



## UNIVERSITY OF KERALA

Thiruvananthapuram, Kerala, India – 695034

(Established as University of Travancore by the Travancore University Act in 1937 and reconstituted as University of Kerala by the Kerala University Act of 1957 and presently governed by the Kerala University Act of 1974 passed by the Kerala State Legislative Assembly)  
(Re-accredited by NAAC with 'A++' Grade)

41856/Ad  
A/2025/UOK

BIV

31.10.2025

### E-TENDER NOTICE

Competitive Tenders are invited from the reputed Manufacturers/Firms /Suppliers for the supply of following items for the use in the Department of Computer Science, University of Kerala, Kariavattom Campus, Thiruvananthapuram.

Bid submission start date	3/11/2025
Last date and time for submission of tender online	19.11.2025, 05.00 PM
Date and time of opening of bid	22.11.2025 10.30 AM
Tender Fee	Rs 1416 /- (Rs 1200 + GST /-)
Cost of EMD	Rs.6200/-
Completion/delivery period	60 days
For technical details, contact	Sreelekshmi, Programmer, Dept. of Computer Science, Kariavattom 8943384833

#### Details of the items required

- 1) High Performance workstation- 3 Nos
- 2) Laptop - 3 Nos
- 3) Television (projector purpose) - 2 Nos
- 4) IOT kits- Raspberry Pi 4 Model B- 4GB - 5 Nos

(The detailed specification of the item is appended)

#### TERMS AND CONDITIONS

1. Every Tenderer should submit a tender fee of **Rs. 1416/- (Rupees One Thousand Four Hundred and Sixteen Only)**
2. Every Tenderer should submit an Earnest money Deposit EMD of **Rs. 6200 /- (Rupees Six Thousand and Two Hundred Only)**
3. Incomplete & conditional tenders and tenders received after the due date will be summarily rejected without assigning any reasons thereof.
4. The price should be inclusive of all taxes, duties, transportation, insurance, installation etc. Nothing extra will be paid in addition to the quoted rate. Any amount in Indian



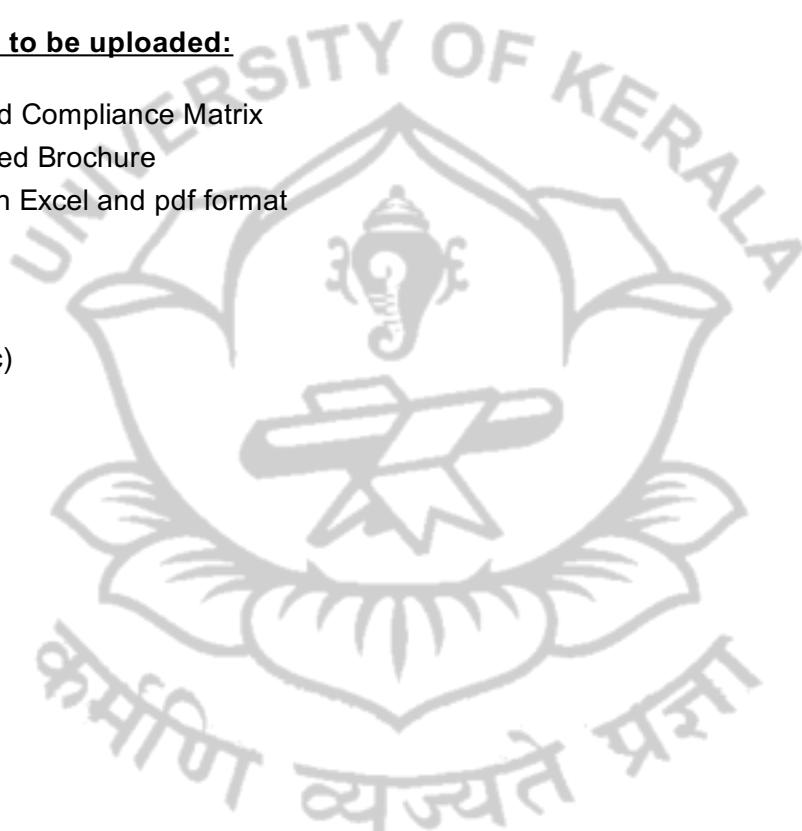
rupees for installation, commission, labour, service etc shall be entered in BoQ.

