

E-mail : adrvellayani@kau.in, Phone No.0471 2383239



No. RARS/SZ(7)/2886/2017

Dated: 10/02/2022

E-TENDER NOTICE

E- Tenders are invited for the supply and installation of 30KVA online UPS system for Regional Agricultural Research Station (Southern Zone), College of Agriculture, Vellayani, as per the technical specifications and the terms and conditions mentioned below.

UPS System -30KVA(Online system)

I. UPS Specifications

1. Neutral system: Solidly grounded.
2. Cooling system: Forced ventilation with 100% redundant fans.
3. Inbuilt output isolation transformer
4. Operating frequency range- 45- 55 Hz
5. AC Volt Reg. (Batt. Mode)- +/- 1%
6. Temperature – 0- 40⁰
7. Output voltage- 220 VAC/230 VAC
8. Operating voltage range- 300-480 V
9. Noise level : <60 db at 1.5m withall fans operating
10. Total Harmonic distribution- <2% linear load, < 6% non linear load
11. Efficiency >90%
12. Display- I/ O voltage, load current, OP frequency, battery voltage
13. Indications_ : Mains On, UPS On, Battery low, Overload
14. Alarm: Input Low/fail, O/P overload, battery low, over temperature
15. UPS system shall be microprocessor based
16. Rectifier/.inverter: IGBT Based
17. Protection for : Output under voltage, output over voltage, output single phase prevention, rectifier over voltage, short circuit protection, high voltage transient protection, battery low protection, over load protection, over temperature protection

Warranty: 5 Years on-site

II. Battery Back-up

Back up Time : 4-8 hours

Battery Type: SMF / Tubular

Battery Rack: Minimum space consuming Battery Rack should be included

Warranty : 3 years for SMF / 5 years for Tubular

Price Quote criteria for Battery Pack (Rates for all options should be quoted)

- 1) SMF for 4 hours backup, 2) SMF for 6 hours backup, 3) SMF for 8 hours backup
- 4) Tubular for 4 hours backup, 5) Tubular for 6 hours backup, 6) Tubular for 8 hours backup

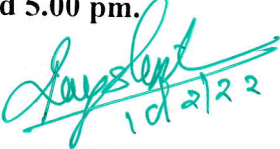
Instructions to the bidders

- Bid documents including the Bill of Quantities (BoQ) can be downloaded free of cost from the e- Government Procurement (e-GP) Website www.etenders.kerala.gov.in.
- All bid documents are to be submitted online only and in the designated cover(s)/envelope(s) on above website.
- Price Bid shall be submitted only through online.
 - Rates quoted should be valid up to 31/03/2022.
 - Tenders not stipulating period of firmness of rates and with price variation clause and/or subject to prior sale condition are liable to be rejected.
 - The UPS should be delivered and installed at the expenses of the successful bidder.
 - Rate quoted should be inclusive of all charges such as packing, forwarding, freight, loading/unloading/handling or installation charges and Government duties, if any.
 - The supplier has to make his own arrangement for the ordinary / special tools, machinery, and other consumables required for successful completion of installation and testing.
- **Payment of fee:** Tender submission fee & EMD shall be remitted online during the time of tender submission.
- **Scanned Documents to be submitted online:**
 - Company Data sheets, Brochures & other documents such as relevant technical literatures, drawings, pamphlets containing all the relevant technical specifications of the UPS duly signed by the bidder on each page.
 - **Tender form: Each and every pages of the tender form should be attested after reading the conditions provided.**
 - Duly filled and signed preliminary agreement of the bid executed in Kerala stamp paper worth Rs.200/-.
 - Bids received online without the scanned copy of preliminary agreement will not be considered.
 - Users list of the UPS, if any.
 - Copy of up-to-date GST registration certificate & PAN of the bidder
 - Supporting document regarding service support
 - Authorization certificate from the manufacturer, if the bidder is a dealer.
 - Valid EMD exemption certificate from the Store Purchase Department, Govt. of Kerala, if the firm is exempted from payment of EMD.
 - Undertaking to the effect that the bidder is not Debarred/ Blacklisted or Banned from any University/ Government Institute / PSU.
 - Purchase Order and performance certificate of the quoted model of UPS from three reputed customers, preferably University/ Government Institute / PSU, if any.
- As per DSIR registration, the University is eligible for relaxation in GST as per Notification No.45/2017 Central Tax (Rate) dated 14.11.17 & Notification No.47/2017 Integrated Tax (Rate) dated 14.11.17. Necessary documents for availing GST exemption will be provided to the successful bidder.

