

Specification for pH meter

1. Should have a pH range of -2.000 to 20.000pH
2. Should have a pH resolution of 0.1 to 0.001pH
3. Should be provided with electrode, electrode stand, universal power adapter, computer interface cable
4. Should have accuracy of ± 0.002 pH
5. Should have calibration editing option for pH, relative mV, ORP and temperature
6. Should have a temperature range of -5.0°C to 105.0°C
7. Should have temperature resolution of 0.1°C
8. Should have temperature accuracy of $\pm 0.1^{\circ}\text{C}$
9. Should have both manual or automatic temperature selection with ATC temperature probe
10. Should have temperature probe calibration of 1 point temperature offset calibration
11. Should have graphic LCD with backlight display
12. Keypad should be comprehensive with menu-specific function keys and dual purpose scroll/shortcut keys
13. Should have following measurement mode options: pH, mV, relative mV or ORP with temperature
14. Should have following probe type options: pH electrode, ORP electrode, ATC temperature probe, reference electrode
15. Should have selectable stability on/off or with automatic stability options
16. Should have both USB and RS232 interface options
17. Should work at 220-240 V, 50-60 Hz
18. Should have operating temperature of 5°C to 45°C
19. Should be non condensing with a relative humidity range of 5 to 85%
20. Should have following dimensions (L×W×H): 24cm×18cm×12cm
21. CE (EU)/US-FDA/BIS certification, UL listed, CSA certified, CE marked, IVD compliant
22. Warranty for 5 years (comprehensive)

Certified that the specifications are broad based, general in respect to the requirement and not suit to any particular firm/brand.

Prepared by
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Checked by
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DEPARTMENT OF MICROBIOLOGY
ALL INDIA INSTITUTE OF MEDICAL SCIENCES

Rate Enquiry No. 3 /Micro/2016-2017

Dated 29 -10-2016


Quotations are invited for the supply of items mentioned below which are required for Microbiology Department AIIMS.


1. Shaker Incubator – 1 No.
2. Binocular Compound Microscope – 2 Nos.
3. Water Bath – 1 No.
4. Weighing Balance – 1 No.
5. Horizontal Gel Electrophoresis unit – 1 No.
6. Electrophoresis Power Pack – 1 No.
7. pH Meter – 1 No.
8. LED Fluorescent Microscope – 1 No.
9. Electronic Balance – 1 No.
10. Autoclave – 1 No.

The quotations should be submitted to Prof. & Head Department of Microbiology Department Room No.2060 IInd Floor, Teaching Block, AIIMS, New Delhi by 19-11-2016 upto 4.00 pm. The quotations will be opened on 21-11-2016 at 3.00 pm Room No.2093. All quotations should be typewriter or in ink. All over writing and erased entries will be deleted from the quotations. The quotation should be duly sealed in an envelope marked R.E.No. 3 /Micro/2016-2017.

Terms & Condition:

1. The quotation for each item should be submitted in a separate with the name of the item clearly written on top of the envelope.
2. The Rate Enquiry must quote for Five Years Comprehensive Warranty.
3. Authority letter from manufacturers/principal for supplying item.
4. Price reasonable certificate.
5. An undertaking that the firm has been blacklisted in the past by any Institution, Government/Private.
6. The names & contact numbers of AIIMS/Govt. Departments where the supplier/dealer has supplied the equipment (user list).
7. Information for electronic payment viz RTGS/NEFT – Name of the beneficiary, Account number of the beneficiary, IFSC code of the bank/branch.
8. If applicable, VAT/sales tax or any other kind of tax must be mentioned separately against each item.
9. The firm must be able to install the equipment on the site, free of cost.
10. The firm must supply the items within the date mentioned on the supply order copy.


Dr. Arti Kapil
Professor of Microbiology
Officer Incharge Store


Dr. Gita Satpathy
Prof. & Head
Department of Microbiology