5. **Compliance Statement:** Along with the technical details provide a tabular column indicating whether the equipment quoted by you meets the specifications by indicating 'YES' or 'NO'. If 'YES', support the claim by providing original brochures. Vendors should provide clear brochures/data sheets about the software and its working. Also include adequate proof for the claim regarding the performance in terms of quality research publications is a must.
7. **Payment Terms:** After delivery.
8. Detailed Financial bids should be separately submitted in pdf format.
9. The tender shall be submitted in the two bids viz. Technical Bid and Financial Bid. Only those qualified in technical bid will be eligible for participating in financial bid.
10. **Validity of tender:** Tender submitted shall remain valid at least for 180 days from the date of opening the tender. Validity beyond 180 days, from the date of opening of the tender shall be by mutual consent.
11. **Delivery and installation:** Proposed delivery schedule should be mentioned clearly. Delivery should be made for the Department of Computer Science, University of Kerala, Kariavattom Campus, Thiruvananthapuram without extra cost.
12. The undersigned reserves the right to reject any or all of the tenders received without assigning any reason thereof.

**Documents to be uploaded:**

1. Signed Compliance Matrix
2. Detailed Brochure
3. BoQ in Excel and pdf format

RESMI R  
Registrar(i/c)



## Specifications and details of the items

### **A. High Performance Workstation (3 Nos)**

<b>Processor:</b>	Intel Xeon series or i7 latest generation
<b>Memory :</b>	128 GB or higher
<b>SSD:</b>	1 TB SSD or Above
<b>Ports Front:</b>	USB 3 ports, WiFi and Ethernet Port, SD-card slot HDMI port, Universal audio port
<b>Graphics:</b>	40 GB Nividia or higher
<b>Display:</b>	22" LED Monitor
<b>Keyboard &amp; Mouse :</b>	USB Wired Keyboard & optical Mouse
<b>Operating System:</b>	Windows 11 pro with MS Office and Ubuntu
<b>Warranty:</b>	5 years
<b>Preferred Brand:</b>	HP/DELL/LENOVO
<b>Cost per unit</b>	1,25,000
<b>Total Cost</b>	3,75,000

### **B. Laptop (3 Nos)**

<b>Processor:</b>	Intel i3 or i5 or AMD Ryzen
<b>Memory :</b>	8GB or 16 GB SDRAM
<b>SSD:</b>	256 GB SSD or Above
<b>Interface:</b>	HDMI, USB Type A, Stereo headphone/microphone combo jack Ethernet Port
<b>Display:</b>	15.6"
<b>Camera:</b>	HD movie
<b>Color</b>	Black
<b>Battery</b>	backup 4 to 6 hours
<b>Keyboard</b>	full size numeric keyboard
<b>Connectivity</b>	Bluetooth, Wi-Fi
<b>Operating System:</b>	Windows 11 with MS Office/Ubuntu
<b>Warranty:</b>	5 years
<b>Preferred Brand:</b>	HP/DELL/LENOVO
<b>Cost per unit</b>	30,000
<b>Total Cost</b>	90,000

### **C. Television - Projector Purpose (2 Nos)**

<b>Screen Size</b>	55 Inches
<b>Brand</b>	Samsung/Xiaomi/REdMi
<b>Display Technology</b>	UHD
<b>Resolution</b>	4K
<b>Refresh Rate</b>	50 Hz
<b>Included Components</b>	1 Unit TV, 1 Remote Control, 1 Power Cable
<b>Connectivity Technology</b>	Wi-Fi, USB, Ethernet, HDMI
<b>Aspect Ratio</b>	16:9
<b>Product Dimensions</b>	6D x 123.4W x 71.1H Centimeters
<b>Cost per unit</b>	40,000
<b>Total Cost</b>	80,000



