



REGIONAL AGRICULTURAL RESEARCH STATION  
AMBALAVAYAL, WAYANAD - 673 593  
KERALA AGRICULTURAL UNIVERSITY

Phone: 04936 260561 Mobile: 9188224421, E-mail: rarsamb@kau.in / adramb@kau.in

No: E.6812/2025

Dated. 27 /11/2025

**TENDER NOTICE**

Sealed competitive tenders are invited from the Manufactures / Dealers for the **Supply of 5KVA UPS** with the following specifications for Regional Agricultural Research Station (RARS), Kerala Agricultural University, Ambalavayal.

Tender No. and Date	E.6812/2025
Last date of receipt of tender	17.12.2025, 12.00 pm
Date and time of opening the tender	17 .12.2025, 12.30 pm
Tender cost	Rs.400/- +78/- GST (18%) = Rs. 472/-
EMD amount	Rs.1500/-
Designation and Address of the Officer to who the tender should be addressed	Associate Director of Research, Regional Agricultural Research Station (RARS), Kerala Agricultural University, Ambalavayal, Wayanad Dist. Kerala – 673 593
Location of Supply / Work	Regional Agricultural Research Station (RARS), Ambalavayal, Wayanad Dist. Kerala – 673 593

**Specifications required for UPS**

**I. General characteristics:**

1. Nominal power (KVA) - 5KVA
2. Active power (KW) – 4000W
3. Wave form - pure sinu soidal
4. Architecture- Power type
5. Control module - Digital signal processor based control module

**II. Input Character**

1. Input voltage – 230 AC
2. Input frequency – 50- 60 HZ
3. Operating voltage range - 46 V- 300 V AC
4. Input connection – Terminal block



### III. Out put characteristics:

1. Output voltage – 230 V AC
2. Output frequency – 50- 60 HZ
3. Crest factor - 3:1
4. AC to AC efficiency –  $\geq 90\%$  @ 100 % load
5. Output connection - Terminal block
6. Bypass supply - Built in bypass facility
7. Overall efficiency -  $\geq 90\%$

### IV. Battery

1. Number of battery – 16 Nos.
2. Rated battery voltage – 192 V DC
3. Approved make for batteries – Exide /Quanta/Panasonic
4. Battery rage/type voltage – VRLA sealed maintenance
5. Battery Type - 12V SMFVRLA
6. Range current( Internal) – 4A default  $\pm 10\%$  ( 1A/2A/4A selectable)
7. Floating mode charging voltage – 2.25 V DC per cell
8. Battery Protection- Building DC fuse and external breaker at battery bank

### V. Communication and Management

1. Screen panel management – LCD Display and LED panel
2. UPS Alarm – Events screen
3. Setting Menu to do all possible settings
4. UPS operation indicated with LED
5. Audible alarm – Battery mode low battery, over load, normal alarm, fault
6. Backup – Minimum backup 30 minutes 4KVA, 100% load
7. UPS and SMF battery Warranty - 2- year for UPS and 3- year for SMF battery

### **The acceptance of the quotations will be subject to the following Terms and conditions**

#### 1. **Tender form**

The tender form can be downloaded from the following link in the internet [www.kau.in/tenders](http://www.kau.in/tenders)

2. The cost of tender form. GST and EMD will be accepted by way of separate DDs in favour of Associate Director, Regional Agricultural Research Station. Ambalavayal , Pin – 673593
3. **Earnest Money Deposit:** An EMD (1% of the amount quoted ) should be remitted by separate DD drawn in favour of Associate Director, Regional Agricultural Research Station. Ambalavayal Pin – 673593



4. The tender should be accompanied by an agreement in Kerala stamp paper worth Rs. 200/- (Rupees Two hundred only) in the format that can be downloaded from the website [www.kau.in/tenders](http://www.kau.in/tenders)
5. The sealed cover containing the tender documents should be super scribed as **"Tender for the Supply of 5KVA UPS ". The cover should contain the DD's for tender cost, GST, EMD and the Agreement as mentioned above**
6. The successful tenders should execute and agreement in Kerala Stamp paper worth Rs. 200/- (Rupees Two hundred only) and furnish a security deposit of 5% of cost of the rate quoted in the form of term deposit/bank guarantee/demand draft drawn in favour of Associate Director, Regional Agricultural Research Station, Ambalavayal Pin – 673593, Wayanad District payable at the State Bank of India, Kolagappara (IFSC: SBIN0070615), When directed from this office.
7. **The rate should be quoted including all taxes, levies, duties etc**
8. The price including loading, transportation and unloading charges GST/tax and other charges if any, should be separately stated.
9. Necessary warranty certificates should be furnished along with the supply of items.
10. The Associate Director has the right to accept or reject any or all of the offers without assigning any reason.
11. The successful Tender shall initiate the work/supply the item within one week of award and should finish the supply within one month.
12. If any hartal/strike/any unexpected holiday occurs on the date of opening of tender, the tender will be opened at the same time on the next working day
13. Firms which are excepted from payment of EMD should furnish copy of the currently valid certificates from Store Purchase Department , Govt. of Kerala.
14. Payment as per the invoice will be made only after satisfactory completion of work as per specifications and satisfactory installation of the item. Tenderer is liable to replace the defective articles/rectify the defective item of work immediately on receipt of intimation. Payment will be made only by Cheque on fulfillment of the contract satisfactory.
15. The EMD/Security Deposits furnished will be forfeited in case the contract is not fulfilled as per the terms and conditions mentioned in the tender notice and agreement.
16. All other technical and commercial terms and conditions pertaining to the execution of work/installations to Government/Public undertakings as per the code rules in force in Kerala will be applicable in this case also.
17. Further information such as terms and conditions, detailed specifications of the supply/work/installation, cost of tender forms etc. can be had on all working days from the office of the **Associate Director of Research, Regional Agricultural Research Station Ambalavayal, during duty hours.**

\*Enquiries if any may be mailed to [rarsamb@kau.in](mailto:rarsamb@kau.in) or contact 04936-260421.



### **Special Conditions**

1. Tender insisting payment in advance either full or part for releasing the documents through bank are liable for rejection.
2. Leaflets/brochures containing technical features of data logger and sensors etc quoted should be attached with the tender.
3. Payment will be made after satisfactory installation and demonstration of the equipment/system.
4. Operation manual and guarantee cards of the equipment wherever required should be supplied along with equipment.
5. The supplier should attach the client list for the equipment along with their performance certificate, spare parts availability and services facilities at or nearest to the station.
6. Details of warranty offered should be clearly stated in the "tender details of maintenance service contract offered after expiry of normal warrantee and after-sales service facilities available should be indicated.
7. Evidence of exclusive/authorized distributorship from foreign principals should be provided along with offers for overseas products.
8. The undersigned reserves the authority to accept or reject any or all of the offers for any particular item without assigning any reason whatsoever.
9. The decision of the under signed in finalizing the tender shall be final and binding.

Sd/-

Associate Director of Research

To: 1. Notice Board

2. KAU web site ([www.kau.in](http://www.kau.in)>tenders)

//Approved by order//



Section Officer