



**Department of Biochemistry
University of Kerala
Kariavattom, Thiruvananthapuram, Kerala 695 581**

Date: 28 Oct 2021

BCH/UOK/Plan/NBL/VV16 /2021

Sealed quotations are invited from the reputed firms/ manufactures/distributors for the supply of **pH meter** with relevant specifications with on or before 10 November 2021 at 4.00 PM. Sealed quotations should be addressed to Principal Investigator, Setting up of neurobiology lab – Department of Biochemistry (Plan Fund), Department of Biochemistry, University of Kerala, Thiruvananthapuram - 695581 with superscription "**Quotation for the supply of pH meter**". The quotation will be opened on 11 November 2021, at 3 PM in the presence of such tenderers or their authorized representatives who may be present at that time. Bidders have to note *Appendix - Technical Specifications* and *Appendix II- Terms and Conditions* and should attach the relevant documents along with the quotation.

APPENDIX - I

| SL No. | Technical specifications for pH meter |
|--------|--|
| 1. | An advanced pH/temperature microprocessor-based bench pH meter |
| 2. | Easy to read large LCD |
| 3. | Instrument should have a Flexible-arm electrode holder |
| 4. | Electrode should be Tris-compatible |
| 5. | Min pH 0, Max pH 16 |
| 6. | pH resolution 0.01 pH |
| 7. | pH accuracy +/- 0.01 |
| 8. | Stability indicator when reading stabilize |
| 9. | Easy and quick push button pH Calibration |
| 10. | pH automatic calibration 1 or 2 point calibration with 5 or more memorized buffer |
| 11. | Alert system when new calibration is necessary |
| 12. | Should have temperature probe |
| 13. | Min temperature 0 degree Celsius - Max temperature 120 degree Celsius using interchangeable temperature probe with temperature accuracy of +/- |

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|-----|--|
| | 4°C |
| 14. | Power supply 12 VDC |
| 15. | Weight less than 1 Kg |
| 16. | Refillable pH electrode, temperature probe, electrode holder, buffer solutions for pH 4, pH 7, pH 10, electrode cleaning solution, pH calibration kit, adapter, instruction manual and warrant card to be provided with the instrument |

APPENDIX – II

Terms and conditions

1. The prices quoted should be that applicable for educational institutions (5% GST)
2. The item should have a warranty of 3 years
3. The firm should extend service within 24 hours
4. Prices are to be quoted FOR DESTINATION (Department of Biochemistry, University of Kerala, Kariavattom). The prices quoted should clearly indicate the 4 following charges: Price of the equipment including taxes; Price of optional accessories if any; Customs duty if any (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.
5. Technical Bid and Financial Bid must be placed in individual sealed envelopes and these envelopes must be placed inside a bigger envelope.
6. Only one model can be quoted in a tender. If the tenderer wants to quote for more than one model separate tenders should be submitted. If more than one model is quoted in single tender it will be summarily rejected.
7. Performance Certificate of the specified model should be attached along with the quotations.
8. The undersigned reserves the right to reject any or all of the tenders received without assigning any reason thereof.
9. If any of the components is found to be defective during the warranty period, the vendor has to replace the defective item immediately at their own cost.
10. **Supplier authorization letter and specification compliance sheet to be provided along with the quotation.**
11. Quotations should also include all the supportive work for installation, loading and unloading of the equipment.
12. The interested bidders shall submit their best possible offer before last date to the undersigned.
13. Should be a certified company which has provided at least 5 installations of products within or outside India
14. The rate quoted shall be valid for a period of one year.



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