**D. IOT kits - Raspberry Pi 4 Model B - 4 GB (5 Nos)**

<b>Power Supply - Raspberry Pi 15W</b> <b>USB-C Power Supply is designed to power Raspberry Pi 4 and Raspberry Pi 400 computers</b>	Input voltage: 100 - 240V Input AC frequency: 50-60Hz Output voltage: 5.1V Output current: 3.0A Output power: 15W Average active efficiency: 84.6% Efficiency at low load (10 %): 82.1% No-load power consumption: 0.05W Connector: USB-C Cable: 1.5m 18 AWG, white or black
<b>Raspberry Pi 4 Case Fan</b>	Input voltage: 5V DC supplied via 40-pin GPIO header on Raspberry Pi 4 Fan speed control: Pulse width modulation control via user-selectable GPIO pin Maximum airflow: 1.4 CFM Case material: Clear PC
<b>Raspberry Pi 4 Case</b>	High-quality ABS construction Secure fit protects your Raspberry Pi 4 Optional removable clip-on lid Cut-outs for dual micro HDMI, Audio/Video, USB and Ethernet ports, as well as the USB-C power connector and access to the microSD card Power and activity lights remain visible Anti-slip feet Compatible with Raspberry Pi 4 Case Fan
<b>MICRO SD CARD 16 GB</b>	CLASS 10 Micro SD card with Raspberry Pi OS installed
<b>MICRO SD CARD 32 GB</b>	CLASS 10 Micro SD card with Raspberry Pi OS installed
<b>Raspberry Pi Active Cooler</b>	Input voltage: 5V DC supplied via four-pin fan header on Raspberry Pi 5 Fan speed control: Pulse width modulation control with tachometer Maximum airflow: 1.09 CFM Maximum fan speed: 8000 RPM +/- 15% Product material: Anodised aluminium
<b>Aluminum Heatsink for Raspberry Pi - Large</b>	14 x 14 x 6 (LxWxH) mm
<b>Aluminum Heatsink for Raspberry Pi - Small</b>	9 x 9 x 5 (LxWxH) mm
<b>Micro HDMI® to HDMI® Cable 1 M</b>	Raspberry Pi micro HDMI® to standard HDMI® (A/M) cable designed for the Raspberry Pi 4 computer.
<b>Micro HDMI® to HDMI® Cable 2 M</b>	19-pin HDMI® Type D(M) to 19-pin HDMI® Type A(M) 1m and 2m cables available in both white and black Nickel-plated plugs
<b>Mini HDMI Male to HDMI Female Adapter</b>	Official Raspberry Pi Mini HDMI C/Male to HDMI A/Female adapter designed for use with Raspberry Pi Zero computers
<b>Mini HDMI Male to HDMI Female Cable</b>	Official Raspberry Pi Mini HDMI C/Male to HDMI A/Female cable
<b>USB A/Male to Micro USB/Male cable</b>	Official Raspberry Pi USB A/Male to Micro USB/Male cable. Designed for use with Raspberry Pi Zero (including Zero 2), Raspberry Pi Pico, and the official Raspberry Pi keyboard



<b>Micro USB/Male to USB A/Female cable</b>	Official Raspberry Pi Micro USB/Male to USB A/Female cable allows to connect USB Type A accessories to Raspberry Pi Zero's USB On-The-Go port
<b>USB Micro-B to USB-C Adapter</b>	Small adapter allows to convert an existing micro USB power supply (like the official Raspberry Pi universal power supply for Raspberry Pi 1, 2 and 3) into a USB-C power supply
<b>Cost per unit</b>	15,000
<b>Total Cost</b>	75,000

### Estimated total cost (approximate)

A. High Performance Workstation (2 Nos)	3,75,000
B. Laptop (3 Nos)	90,000
C. Television - Projector Purpose (2 Nos)	80,000
D. IOT kits - Raspberry Pi 4 Model B - 4 GB (5 Nos)	75,000
<b>Total</b>	<b>6,20,000</b>





**Basic Details**

Organisation Chain	Kerala University		
Tender Reference Number	41856/Ad B IV A/2025/UOK		
Tender ID	2025_KU_801683_2	Withdrawal Allowed	Yes
Tender Type	Open Tender	Form of contract	Supply
Tender Category	Goods	No. of Covers	2
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	Yes
Payment Mode	Online	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No

