



Email: rarspil@kau.in

KERALA AGRICULTURAL UNIVERSITY
Regional Agricultural Research Station, Pilicode
Kasaragod Dist – 671310

No.B2-6426/2022(i)

Dated: 31.01.2023

TENDER NOTICE

Tender Number	B2-6426/2022(i)
Tender Cost	0.20% of the cost of tender rounded to the nearest multiple of 100
GST (18%)	18% of tender cost
Amount of EMD to be paid	6,500/-
Last date and time for receipt of tender	15.02.2023 3.00 PM
Last date and time for opening of tender	15.02.2023 3.30 PM
Date up to which the rates are to remain firm for acceptance	Up to 30/04/2023
Designation and address of officer to whom the quotation is to be addressed	The Associate Director, Regional Agricultural Research Station (North Zone) Pilicode – 671310
Place of Supply	RARS Pilicode
Superscription: “Tender for Nano spectrophotometer for nucleic acid and protein measurement”	

Sealed competitive tenders are invited for Nano spectrophotometer for nucleic acid and protein Measurement' at RARS Pilicode.

Specifications:

SINo.	Specification	
1	Absorbance Accuracy	3% at 0.97 A, 302 nm, 23 ±2°C Abs/mm at 25 °C
2	Absorbance Range	0.04 to 30 Abs (10 mm equivalent)
3	Concentration	1,500 ng/μL (1,200 ng/μL) dsDNA (RNA), 45 mg/mL (21 mg/mL) BSA (IgG)
4	Depth	22 cm
5	Detection Limits:	2.0 ng/μL (1.6 ng/μL) dsDNA (RNA), 0.06 mg/mL (0.03 mg/mL) BSA (IgG)
6	Detector Type:	2048-element CMOS Linear Image Sensor
7	Display	LCD Touchscreen
8	Light Source	Xenon Flash
9	Wavelength Range	230 nm, 260 nm, 280 nm
10	Material	Stainless Steel (303), Quartz Fiber
11	Data storage and transfer	Minimum 1,000 measurements and USB for export
12	Measurement Time	≤ 5 seconds

13	Path length	1.0 mm and 0.2 mm (auto adjust)
14	Processor	Standalone control with data export via USB Flash Drive
15	Sample Volume	1 to 2 μ L
16	Spectral Resolution	≤ 1.8 nm (FWHM at Hg 254 nm)
17	Wavelength Accuracy	± 1 nm
18	Certifications/Compliance	UL/CSA and CE
19	Connections	USB 2.0 Port
20	Power Consumption	18 W (standby < 3 Watts)
21	Wavelength Repeatability	Typical: 0.002 A (1.0 mm path) or 1%CV, whichever is greater
22	Warranty	Minimum 12 months warranty from the date of supply against manufacturing defect

Terms and conditions

1. Tender form

The Tender form shall be downloaded from the following link in the internet- www.kau.in/tenders OR rarspil.kau.in/tenders. The same should be submitted duly signed along with other documents.

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, Pilicode, and Pin 671310.

2. **Earnest Money Deposit:** An EMD of **Rs.6,500/-- (Rupees Six Thousand Five Hundred Only)** should be remitted by separate DD drawn in favour of Associate Director, Regional Agricultural Research Station. Pilicode Pin-671310.

Agreement:-

- 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.edu/tenders OR rarspil.kau.in/tenders.
- The sealed cover containing the tender documents should be super scribed as **“Tender for Nano spectrophotometer for nucleic acid and protein measurement”**
- The cover should contain the DDs for tender cost, GST, EMD and the Agreement as mentioned above.**
- The successful tenders should execute an 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, Pilicode, Pin 671310, Kasargod, District payable at the State Bank of India, Kayyur (Branch code SBTR000573), when directed from this office.
- The rate, tax and other charges if any should be separately stated.
- The Associate Director has the right to accept or reject any or all of the offers without assigning any reason.
- The successful tenderer shall initiate the work/supply the item within one week of award and should finish the supply within one month.
- 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.

11. All the rules and regulation applicable to government tender will be applicable to this tender also.

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 on the different models of the items quoted should be attached with the tender.
3. Payment will be made after satisfactory delivery/ installation and demonstration of the Item/equipment.
4. 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.
5. Evidence of exclusive/authorized distributorship from foreign principals should be provided along with the offers for overseas products.
6. The under signed reserves the authority to accept or reject any or all of the offers for any particular item without assigning any reason whatsoever.
7. Complete deduction or reduction in number of any equipment listed, if necessary, at the time of purchase order without assigning any reason will be at the discretion of the Associate director.
8. The decision of the under signed in tender procedures will be final and binding

Pre-Bid Qualification:

1. Bidders should be the manufacturer/authorized dealer. Letter of Authorization from original equipment manufacturer (OEM) on the same and specific to the tender should be enclosed.
2. An undertaking from OEM is required stating that they would facilitate the bidder on a regular basis with technology/product updates & extend support for the warranty as well.
3. OEM should be internationally reputed branded company.
4. Non-compliance of tender terms, non-submission of required documents, lack of clarity of the specification, contradiction between bidder specification and supporting documents etc. may lead to rejection of the bid.
5. Manufacturers are requested to provide ISO certificate and Declaration on CE Conformity with minimum 3 valid directives. (The certificates need to be uploaded/submitted along with tender documents)
6. Equipment offered must be a model from the current serial production range of the manufacturer. Customized or One-off Manufactured Model will not be accepted. Offer should be supported with printed catalogue & depiction on company website.
7. Machine should come with minimum one-year warranty from date of installation.
8. The bidder must have supplied at least 4-5 similar model of spectrophotometers to Govt. of India Research Institutes. Please attach Purchase Copies as documentary evidence.
9. Supplier should mention the details of service setup and manpower who are responsible for after sales support. Response time should be within 24 hrs from the date of registering the issue.

*Enquiries if any may be mailed to rarspil@kau.in or 9400129582 contact during office hours.

Sd/-
Dr. Vanaja T
Associate Director

To: 1. Notice Board/KAU website
2. Panchayath Office, Pilicode/Cheruvathur
3. Nileschwaram Municipality.

Copy to: Dr. Rajesh Kalladan, Assistant Professor (Plant Physiology)

//Approved for issue//



Section Officer