



**KERALA AGRICULTURAL UNIVERSITY
AGRONOMIC RESEARCH STATION
CHALAKUDY, THRISSUR – 680 307.**

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ARS/B/808/11

Dated: 17.02.2025

TENDER NOTICE

Sealed tenders on competitive basis are invited for the **supply and installation of a solar-powered electric fencing system** around the boundary of the **Water Management Research Unit (WMRU), Vellanikkara**. The fencing is intended to prevent trespassing and protect the area from wild animals.

Project Specifications:

- **Project Location:** Water Management Research Unit, Vellanikkara
- **Total Fence Length:** 2300 m
- **Purpose:** Protection against trespassers and wild animals
- **Power Source:** Solar-powered system with backup battery
- **Height & Design:** As per recommended standards for animal and human deterrence
- **Required Features:**
 - Shock intensity within permissible safety limits
 - Alarm system for breach detection
 - Weather-resistant and durable components

Required Components:

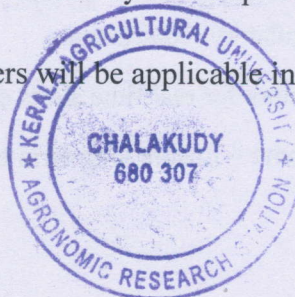
1. **Solar Power Unit** – High-efficiency solar panel with charge controller
2. **Fence Energizer** – Capable of handling 2,300m fencing with adjustable voltage output
3. **Battery Backup** – Sufficient capacity to ensure functionality during low sunlight conditions
4. **Fence Posts** – Strong, weatherproof poles at appropriate intervals
5. **Insulators** – High-quality UV-resistant insulators for durability
6. **High-Tensile Wire** – Galvanized steel wire with high conductivity
7. **Earthing System** – Proper grounding rods for safety and efficiency
8. **Warning Signboards** – As per regulatory requirements
9. **Monitoring System** – Optional feature for real-time alerts on fence status
10. **Installation & Maintenance Support** – Ensure long-term efficiency

Tender Submission Details:

- Kindly provide a **detailed cost estimate**, including materials, labor, taxes, and any additional charges.
- **Lead time** for supply and installation.
- **Warranty and after-sales service** details.
- Previous experience in similar projects (if any).

Terms and conditions:-

1. Tender should be submitted in the prescribed form which can be downloaded from the web link: www.kau.in/tenders. The cost of tender form Rs.0.2% PAC (Rounded to nearest 100/-, Minimum Rs.400/-) + 12% GST) A Demand Draft for the amount drawn in favour of Professor & Head, Agronomic Research Station, Chalakudy payable at State Bank of India, Chalakudy and should be enclosed along with the tender. The tender cost and GST amount should be specified while submitting the tender.
2. Earnest Money Deposit (EMD) @ 2.5% of the cost of items offered may be remitted by a separate DD drawn as detailed above.
3. Agreement on Kerala Stamp Paper for Rs.200.00 (Form of Agreement can be downloaded from the website <http://www.kau.in/tenders> under the related documents section.
4. Tenders received late or incomplete in any respect will be summarily rejected without notice and the decision of the undersigned on such matters will be final.
5. Successful tenders will have to execute an agreement and remit security deposit @5% of the value of the articles ordered, less the amount of EMD, drawn as DD or fixed deposit receipt.
6. The sealed cover containing the tender documents should be superscribed "Tender for Solar fencing" and sent to the Professor & Head, Agronomic Research Station, Chalakudy, Koodapuzha, -680307.
7. Supply some items immediately and others at a later period are not acceptable. The supply has to be made in a period of one week from date of placement of order. The lowest tender will be identified based on the lowest cumulative total of all the items taken together for the above said quantity.
8. The rate quoted should be inclusive of all charges including GST if any and also connected expenses if any the transportation cost also should be included in the rate.
9. The rate will be valid for the financial year 2025-26. The payment will be through invoice/credit bill system and by cheque only.
10. The tender should be in the sealed cover and to reach the undersigned on or before 28.02.2025 at 2.00 pm. Late tenders will be rejected.
11. The tender will be opened at 2.30 pm on the same day in the presence of those who are present at that time. The lowest rate will be accepted if reasonable.
12. The decision of the Professor & Head, Agronomic Research Station, Chalakudy, will be final and abiding.
13. The undersigned reserves the authority to accept or reject any or all the tenders without assigning any reason.
14. All office code rules of tenders will be applicable in this case too.




Dr. Mini Abraham
Professor & Head

To: Notice Board/KAU Website