

INTER UNIVERSITY CENTRE FOR GENOMICS AND GENE TECHNOLOGY (IUCGGT)

University of Kerala, Kariavattom, Thiruvananthapuram, Kerala- 695581

CGGT/KU/55/2023

Date: 18.04.2023

Sealed quotations are invited from the reputed firms/ manufactures/distributors for the supply of **Microplate Reader** with relevant specifications on or before 03.05.2023. Sealed quotations should be addressed to **The Hon. Director, Inter University Centre for Genomics and Gene Technology (IUCGGT), University of Kerala, Thiruvananthapuram - 695581** with superscription "Quotation for the supply of Microplate Reader". The quotation will be opened on 03.05.2023 at 11 AM.

Technical Specifications For MICROPLATE READER

General

Detection mode	: Absorbance.
Read method	: Should be able to perform End-point, kinetic, well-area scanning assays.
Microplate types	: Should read 6, 12, 24, 48 & 96 well plates without need for any adapters.
Shaking	: Should have variable speed shaking
User interface	: 4.3" color LCD touchscreen display
Software	: Software for external computer control and data analysis

Absorbance

Light source	: Tungsten halogen
Wavelength selection	: Filters
Wavelength range	: 400-750nm
Filter wheel capacity	: 5 positions
Filters supplied	: 405, 450, 490, 630
Resolution	: 0.001 OD
OD accuracy	: < 1% at 2.0 OD @ 405nm
OD linearity	: < 1% from 0 to 2.0 OD @ 405nm
OD repeatability	: 0.5% at 2.0 OD typical @ 405nm
Reading speed	: 11 seconds (96 well plates- sweep mode)

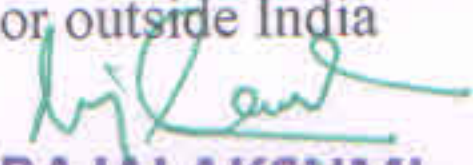
Physical Characteristics

Connectivity	: Should have 1 USB port for computer control and 1 USB port for printer
Power Supply	: 100 to 240V, 50-60 Hz, 40 Watts

Terms and conditions

1. The prices quoted should be that applicable for educational institutions.
2. The firm should extend service within 24 hours.
3. Prices are to be quoted FOR DESTINATION (IUCGGT, University of Kerala, Kariavattom). The prices quoted should clearly indicate the 4 following charges: Price of the equipment including taxes; Price of optional accessories if any; Customs duty if any (after submission of custom and excise exemption certificate); Customs Clearance Charges, transportation charges and installation charges etc. If these details are not provided it will be considered that the price quoted is inclusive of all charges.
4. Performance Certificate of the specified model should be attached along with the quotations.
5. The undersigned reserves the right to reject any or all of the tenders received without assigning any reason thereof.
6. If any of the components is found to be defective during the warranty period, the vendor has to replace the defective item immediately at their own cost.
7. Supplier authorization letter and specification compliance sheet to be provided along with the quotation.
8. Quotations should also include all the supportive work for installation, loading and unloading of the equipment.
9. The interested bidders shall submit their best possible offer before last date to the undersigned.
10. Should be a certified company which has provided at least 5 installations of products within or outside India
11. The rate quoted shall be valid for a period of one year




Dr. R. RAJALAKSHMI
Hon. Director
Inter University Centre for Genomics &
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