**Payment Instruments**

Online Bankers	S.No	Bank Name
	1	SBI MOPS

**Cover Details, No. Of Covers - 2**

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical	.pdf	signed compliance matrix
		.pdf	detailed brochure
		.pdf	GST payment receipt
2	Finance	.xls	BOQ
		.pdf	BOQ

**Tender Fee Details, [Total Fee in ₹ \* - 1,200]**

Tender Fee in ₹	1,200	
Fee Payable To	Nil	Fee Payable At
Tender Fee Exemption Allowed	Yes	

**EMD Fee Details**

EMD Amount in ₹	6,200	EMD Exemption Allowed	Yes
EMD Fee Type	fixed	EMD Percentage	NA
EMD Payable To	Nil	EMD Payable At	Nil

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**Work /Item(s)**

Title	Purchase of computing and teaching equipment- Dept. of Computer Science			
Work Description	Purchase of computing and teaching equipment- Dept. of Computer Science			
Pre Qualification Details	Please refer Tender documents.			
Independent External Monitor/Remarks	NA			
Show Tender Value in Public Domain	No			
Tender Value in ₹	6,20,000	Product Category	Equipments	Sub category
Contract Type	Tender	Bid Validity(Days)	180	Period Of Work(Days)
Location	Dept. of Computer Science, Kariavattom	Pincode	695581	Pre Bid Meeting Place
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place
Should Allow NDA Tender	No	Allow Preferential Bidder	No	Senate House Campus, Palayam, Thiruvananthapuram

**Critical Dates**


Issue Date	04-Nov-2025 12:00 PM	Bid Opening Date	22-Nov-2025 10:00 AM
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<b>Document Download / Sale Start Date</b>	04-Nov-2025 12:00 PM	<b>Document Download / Sale End Date</b>	19-Nov-2025 05:00 PM
<b>Clarification Start Date</b>	NA	<b>Clarification End Date</b>	NA
<b>Bid Submission Start Date</b>	04-Nov-2025 12:00 PM	<b>Bid Submission End Date</b>	19-Nov-2025 05:00 PM

### Tender Documents

<b>NIT Document</b>	<b>S.No</b>	<b>Document Name</b>	<b>Description</b>	<b>Document Size (in KB)</b>
	1	Tendernotice_1.pdf	Tender notice	1465.68

<b>Work Item Documents</b>	<b>S.No</b>	<b>Document Type</b>	<b>Document Name</b>	<b>Description</b>	<b>Document Size (in KB)</b>
	1	Tender Documents	41856-Ad_BIV_A-2025-UOK.pdf	Tender notice	1448.45
	2	BOQ	BOQ_1372213.xls	BOQ	303.50

### Bid Openers List

<b>S.No</b>	<b>Bid Opener Login Id</b>	<b>Bid Opener Name</b>	<b>Certificate Name</b>
1.	janeeshbiochemistry@keralauniversity.ac.in	JANEESH P A	Janeesh P A
2.	gsubodh@gmail.com	SUBODH G	SUBODH GANESAN POTTI
3.	rameshts.70@gmail.com	RAMESH T S	RAMESH. T S
4.	minidejo@gmail.com	MINI DEJO KAPPEN	Dr Mini Dejo Kappen

### Tender Properties

<b>Auto Tendering Process allowed</b>	No	<b>Show Technical bid status</b>	Yes
<b>Show Finance bid status</b>	Yes	<b>Stage to disclose Bid Details in Public Domain</b>	Technical Bid Opening
<b>BoQ Comparative Chart model</b>	Normal	<b>BoQ Comparative chart decimal places</b>	3
<b>BoQ Comparative Chart Rank Type</b>	L	<b>Form Based BoQ</b>	No

### Tender Inviting Authority

<b>Name</b>	The Registrar
<b>Address</b>	University of Kerala, SH campus, Palayam, Thiruvaanthapuram

### Tender Creator Details

<b>Created By</b>	MINI DEJO KAPPEN
<b>Designation</b>	DPD
<b>Created Date</b>	04-Nov-2025 10:42 AM

