



**KERALA AGRICULTURAL UNIVERSITY**  
**Department of Agricultural Engineering**  
**College of Agriculture, Vellanikkara, Thrissur – 680 656.**

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No. PMFME/ODOP/T/04/2021

Date: 09/02/2022

**TENDER NOTICE**

Sealed competitive tenders are invited for the **Supply and installation of greenhouse type hybrid solar tunnel dryer** to the project “Establishment of Common Incubation Facility at KAU”, under Department of Agricultural Engineering, College of Agriculture, Vellanikkara whose specifications are given below

Sl. No	Item & Specification	Qty.	Cost of tender form (Rs.)
1.	<b>Greenhouse Type Hybrid Solar Tunnel Dryer</b> <ul style="list-style-type: none"><li>• Products dried: Copra, chillies, fruits and vegetables</li><li>• Length x breadth: 6mx4m</li><li>• Centre Height: Minimum 8 feet</li><li>• Inside Floor Area: minimum 250sq.ft</li><li>• Sheet type: UV Protected Poly UV Sheet (200µm)</li><li>• Average Temperature inside: 40-60<sup>0</sup>C</li><li>• Exhaust Fan to evacuate moist air– 300 mm dia, 0.125 hp, 1400 rpm or equivalent - 1Nos</li><li>• Entry Door: 6 ft x 4.5 ft polycarbonate sheet with GP pipe frame</li><li>• Foundation pipes: 1.5-inch Dia GI Round Pipe</li><li>• Structure Purlin: 1.25 x 1.25-inch GI Round Pipe</li><li>• IOT, Sim based Temperature and humidity controller with sensors and display unit, and can upload data to cloud for remote viewing and studies</li><li>• Adequate Battery backup system for control unit</li><li>• Civil works –2 ft elevated masonry floor, with entrance ramp and heat retaining (kadappa stone) flooring inside</li><li>• Standby heating mechanism: controllable drying mechanism (electric/heat pump/equivalent) for maintaining required moisture and temperature inside tunnel dryer for drying at night/when solar radiation not adequate</li><li>• 3 tier MS trolley for holding trays:4 nos. with adequate clearance from ground, sides and centre</li></ul>	1	0.2% of the cost of tender rounded to the nearest multiple of 100, subject to a minimum of 400/- and maximum 1500/- + 12% GST

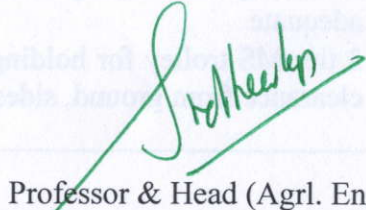
**The tender documents and conditions**

1. The tender form may be downloaded from the following web link in the Internet:  
<http://rabi.kau.in>.

On submitting the tender form, the cost of the tender form as mentioned above may be drawn by DD in favour of “**The Professor and Head, Dept. of Agricultural Engineering, College of Agriculture, Vellanikkara, Thrissur 680 656**” payable at **SBI KAU Main**



- Campus, Vellanikkara (Code-70670)** should be enclosed along with the tender submitted.
2. Earnest Money Deposit (EMD): EMD @ 1% of the cost of the machine may be remitted by a separate Demand Draft drawn as detailed above.
  3. Agreement on Kerala Stamp Paper for Rs.200/-  
Form of agreement can be downloaded from the website <http://rabi.kau.in> under the Related Documents section.
  4. The purchase, installation and commissioning should indicate separately. Taxes, customs, and excise duty, packing, forwarding, insurance, labor cost and any other cost for its installation, if any should also be included.
  5. The sealed cover containing the tender documents should be super scribed "**Tender for Supply and installation of greenhouse type hybrid solar tunnel dryer**" and sent to **The Professor and Head, Dept. of Agricultural Engineering, College of Agriculture, Vellanikkara, Thrissur, Kerala - 680 656.**
  6. 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.
  7. Successful tenderers will have to execute an agreement and remit security deposit @ 5% of the value of the purchase, less the amount of EMD, drawn as DD or fixed deposit receipt.
  8. The delivery of the item needs to be completed within the prescribed period as per indent.
  9. The service and maintenance details for the machine along with the warranty period should be provided.
  10. The undersigned reserves the authority to accept or reject any or all the tenders without assigning any reason.
  11. The decision of the undersigned in finalizing the tenders shall be final and binding.
  12. Leaflets/ brochures/ catalogues of the machine describing its features, applications, specifications, working procedure and detailed drawing should be provided immediately after successful installation of the machine.
  13. Tenders will be received up to **10.00 AM on 23.02.2022.**
  14. Tenders will be opened at **11.00 AM on 23.02.2022** in the presence of the tenderers present at that time.
  15. The items should be supplied, and bills submitted before **23.03.2022.**
  16. All conditions of Kerala government tenders are applicable in this case also. Further information can be had from the web site <http://rabi.kau.in> or from the office of **The Professor and Head, Dept. of Agricultural Engineering, College of Agriculture, Vellanikkara, Thrissur, Kerala - 680 656.**

  
Professor & Head (Agrl. Engg.)