



DEPARTMENT OF BIOCHEMISTRY
UNIVERSITY OF KERALA
KARIAVATTOM 695 581

27-02-2025

Ref: BCH/VV/IT Enabled activity-Plan/ 2025-26

TENDER NOTICE

Sealed tenders are invited for the purchase of **75" Interactive Flat Panel Display (Conference Use)** under the FY 202526 – Plan project proposal entitled “**A Guide to Virtual understanding of Lifestyle Disorders: Development of Evidence-Based Educational Video Modules**”.

Technical Specifications

Sl. No.	Parameter	Minimum Specification Required
1	Screen Size	75 inch Interactive Flat Panel Display
2	Resolution	4K UHD (3840 × 2160)
3	Backlight Technology	Direct LED / Equivalent
4	Brightness	Minimum 450 cd/m ²
5	Viewing Angle	178° horizontal and vertical
6	Refresh Rate	Minimum 120 Hz
7	Glass Protection	Anti-glare, anti-fingerprint tempered glass, minimum 9H hardness
8	Touch Technology	Multi-touch interactive panel supporting finger and passive stylus
9	Touch Points	Minimum 20 simultaneous touch points
10	Bonding	Zero bonding or equivalent for smooth writing
11	Operating System	Android-based latest available version (minimum Android 13)
12	Certification	EDLA or equivalent certification enabling collaboration apps, BIS, EMC, CE, ROHS
13	Processor	Octa-core high-performance processor (ARM Cortex A76/A55 or better)
14	GPU	High-performance GPU equivalent to Mali G610 or better
15	RAM	Minimum 16 GB DDR4
16	Internal Storage	Minimum 128 GB (expandable preferred)
17	Camera	Built-in 4K AI camera, minimum 120° field of view, Face tracking
18	Microphones	Minimum 8-array microphone with echo cancellation and

		noise reduction
19	Audio	Integrated speakers minimum 2 × 20W front-facing + subwoofer preferred
20	Wireless Connectivity	Wi-Fi 6 or higher, Bluetooth 5.0 or higher
21	Wired Connectivity	Multiple HDMI inputs, USB 3.0 ports, USB-C input, LAN port
22	Built in PC	OPS for Interactive Display Core i5 / 8GB / 512GB SSD / Wifi Bluetooth, Pre installed windows OS
23	Collaboration Software	Wireless casting, conferencing compatibility, whiteboard tools
24	Floor Mounting Stand Mobile Trolley	Height Adjustable & Suitable for 65",75" and 86" Interactive Flat Panels, Locking Wheels
25	Warranty	Minimum 3 years onsite comprehensive warranty
26	Accessories	Stylus pens, cables, remote control

The tender forms can be downloaded from the Website of the University of Kerala, www.keralauniversity.ac.in. The cost of tender form and Earnest Money Deposit (EMD) should be remitted by way of Demand Draft issued from a nationalized/scheduled bank, drawn in favour of **Head, Department of Biochemistry, University of Kerala, Kariavattom Campus, Kerala**. DD has to be payable at **State Bank of India, University of Kerala, Kariavattom Campus Branch (IFS Code : SBIN0070043)**, as described below :

Cost of Tender Form	₹472/- (₹400+18% GST)
Earnest Money Deposit (EMD)	₹1500/-

The cost of tender form will not be refunded and the separate DD towards the cost of the tender form and the EMD should be submitted. For more details, please log on to www.keralauniversity.ac.in.

Conditions

- 1. The rate quoted should be inclusive of all charges such as packing, forwarding, freight, loading/unloading/handling or any other charges.**
- 2. Compliance Statement should be submitted separately that includes all parameters including Make of the quoted item, as detailed in Tender Document.**
- 3. Complaints if any with the items supplied should be rectified/replaced to the satisfaction of the University by the suppliers at their own cost.**
- 4. Payment will be made only after the supply of the item at the proposed site.**
- 5. The undersigned reserves the right to accept/reject any quotation without assigning any reason.**

The sealed tenders may be submitted to Dr. Viji Vijayan, Assistant Professor, Department of Biochemistry, University of Kerala, Kariavattom Campus, Thiruvananthapuram, Kerala 695 581. The tenders should have superscription on the envelope **“Tenders for 75” Interactive Flat Panel Display (Conference Use)**– project entitled **“A Guide to Virtual understanding of**

Lifestyle Disorders: Development of Evidence-Based Educational Video Modules". The tenders should reach not later than 11.00 PM on 12/03/2026 (12 March 2026).

Sd/-

Dr. Viji Vijayan

Assistant Professor

Department of Biochemistry

University of Kerala