



**KERALA AGRICULTURAL UNIVERSITY**  
**Department of Agricultural Entomology**  
**College of Horticulture, Vellanikkara,**  
**Thrissur – 680656.**

**Phone: 9447783403**  
**Email: cohent@kau.in**

**TENDER NOTICE No. AINPAA/ ENT/T1/2020-21 dated 07/09/2020**

Sealed tenders are invited for the supply of PCR machine with accessories to the DST SERB project entitled “Faunal diversity of spider mites (Prostigmata: Tetranychidae) associated with agricultural ecosystems of Kerala” under AINP on Agricultural Acarology, Department of Agricultural Entomology, CoH, Vellanikkara. The specifications are given as Annexure.

**The tender documents and conditions**

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

The cost of tender form is rupees 0.15 % of PAC (rounded to nearest 100/- subjected to maximum of Rs. 25000/- ) + 18% GST. A Demand Draft for the amount drawn in favour of **The Professor and Head, Department of Agricultural Entomology, College of Horticulture, Vellanikkara, Thrissur 680656** payable at **SBI KAU Main Campus, Vellanikkara (Code-70160)** should be enclosed along with the tender submitted.

2. Earnest Money Deposit (EMD). EMD @ 1% of the cost of equipment offered may be remitted by a separate Demand Draft 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. The offer for the item should indicate separately the basic unit, accessories and optional, and its cost. Taxes, customs and excise duty, packing, forwarding, insurance and any other cost for its installation, if any, should also be included.
5. The sealed cover containing the tender documents should be superscribed “**Tender for supply of PCR machine**” and sent to **The Professor and Head, Department of Agricultural Entomology, College of Horticulture, Vellanikkara, KAU (P.O) 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 articles ordered, less the amount of EMD, drawn as DD or

fixed deposit receipt.

8. The items are to be supplied at the AINP on Agricultural Acarology, Dept. of Agricultural Entomology, College of Horticulture, Vellanikkara, Thrissur, Kerala - 680 656 as per indent.
9. The supplier should give the details of the nearest service centre and responsetime.
10. Details of warranty, after sale service offered on expiry of normal warranty period, available should be mentioned.
11. CMC/ AMC of Equipment: After the warranty/Guarantee term is over, the firm should mention the charges of CMC/AMC at least for first three years from the Principal.
12. NOTE: In case of any discrepancy in the period of and/or CMC/AMC mentioned anywhere else in this Tender document, the stipulations as mentioned in specification of the equipment/ item to be purchased would prevail.
13. Three number of performance certification from reputed institutes which is installed with the same machine should be attached with the tender.
14. The undersigned reserves the authority to accept or reject any or all the tenders without assigning any reason.
15. The decision of the undersigned in finalizing the tenders shall be final and binding.
16. Leaflets/ brochures/ catalogues of the equipment in colour describing its features, applications, specifications etc. should be provided along with tender. A drawing of the table assembly should be provided along with tender.
17. Tenders will be received up to 12.30 PM on 28.09.2020
18. Tenders will be opened at 2.30 PM on 28.09.2020 in the presence of the tenderers present at that time.
19. The supply should be effected within two weeks of issuing supply order
20. All conditions of Kerala Government tenders are applicable in this case also. Further information can be had from the web site <http://www.kau.in/tenders> or from the office of **The Professor and Head, Department of Agricultural Entomology, College of Horticulture, Vellanikkara, Thrissur, Kerala - 680656.**

**ANNEXURE**

| Sl. No. | Items       | Specifications   | Qty |
|---------|-------------|--|-----|
| 1.      | PCR machine | <ol style="list-style-type: none"> <li>1. Licensed PCR</li> <li>2. Superior ramping temperature (Minimum 4<sup>0</sup>C)</li> <li>3. Two block (preferable - three block) machine with minimum 32 well per block and capability to run minimum of two(three preferable) independent reactions</li> <li>4. PCR Tube capacity 0.2 ml preferred</li> <li>5. Ensures precise control of temperature (~0.25<sup>0</sup>C accuracy or better)</li> <li>6. Have temperature uniformity across the block</li> <li>7. Temperature uniformity 0.5<sup>0</sup>C or better</li> <li>8. Temperature range 0<sup>0</sup>C – 100<sup>0</sup>C</li> <li>9. Temperature ramp rate – 4<sup>0</sup>C or better</li> <li>10. With USB (minimum 3 ports) and net work connectivity</li> <li>11. Touch screen</li> <li>12. Programmable memory</li> <li>13. 3 years onsite warranty</li> </ol> <ul style="list-style-type: none"> <li>• Optional – An online UPS suitable for the instrument with a back up of 10 hours</li> </ul> <p><b><u>Condition No. 1.</u></b></p> <p>PCR machine from the same manufacture.</p> <ul style="list-style-type: none"> <li>• <b><u>Condition No. 2.</u></b><br/>At least 3 years of manufacturer's warranty should be provided for the electrical/electronic products. The system should be CE Certified or with other International certificate or equivalent.</li> <li>• <b><u>Condition No. 3.</u></b></li> </ul> <p>Amount should be inclusive of transportation charges, taxes, installation and necessary electrification charges if needed</p> <ul style="list-style-type: none"> <li>• <b>Please note that bids that fulfill <u>Condition No.1, 2 and 3</u> will only be considered.</b></li> </ul> | 1No |

  
**PROFESSOR & HEAD**  
 PROFESSOR AND HEAD  
 Department of Agri.Entomology  
 College of Horticulture  
 Kerala Agricultural University  
 Thrissur - 680656