



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

**Phone: 0487-2438331**  
**Email : [cohagengg@kau.in](mailto:cohagengg@kau.in)**

No. PMFME/ODOP/T/01/2021

dated 11/01/2022

**TENDER NOTICE**

Sealed competitive tenders are invited for the Supply of ‘Infrared Moisture Analyser for Spices and other Food Products’, to the project PMFME-ODOP, 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.	<p><b>Infrared Moisture analyser for Spices and other Food Products</b></p> <ul style="list-style-type: none"><li>• The Instrument should measure moisture content of spices and other food products</li><li>• Heating source: Infrared heating element</li><li>• Moisture content for all sample Should be expressed in: percentage (%) and grams (g)</li><li>• Max. Weighing capacity : 70g</li><li>• Readability (Weighing) : 1 mg (0.001g)</li><li>• Readability (Moisture) : 0.01%</li><li>• Sample Pan Size : 90mm dia</li><li>• Repeatability, typical : Starting at Initial sample weight approx. &gt;5g: <math>\pm 0.05\%</math></li><li>• Access to sample chamber: removable hood with wide opening angle, soft Close mechanism</li><li>• Display: Touch screen</li><li>• Temperature range and settings: 40°C to 160°C, in increments of 1°C</li><li>• Standby temperature: 40 to 100°C</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

	<ul style="list-style-type: none"> <li>• Heating programs: Standard drying/gentle drying</li> <li>• Shutoff parameter: In should have fully automatic, Semi-automatic, Manual and with timer settings</li> <li>• Memory for data storage: Results should be saved and displayed until the start of the next measurement</li> <li>• Interface: Mini USB, automatic printer detection, direct transfer to Microsoft programs</li> <li>• LED – Illuminated sample chamber sample should be inspected through the window above to the hood.</li> <li>• Removable hood with wide opening angle and easy to clean the sample compartment</li> <li>• Accessories enclosed with the instrument: Power cord, user manual, forceps, Aluminum Sample pans</li> <li>• Power Supply: 230V</li> <li>• Warranty period: Minimum one year</li> </ul>		
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### **The tender documents and conditions**

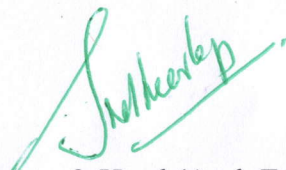
1. The tender form may be downloaded from the following web link in the Internet: <http://rabi.kau.in>.

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 the supply of "Infrared Moisture Analyser for Spices and other Food Products"** 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 25.01.2022.**
14. Tenders will be opened at 11.00 AM on **25.01.2022** in the presence of the tenderers present at that time.
15. The items should be supplied, and bills submitted before **28.02.2022.**
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.)