

QUOTATION NOTICE

(BCH/AH/NPF/2023 dtd 04.12.2023)

Sealed quotations are invited for the supply of **ELECTROLYTE ANALYSER** with relevant specifications with on or before 03/01/2024 at 4.00pm. Sealed quotations should be addressed to Dr. A. Helen, Professor & Head of the Department, (Principal Investigator Non Plan Fund, University of Kerala), Department of Biochemistry, University of Kerala, Thiruvananthapuram-695581 with superscription "Quotation for the supply **ELECTROLYTE ANALYSER.** The quotation will be opened on at 11.00 AM 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: ELECTROLYTE ANALYSER

Appendix I- Technical Specifications

- Touch screen- up to ~23cm color touch screen
- Operating Conditions – 10- 37⁰C
- Technology- Ion selective electrode or electrochemistry, thick film biosensor cartridge
- Graphic Display ~ 600 x 800 pixel
- Direct measurement of whole blood, plasma, serum, dil. urine, aqueous sol.
- Sample Volume 30-150 microliters
- Sample Temperature: 5-60⁰C
- Throughout- 50-100 samples per hour

- Data Storage- 10000 SAMPLES
- Data Management- Fully Functional QC with programmable reference ranges advanced flagging's
- Parameters- Sodium, Potassium, Calcium, Chloride and pH
- Language -English
- Automatic 1 point calibration with every sample or on demand
- Automatic 2-point calibration every 12 hours or on demand
- Power 100-240 VAC 50/60Hz 60W
- In built thermal printer of 24 column
- Connectivity- 2× USB, RS 232, LAN
- Barcode scanner should be present
- Standby mode: Automatically controlled or user defined
- Battery: Minimum 2 hours backup

Appendix II- Terms and Conditions

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


Professor & Head
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