



**KERALA AGRICULTURAL UNIVERSITY**  
**FARMING SYSTEMS RESEARCH STATION**  
SADANANDAPURAM P.O, KOTTARAKKARA, KOLLAM  
Phone: 0476-2663535, Email: [fsrskottarakkara@kau.in](mailto:fsrskottarakkara@kau.in)

No. FS(3)1502/20

Date, 24.02.2021

### **TENDER NOTICE**

Sealed tenders are invited for the supply of Double beam UV-VIS Spectrophotometer to this station under the Annual Plan 2020-21 Station wise funding –“Strengthening research at FSRS Sadanandapuram” with the following specifications.

#### **Double Beam UV- VIS Spectrophotometer**

Double beam UV-VIS Spectrophotometer with 4 line 20 Character Dot Matrix Backlit LCD Modules with high resolution Bandwidth

- Micro Processor and Micro Controller Based
- Operation- Standalone & PC controlled
- Wave Length Range - 190 to 1100 nm with  $\pm 0.5$ nm Accuracy, 0.1 nm Resolution
- Automatic Wavelength Calibration and Programmable wave length for Lamp Change over
- Repeatability :  $\pm 0.2$  nm,  $\pm 0.002$  Abs
- Accuracy ;  $\pm 0.005$  Abs
- Readability : 0.01% T, 0.0001 Abs
- Stability :  $\pm 0.003$  Abs/hr
- Stray light :  $<0.05\%$  Tat 220 nm with NaI 10 g/L
- Monochromator - Concave holographic grating with 1200 lines/nm
- Spectral Band Width : 1.8 nm
- ABS range : -3 to +3 Abs
- USB Interface : For PC connectivity
- Light Source : Deuterium Lamp (D2) & Tungsten (W) Halogen Lamp
- Detector : Silicon Photodiode
- Accessories : 1 Pair Quartz Cuvettes
- Data Processing : Spectrum, Discrete Wavelength, Concentration, e-Factor, Time Scan, Auto Zero and Printing.
- PC Mode : Spectrum, Discrete Wavelength, Concentration, e-Factor, Time scan, Enzyme Kinetics, Overlay, Ratiometric, Peak Picking, Upto 4<sup>th</sup> order Derivative Spectra Zooming, Smoothing, Data saving & retrieval, Auto zero facility and Printing.
- Fixed 10 mm path length Holders for Reference and Sample
- Vendor should be provided manufacturer Authorization Certificate for specific Tender

- Vendor should be provided minimum 10 Users list with the quoted model in Kerala, clearly mentioned the customer contact name and number
- Vendor should be provided minimum 5 Nos. Performance Certificate.
- Warranty : 1 year with periodic preventive inspection every 3 months during the warranty period

#### Cost of Tender Forms

Particulars	Original (Rs.)
Supplies costing above Rs.50,000 and upto Rs.10 lakhs	0.2% of the quoted amount rounded to the nearest multiple of 100, subject to a minimum of Rs.500 and maximum of Rs.2000

**Last date of receipt of tender: 08/03/2021 05.00 p.m**

**Date & time of opening of tender: 09/03/2021 11.00 a.m**

Conditions of the tender and specifications are attached. Tender forms can be downloaded from the site [www.kau.edu/tenders](http://www.kau.edu/tenders)

#### Terms and conditions

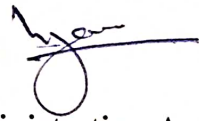
1. Tender should be submitted in the prescribed forms which can be downloaded from the website [www.kau.edu/tenders](http://www.kau.edu/tenders). The cost of the tender forms will not be refunded under any circumstances.
2. The sealed cover containing the tender should be superscribed "Tender for the supply of Double Beam UV- VIS Spectrophotometer" should be addressed to the Professor & Head, FSRS, Sadanandapuram, Kottarakkara, Kerala-691 531
3. Each tender should be accompanied by tender fee and an Earnest Money Deposit (EMD) of 1% of the total rupee equivalent cost of the quoted items (subject to minimum of Rs. 1500/-) by way of **two crossed Demand Drafts separately** for tender fee and EMD drawn in favour of **The Professor & Head, FSRS, Sadanandapuram, Kottarakkara Pulamon (Branch Code 70272)**, payable at the State Bank of India, Kottarakkara (Branch Code 70272). Late and incomplete tenders and tenders without EMD, tender fee and agreement will not be accepted. Firms who are exempted from payment of EMD should furnish copy of the currently valid certificate from the Store Purchase Department, Govt. of Kerala.
4. The tender should be accompanied by an agreement in Kerala Stamp Paper worth Rs.200/- (Rupees Two hundred only) and format can be downloaded from the above website. Withdrawal of tenders after its acceptance or failure to supply the equipment or not according to the specification will entail cancellation of the tender.

5. The successful tender should execute an agreement in Kerala Stamp Paper worth Rs.200/- (Rupees Two hundred only) and furnish a security deposit of 5% of the cost of the equipment quoted in the form of term deposit/bank guarantee/demand draft drawn in favour of **Professor & Head, FSRS, Sadanandapuram, Kottarakkara** payable at the State Bank of India, Kottarakkara, Pulamon (Branch Code 70272), when directed from this office. The format for the agreement can be downloaded from the above website.
6. The cost of the item, tax and other charges should be separately stated. We are exempted (regd. with DSIR) from payment of customs and excise duty for our procurements and hence prices quoted should be exclusive of these.
7. The exact specifications, details of make, model, name of manufacturer, warranty details etc. of the item must be clearly specified. Copies of detailed technical literature and illustrated brochures of the units quoted are to be included along with the offer. Details of maintenance service contract offered after expiry of normal warranty, spare parts availability and after-sales-service facilities available should be indicated. Offers without these are liable to be rejected.
8. In the case of electrically operated equipment, the circuit diagram will have to be supplied.
9. Offers shall be made **CIF Cochin** by airfreight for imported instruments and **F.O.R** destination for indigenous items. For imported items, charges for insuring up to final inland destination against all risks including total loss for CIF value plus 10% should be included in the insurance charge. Prices inclusive of ST and other taxes and Installation charges may be indicated separately where applicable.
10. Prices quoted should be valid upto one year or beyond.
11. The decision of the undersigned in finalizing the tenders shall be final and binding.
12. If any Bandh /strike/any unexpected holidays occurs on the date of opening of tender, the tender will be opened at the same time on the next working day.
13. On acceptance the supply order will be placed and the invoice should be addressed to **Professor & Head, FSRS, Sadanandapuram, Kottarakkara**. The payment will be effected only after satisfactory supply, installation of the item at FSRS in working condition and necessary demonstration by authorized service personnel.
14. The successful tenderer should supply the items to **Professor & Head, FSRS, Sadanandapuram, Kottarakkara** within one month from the date of the receipt of the supply order. **Professor & Head, FSRS, Sadanandapuram, Kottarakkara** reserves the right to remove the

defaulted name from the list of suppliers permanently or for a specific period.

15. Tenders insisting payment in advance either full or part for releasing the documents through bank are liable for rejection.
16. List of users giving the exact address of the contact persons and the model number of the units available at these locations, have to be provided. Evidence of exclusive/authorized distributorship from foreign principals should be provided along with the offers for overseas products.
17. The **Professor & Head, FSRS, Sadanandapuram, Kottarakkara** has the right to accept or reject any or all of the offers without assigning any reason.
18. All the rules and regulation applicable to Government Tenders will be applicable to this tender also.

Sd/-  
**Professor & Head,  
FSRS, Sadanandapuram  
Kottarakkara**

  
Administrative Assistant