



UNIVERSITY OF KERALA
DEPARTMENT OF AQUATIC BIOLOGY & FISHERIES

Karyavattom, Thiruvananthapuram 695 581, Kerala, India
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QUOTATION NOTICE

Sealed quotations are invited from the Original Equipment Manufacturers (OEM) or their authorized dealers for supply and installation of the following equipments for State Plan Fund- MH: 20 (i) of the Department of Aquatic Biology and Fisheries, University of Kerala as per the specification mentioned here.

Last date and time of receipt of quotations: **07-01-2023; 04.00 PM**

Quotation may be addressed to: The Professor & Head, Department of Aquatic Biology and Fisheries, University of Kerala, Karyavattom, Thiruvananthapuram 695581

Item 1: Supply and Installation of Projector with screen

Projection System : LCD/LED/IDLP Technology

Light Output : 3,500 Lumens/above

Lamp Life : 5000 Hours

Resolution : XGA, 1024 x768

Aspect Ratio : 4:3

Connectivity : USB, HDMI in

Accessories Required: Ceiling Mount Kit, 15 Mtrs HDMI Cable, 15 Mtrs Power Cable, Auto

lock Pull down Projection screen size:7 x 5 feet.

Warranty : 2 years for projector and 6 months or 1000 hours FOI Lamp

HDMI and Power cable should be routed through appropriate size of PVC Conduit.

Item 2. Photocopier

Print Technology: Monochrome Laser

Type : Printer/Copier/Scanner

Copy/Print Speed: Minimum 20 PPM (A4)

Paper Size: A.4, A3

RAM: Minimum 512 MB

Resolution (Copier)

Port : 600X600 dpi or above

Network and USB

Paper Tray Capacity : Min 100 sheet or higher

Paper Feed Trays : Minimum 1 Tray and a Bye-pass Tray

Warranty : 3-year comprehensive onsite warranty

Features : Support for ADF and Auto Duplex

OS : Ubuntu, Windows

Item 3. Thermo Mixer

Thermo Mixer C, basic device with one thermo block, 220-240V

Peltier controlled device for temperature control and mixing in various tube and plate formats

Special Features: 2D Mix-Control Optimized mixing and Antispill technology

Short - mix function, Interval mix

Pause function minimum 5 direct program keys, reprogrammable and stored minimum 20 program spaces with 4 steps in the menu User friendly concept. Excellent mixing and incubating performance.

Temperature control range: From 15 °C below room temperature to 100 C, minimum setting of 1°C Mixing frequency: 300 - 3000 rpm

Maximum Temperature Accuracy: $\pm 0.5^{\circ}\text{C}$ at 20-45C

Temperature Homogeneity: Max. $\pm 0.5^{\circ}\text{C}$ at 20-45°C Maximum Heating rate: $6^{\circ}\text{C} / \text{min}$

Maximum Cooling rate: $2.5^{\circ}\text{C} / \text{min}$ between 100°C

Power supply: 220 - 240 V, 50 - 60 Hz Power requirement: 200 W

Dimensions (W x D x H): 20.6 x 30.4 x 13.1 cm Weight of basic device: 6.2 Kg

Smart Block 1.5mL, thermo block for 24 1 tubes 1.5 mL for use with Thermo Mixer C and ThermoStat C Features

Item 4: Digital Podium

1. Wireless lectern with built in Amplifier and built-in speaker system
 2. Provision for connecting external speaker required
 - 3 Should contain detachable gooseneck condenser microphone and a reading light for the podium top.
 - 4 Should contain a built in VHF wireless receiver and hand held wireless transmitter
 5. Input: 6.3mm jack for wired mic and a line through XER connector and stereo auxiliary source through L&R RCA plug'
 6. Voice Priority required.
 7. Built in digital recorder cum MP3 player
 8. Separate output connectors for ILINE OUT & REC OUT
 9. Power 240Y 50Hz
 10. Additional items
- XLR cable minimum 5M length- 2 No
6.3mm AUX cable minimum 5M length- 1No
RCA TO AUX (3.5mm) minimum 5M length- 2Nos
3mm to 3.5mm jack cable minimum 5M length- 2Nos

Terms and Conditions

1. The bidder should submit following documents along with bid:
 - Detailed technical compliance of product quoted with cross reference
 - Brochure and literature of the product quoted establishing its Brand, Make, Model and Technical Specifications
 - List of addresses of Offices/Company's Service Centres

- Original Equipment Manufacturer (OEM) Certificate/ Undertaking. If the bidder is not an OEM, Certificate of authorized dealership/ distributorship from the OEM.
 - Certificate from the OEM for technical support to the bidder and supply of spares.
 - **Earnest Money Deposit (EMD): EMD calculated @ 1% of the Purchase Assessment Cost (PAC- excluding GST) should be paid by the firm. The EMD should be remitted by way of Demand Draft drawn in favour of ‘The Finance Officer, University of Kerala’ payable at ‘SBI, University Office Campus, Palayam’ and to be submitted along with sealed quotations.**
2. Incomplete & conditional quotations received after the due date will be summarily rejected without assigning any reasons thereof
 3. The Price/Rate quoted should be inclusive of all Taxes Freight, Packing & Forwarding Charges, Handling, Delivery Charges, installation charges etc.
 4. The configuration given is the minimum configuration that is/are required. Vendors may choose to supply higher/better/ enhanced systems, but their financial quotes shall be treated as if they have been offered for the specified configuration only.
 5. The bid shall be typed and shall be signed by the bidder or a person duly authorized to bind the bidder to the contract.
 6. The bidder is expected to examine all instructions, forms, terms, condition, and technical specifications in the quotation Documents. Failure to furnish all information required by the quotation documents or submission of a bid not substantially responsive may result in the rejection of its bid.
 7. The bidders shall give undertaking that all the Components used in the equipments shall be original make as per the technical specifications submitted and the hardware/software shall be supplied with the authorized license certificates, if found contrary the supplier shall replace the component/equipment with original one at their own cost 8.
 8. All prices should be in INR
 9. Delivery and installation: Proposed delivery schedule should be mentioned clearly. Delivery and installation should be made at the Department in Karyavattom campus without any extra cost. Complete installation, testing of the system and demonstration are to be provided at site.
 11. Service facility: Supplier should mention their details of service setup and manpower in Kerala who are responsible for service and supply of AMC, if any.
 12. In case of any dispute, the decision of the University authority shall be final and binding on the bidders. The undersigned reserves the right to reject any or all of the tenders received without assigning any reason thereof.

The quotations should be submitted in sealed over with title **“Quotation for the equipments for State Plan Project at the Department of Aquatic Biology & Fisheries, University of Kerala”**

Sd/-

Dr A BIJU KUMAR