



KERALA AGRICULTURAL UNIVERSITY
RICE RESEARCH STATION
Vytila P.O., Ernakulam 682 019.
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No.RRS/B/2078/22

Dated, Vytila 08.08.2024

LIMITED TENDER NOTICE

Sealed competitive limited tenders are invited for the supply of ELISA Microplate Reader to the station on buyback basis. The sealed tender should be forwarded to THE ASSOC. PROFESSOR & HEAD, RICE RESEARCH STATION, VYTTILA.P.O, ERNAKULAM- 682 019, superscribing "**Limited Tender for ELISA Microplate Reader**" on the envelope.

Specifications:


- Should be a 8 Channel Microplate Reader
- Should be an Open System which allows to program & save minimum of 150 protocols without different ELISA protocols.
- The reader should be CE/IVD Certified. The software should have FDA clearance.
- The user interface should be through external PC with minimum programming steps.
- Instrument should have external printer facility with USB port based printers.
- Instrument should be able to read all types of micro well plates with transparent bottom.
- Should be able to read end point and kinetic reactions.
- Should have multiple levels of operator access for security.
- Should be based on LED based technology for minimal maintenance & long life of light source with operating temperature between 15 - 35°C and should have a power supply of 100- 240V AC.
- Calibration- Metrological tool should be available with the service provider to check the different aspects of reader as well as accreditation requirements.
- Photometric range should be between 0 to 4.000 OD and a spectral range between 400-750nm with both single and dual wave length reading option.
- Should have minimum Resolution of 0.0001 OD with minimum of 3 decimal points for accurate quantitative measurements.
- Should have at least 5 Standard filters – 405, 450, 492, 550 & 620nm and should have at least 3 open positions for future additions.
- Should have in built plate shaking with minimum of 3 speeds and minimum upto 5 minutes.
- Instrument should be able to read one 96 well micro plate within 30 seconds for faster turnaround time with Reading Accuracy & Precision of minimum 2%.
- Memory back up option should be available for data management.

Delivery date of item	Within one month after placing the work order
Last date of receipt of the Tender	At 2.30 PM on 19.08.2024
Date & Time of opening of Tender	At 3.00 PM on 19.08.2024

Terms & Conditions

- 1.Earnest Money Deposit:** EMD at 2 % of the cost offered may be remitted by a separate DD drawn in favour of “**The Professor & Head,Rice Research Station, Vyttila**”.
- 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 KAU website (www.kau.in). Withdrawal of tenders after its acceptance or failure to supply the equipments or not according to the specifications will entail cancellation of the tender.
- The sealed cover containing the tender documents should be superscribed as “**Limited tender for ELISA Microplate Reader**”
- The successful tenderer 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 work quoted in the form of term deposit/bank guarantee/demand draft drawn in favour of **Professor & Head, Rice Research Station ,Vyttila payable at SBI, Vyttila** .The format of the agreement can be downloaded from the KAU website (www.kau.in)
- The item should be supplied at our premises.
- Warranty details and firmness of the quoted price should be clearly stated.
- The Professor & Head has the right to accept or reject any or all of the offers without assigning any reason.
- All the rules and regulation applicable to Government Tenders will be applicable to this Tender also.
- The decision of the under signed in finalizing the tenders shall be final and binding enquiries if any may be mailed to rrsvyttila@kau.in.




Dr. Sreelatha A.K
Assoc.Professor & Head

To: Firms/Notice board/KAU website