



# DEPARTMENT OF BIOCHEMISTRY

(DST-FIST Sponsored Department)

## UNIVERSITY OF KERALA



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)**

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### QUOTATION NOTICE

**(BCH/State Plan-04/2022-23)**

Sealed two bid quotations are invited for the supply of **Horizontal Electrophoresis System and Power Pack** with relevant specifications with on or before **30/11/2022** at **4.00pm**. Sealed quotations should be addressed to Professor & Head, Department of Biochemistry, University of Kerala, Thiruvananthapuram-695581 with superscription "Quotation for the supply of of **Horizontal Electrophoresis System and Power Pack**. The quotation will be opened on **01/12/2022** at **2pm** in the presence of such tenderers or their authorized representatives who may be present at that time. The rate quoted shall be valid for a period of one year. Quotations should also include all the supportive work for installation, loading and unloading of the equipment. Bidders have to note Appendix I - Technical Specifications and Appendix II- Terms and Conditions and should attach the relevant documents along with the quotation.

**Name of the Equipment: Horizontal Electrophoresis System and Power Pack**

#### **Appendix I - Technical Specifications.**

##### **1. Electrophoresis Unit**

- Cell Size [ Wx L x H ] : 17.8 x 25.5 x 6.8 cm
- Gel Tray Size [LxW] : 15 x 10 cm
- Sample Throughput : 10-60
- Base Buffer Volume : ~ 650 ml
- Gel Caster : Included
- Two 1.5 mm fixed height combs( 15 and 20 well

##### **2. Power Pack**

- Output range (programmable): 10–300 V, fully adjustable in 1 steps 4–400 mA, fully adjustable in 1 mA steps 75 W maximum.
- Type of output: Constant voltage, constant current with automatic crossover.
- Output terminals: 4 pair recessed banana jacks floating in parallel..
- Timer: 1–999 min, fully adjustable.
- Pause/resume run function: YES
- Display: LED

- Operating conditions: 0–40°C; 0–95% humidity in the absence of
- Safety compliance: EN–61010
- EMI: Conforms to CE Standards for Emissions and Immunity class A, tested only at 230 V; TÜV EMC certification
- Safety features: No-load detection, sudden load change detection, overload/short circuit protection, input line protection, auto power-up after power failure
- Input protection: Fuse on both hot and neutral
- Input power (actual): 90–120 or 198–264 VAC, 50 or 60 Hz, autoswitching
- Dimensions: 21 x 24.5 x 6.5 cm (W x D x H)

#### **Appendix II- Terms and Conditions**

- Delivery within 4-6 weeks from the date of receipt of our order.
- 2-3 years Warranty

Sd/-  
HOD