- **Quoting of UPS:** Only the best model fitting the specification must be quoted.
 - Vendors if quoted for lower end model while the same manufacturer is having better model meeting the above tender specifications, the technical committee shall take decision to disqualify.
 - The products should be nationally / internationally branded and CE certified.
 - The bids should be sent only for UPS model available in the market and supplied to a number of customers. Tenders with market standing, proven quality and durability only will be entertained.
- **Service:** The firms / bidder should ensure on-site service support for the UPS and Battery with in 48 hours.
- The maximum period required for delivery and installation of the UPS should be mentioned.
- Availability of the spares for the entire instrument for a period of at least 10 years should be ensured.
- Details required for e-payment (Details of bank account having core banking facility and e-mail address of the bidder) shall be furnished along with the tender.
 - Payments will be made only after the supply is actually verified and taken to stock.
- **Warranty & AMC: As mentioned in the detailed specifications .**
 - Details of extended warranty if any, rate for extended warranty, rate for annual maintenance cost after warranty period etc. should be mentioned in the bid document.
 - If the Supplier, having been notified, fails to rectify the defect(s) within one to two weeks' time, the warranty will be extended to the extent of instrument lying idle without repair.
 - All parts of the instrument, accessories, and supporting instruments should be covered under the warranty.
- Bids not accompanied with these details will be rejected.
- Associate Director of Research, RARS (SZ), College of Agriculture, Vellayani shall have no obligation to convey reason for rejection of any bid. It shall be open for Associate Director of Research, Vellayani to reject even the lowest bidder in the interest of the University and no reason need be given thereof.
- The undersigned shall not be responsible for any failure, malfunction or breakdown of the electronic system while downloading or uploading the documents by the Bidder during the e-procurement process.
- On receipt of purchase order, the supplier shall execute an agreement in Kerala stamp paper worth Rs.200/- at own cost and furnish a Performance Security of 5% of the cost. The format of the agreement can be downloaded from the above website.
- Withdrawal from the tender after acceptance or failure to supply within the specified time or according to specifications will entail cancellation of the order and attract legal procedures as per the agreement.
- All subsequent Government orders connected to tenders and any revision in the rates of taxes would also be applicable to this tender.
- In addition to these all other General Conditions annexed in the Store Purchase Manual of Government of Kerala are also applicable to this tender.

Tender details	
Tender inviting Authority	The Associate Director of Research, RARS(SZ), College of Agriculture, Vellayani
Location of supply and installation	REGIONAL AGRICULTURAL RESEARCH STATION (SZ) College of Agriculture, Vellayani, Thiruvananthapuram – 695 522
Date of Publication of Tender	10/02/2022 5.00 pm
Last Date and Time for Receipt of Tenders	28/02/2022 2.00 pm
Date and Time of Opening of Bid	01/03/2022 2.30 pm If the tender opening date happens to be on a holiday or non-working day due to any other valid reason, the tender opening process will be done on the next working day at same time.
Earnest money deposit (EMD)	10,000/-
Tender submission fee	2124/- (inclusive of GST)
Validity Period of Bid	Up to 31/03/2022
Period of supply and installation	Within two weeks from date of purchase order
Mode of submission of Bid	Online through the website www.etenders.kerala.gov.in only
Performance Security	5% of the quoted amount
Submission of performance security	Within 21 days from date of issue of purchase order

Further details on the tender process can be had from the office of Associate Director of Research, RARS(SZ), Vellayani during the office hours between **10.00 am and 5.00 pm.**


10/2/22

Associate Director of Research