



Department of Geology
University of Kerala
Kariavattom, Thiruvananthapuram
Kerala-695581, INDIA
Ph. 0471-2308403
Email: geologykeruty@gmail.com

No. 295/74/GOL/2021

Dated: 13/01/ 2023

NOTICE INVITING QUOTATION

Sealed quotations are invited for the purchase of Portable multi parameter (pH / mv / Conductivity / Total Dissolved Solids / Temperature meter) for the Department of Geology, University of Kerala, Kariavattom Campus. The specifications of the equipment are given in the attached Table:1. The quotations should reach "*The Head of Department, Department of Geology, University of Kerala, Kariavattom Campus, Thiruvananthapuram - 695581*" on or before **30th January 2023, 4.00 pm**. The quotations will be opened at 11.00am on 31st January 2023, at Department of Geology, University of Kerala, Kariavattom Campus.

Terms and Conditions

1. The quoted rate must include the tax and GST as applicable. (No Tax Exemption is allowed).
2. The offer should be valid atleast 90 days from the date of opening of the quotations.
3. Complaints with the items supplied should be rectified/ replaced on satisfaction of the University by the suppliers at their own cost.
4. Payments will be made only after the supply and verification by chemists/technicians concerned, as per required specifications notified in quotation.
5. Last date of submission of quotations: **30/01/2023 at 4:00 pm**
6. Opening of quotations is scheduled on **31/01/2023 at 11:00 am** in presence of such suppliers or their authorized representatives who may be present at that time.
7. The Department Head reserves the right to reject/accept any quotation without assigning any reason.

Sd/-

Associate Professor and Head

Table-1: Specification

| Instrument | | Specifications |
|--|---|---|
| pH / mv / Conductivity / Total Dissolved Solids / Temperature meter | | Waterproof, USB or RS232 ,LCD Display |
| pH | Range | -2.00 to 16.00pH |
| | Resolution | 0.01 pH |
| | Accuracy | ±0.01 pH |
| | Calibration | Up to 6 points (USA ,NIST,DIN Custom) |
| mV | Range | ±2000 mV |
| | Resolution | 0.1 mV ±999.9 mV; 1 mV beyond |
| | Accuracy | ±0.2 mV +2 LSD or +0.5 % of reading; whichever is greater |
| | Calibration | ±200 mV |
| Conductivity | Range | 0 to 200 mS |
| | Resolution | 0.01 µS to 0.1 mS |
| | Accuracy | ±1% full scale |
| | Calibration | Auto/manual;1 point/range |
| TDS | Range | 0 to 200 ppt (TDS factor 1.0) |
| | Resolution | 0.01 ppm to 0.1 ppt |
| | Accuracy | ±1 % full scale |
| | Calibration | Manual; 1 point/range |
| | Range | -10.0 to 110.0 °C (14.0 to 230.0 °F) |
| | Resolution | 0.1 °C/ °F |
| | Accuracy | ±0.5 °C; ±0.9 °F |
| Temperature | Calibration | Offset in 0.1 increments, ±10 °C or ±18 °F |
| Display | Custom LCD with backlight | |
| Memory | Stores up to 500 data sets | |
| Output | USB , RS232 output with optional data cable | |
| Real-Time Clock | Time and date stamp on Calibration and stored data | |
| Power | Two AA batteries (included), >100 hours (without backlight); AC adapter (optional) | |
| Standard supply | Meter, double-junction pH electrode, conductivity cell (K = 1.0), Grip-Clip™, two AA batteries, hard carry case, USB cable, calibration solutions | |

Sd/-

Associate Professor and Head
Department of Geology,
University of Kerala,
Kariavattom, Thiruvananthapuram