

# Department of Biochemistry

## University of Kerala

Kariavattom, Thiruvananthapuram-695 581

### QUOTATION NOTICE

No. BCH/Budget speech/biopesticideICE/ 2025-26  
13.03.2026

Date:

Sealed quotations are invited from competent vendors/suppliers within Kerala for the supply of ice flaking machine for Department of Biochemistry, University of Kerala, Kariavattom Campus, Thiruvananthapuram for the project - **Development of Biopesticides from the Selected Ferns of the Western Ghats, Kerala.**

#### **Technical Specification for ice flaking machine**

- Ice flake machine with production capacity 20kg/24h.
- Storage bin capacity should be minimum 7-10kg.
- System construction: External material; 18/8 stainless steel, Internal material; Food grade ABS.
- Storage bin must be rust proof with PU foamed insulation to protect ice from ambient temperature.
- System automatically stops when the bin is full and resumes when ice level reduces below certain level.
- Integrated microprocessor controller with indicators to simplify all working condition and alarms.
- High quality stainless steel shells, anti-corrosive and durable, all in one independent structure and space saving design.
- Should have multiple alarms: high/low ambient temperature, bin full, sensor failure, water interruption, low water, overcooling protection.
- Air cooled refrigeration/condenser system with internal protection against overvoltage.
- Internal bladders should be fluorine free bacterial inhibitory type.
- CFC/HCFC free R134a refrigerant.
- System should recycle the excess water every time after generating the ice flakes.
- Power switch indicator should be in the front board of the machine.
- Power supply 220 V
- Standard accessories: ice scoop and water inlet/ outlep pipe
- Suitable Voltage stabilizer to support the machine to be provided
- Warranty: 3 years

### **General Terms & Conditions for technical verification and purchase of equipments**

1. Quotations from vendors who are blacklisted by State / Central Government departments and organizations are not eligible to participate in this quotation and such quotation will be summarily rejected.
2. The vendor should have registered office/Own service centre in Kerala preferably in Thiruvananthapuram.
3. Compliance Statement should be submitted separately that includes all parameters including Make and Model of the quoted item, as in specification.
4. Detailed equipment data sheet should be submitted.
5. All the items must have a warranty period, as mentioned in the specification.

### **Other General conditions**

Sealed quotations are invited for the supply of the materials as specified in schedule attached below.

1. The quotations should be addressed to Head, Department of Biochemistry, University of Kerala in a sealed cover **“Quotations for the supply and installation of One number of Ice flaking machine - for Department of Biochemistry, University of Kerala, Kariavattom Campus, Thiruvananthapuram for the project - Development of Biopesticides from the Selected Ferns of the Western Ghats, Kerala”** duly superscribed on the cover.
2. Quotations that are not in the prescribed form are liable to be rejected. The rates quoted should be only in Indian currency. Quotations in any other currency are liable to rejection.
3. The quotations will be opened on **27 March, 2026** in Department of Biochemistry, in the presence of such of those vendors or their nominees who may be present at that time.
4. The final acceptance of the quotations rest entirely with the University.
5. Rate quoted should be inclusive of GST, transportation charges, installation charges and any other charges.
6. The price quoted should be applicable to the educational institutions
7. Only one model can be quoted in a quotation: If the vendor wants to quote for more than one model, separate quotations should be submitted.
8. Service facility: Supplier should mention their details of service setup and manpower in Trivandrum who are responsible for after sales service.
9. The prices quoted should clearly indicate the 4 following charges: Price of the material including taxes; Price of optional accessories if any; Customs duty (after submission of

custom and excise exemption certificate); Customs Clearance Charges, transportation charges and installation charges. If these details are not provided it will be considered that the price quoted is inclusive of all charges

10. Performance Certificate of the specified model should be attached along with the quotation.

11. The undersigned reserves the right to reject or accept any or all the quotations received fully or partly without assigning any reason thereof.

12. Please include the part about the details of the last 3/5 customers in South India to which the Unit was supplied.

13. General rules of the University relating to purchase of materials/equipment will also applicable to this quotation notice.

The sealed quotations along with Compliance Statement and the technical specification/brochure should be addressed to The Head, Department of Biochemistry University of Kerala, Kariavattom Campus, Thiruvananthapuram- 695 581 " superscribing as **“Quotations for the supply and installation of One number of Ice flaking machine - for Department of Biochemistry, University of Kerala, Kariavattom Campus, Thiruvananthapuram for the project - Development of Biopesticides from the Selected Ferns of the Western Ghats, Kerala”**.

The last date of receipt of quotations is **11.00 AM on 27 March 2026**. The quotations will be opened at the Department of Biotechnology, University of Kerala at **12.00 PM** on the same day in the presence of vendors then present.

Sd/-

**Head**

**Department of Biochemistry**

