

**Department of Biotechnology,
University of Kerala, Kariavattom,
Thiruvananthapuram-695581, Ph. No. 0471 2308778**

No. Bio-Tech/Purchase Proj/2022-23/ 19

Date: 01.09.2022

Competitive Sealed Quotations are invited from the reputed firms /manufacturers / distributors for the supply of Agarose gel Electrophoresis system and Power pack with all relevant specifications and quantity detailed below. Sealed quotations addressed to The Head, Department of Biotechnology, University of Kerala, Kariavattom campus, Thiruvananthapuram-695 581 should reach on or before 20th September 2022, 2.00 pm. The quotation will be opened at 3 pm on 22nd September 2022 at Department of Biotechnology, University of Kerala, Kariavattom Campus.

Sl No	Name of the Item	Quantity	Technical Specification
1	Agarose gel Electrophoresis System (Horizontal type)	01	<ul style="list-style-type: none"> • The system should be able to run the gel size of 7x10cm with safety lid. • Sample through put : 8 – 30 • Buffer Volume should not exceed 270 ml • A system should include UV transparent gel tray of size 7x 7 with integrated fluorescent ruler. • A system should include gel caster which should be tape free module for leak free operations. • A system should include two 8 and 15-wellfixed height combs(1.5mm). • A system should have the option for adjustable height combs with comb holders. • Migration rate of Bromophenol Blue dye should be similar to 4.5cm/hr(at 75 V). • A system should have a lock-in design to run precast ready agarose gels. • It should come with all accessories
			<ul style="list-style-type: none"> ▪ Gel Size : 15 X 10 cm ▪ Sample through put : 10 – 60

2	Agarose gel Electrophoresis System (Horizontal type)	01	<ul style="list-style-type: none"> ▪ Buffer Volume should not exceed 650 ml ▪ A system should include UV transparent gel tray of size 15x10 with integrated fluorescent ruler. ▪ A system should include tape free gel casting module for leak free operations. ▪ A system should include two combs 1.5mm (15- & 20-wel fixed height combs. ▪ A system should have the option for adjustable height combs with comb holders. ▪ Migration rate of Bromophenol Blue dye should be similar to 4.5cm/hr(at 75 V). ▪ A system should have a lock-in design to run precast ready agarose gels. ▪ Should come with all accessories
3	Power Pack	01	<ul style="list-style-type: none"> • Output Range : 10 – 300 V fully adjustable in 1 V steps 4–400 mA, fully adjustable in 1 mA steps 75 W maximum • Should offer simple programming, timer control, constant voltage, or current output. • To prevent damage to electrophoresis cells, the Power Supply should have automatic crossover. • Power failure detection in timed mod and when power returns run will complete. • Automatic detection of rapid changes in resistance, rapid voltage change detection and no load conditions. • The power pack should have output terminals with 4 pair recessed banana jacks in parallel. • It should have timer control to run gels from 1min –999hr, fully adjustable. • Operating conditions: 0–40°C; 0–95% humidity in the absence of condensation • It should have LED display of power supply. • Should be CE/IVD USA certified or CE European certified

Terms and Conditions

- Bidder should clearly indicate the model number of the offered item. The make and model of the item should be confirmable from the manufacturer's official website.
- Incomplete & conditional quotations and quotations received after the due date will be summarily rejected without assigning any reasons thereof
- Quotation submitted shall remain valid at least for 90 days from the date of opening the quotation
- The price should be inclusive of all taxes, duties, transportation, installation etc. Nothing extra will be paid in addition to the quoted rate
- The Price should be quoted only in Indian Rupees. The quotation shall be typed and signed by the bidder
- Vendors should provide a list of institutes showing installations of such instruments in India with contact numbers.
- Warranty: Maximum warranty has to be given for the item and the supplier shall guarantee to repair/replace the items or its part, if found defective within the warranty period. The entire expenditure for repair/replace the item in this regard shall be borne by the supplier.
- The bidder should clearly specify the availability of after-sales service for the quoted item.
- General rules relating to purchase of materials/equipment will also applicable to this tender
- The undersigned reserves the right to reject or accept the quotation without assigning any reason
- The sealed cover may be superscripted with "Quotation for Supply of Agarose Gel Electrophoretic system" at the Department of Biotechnology, Kariavattom."
- The Quotations will be opened at the office of HOD, Department of Biotechnology, University of Kerala, Kariavattom Campus, Thiruvananthapuram on 22.09.2022 at 3.00 pm

Sd/-

Head

Department of Biotechnology
University of Kerala

