



## Department of Geology University of Kerala

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Dated 7<sup>th</sup> January 2016

### QUOTATION NOTICE

Sealed competitive quotations are invited from reputed firms having office in Kerala for the supply of following branded items with the same specifications for the Department of Geology, University of Kerala, Kariavattom, Thiruvananthapuram.

**1) Proton Precession Magnetometer - 1 no**

*1 Gamma Sensitivity, Manual recycling, solinoidal noise free sensor, Maximum 1A polarising current, 30mA standby current, LCD display, built in rechargeable 12V D.C battery, 10M cable length, 30 Kgamma to 50K gamma range of field.*

**2) Geiger Muller Counter -1 no**

*a) GM counter:- Inbuilt power supply workable on 220V 50Hz, digital read out 6 digit counting system, 3digit programmable timer with digital display, digital multi-meter*

*b) GM tube:- END WINDOW GM tube mounted on stand, with lead and aluminium absorbents*

*c) Radioactive source:- one beta or gamma source in lead container and wooden box.*

**3) Pocket stereoscope - 5 nos**

*2X field of view; 125 x 125mm; optical path of 50mm; soft carrying case*

**4) Field movie camera -1 no.**

*XAVC S 50Mbps High Bitrate captures details of complex scenes with clarity; Optical SteadyShot corrects camera shake to capture scenes with unsurpassed smoothness and stability; Exmor R CMOS Sensor produces superb image quality even in low light conditions; 13lm Built-in Projector with External Input allows footage to be shared with anyone, anywhere; Highlight Movie Maker tags significant moments in recordings for fast and easy editing; Live Streaming lets you broadcast movie images in real time during live recording; with tripod, battery, battery charger, case and all other accessories.*

**5) Cooling system in petrography lab**

*2 tonne, hydrophylic aluminium fin; inner grooved copper tube; LED display; LCD remote; cross flow air vent; anti-dust filter, with external stabilizer*

**6) Grab Sampler -1 no**

*For soft sediment collection from well/lake bottom*

**7) Water Depth Sampler – 1 no**

*For deep water sample collection from well/lake bottom*

**8) Weighing Balance- 1 no.**

*Readability 0.1gm; capacity 210gm; repeatability 0.1mg; linearity 0.2mg; pan size 80mm; external calibration*

**9) Micro Precision pipette- 1 no**

*1-10ml*

**10) Geological Hammer -10 nos**

*Geologists' Rock Hammer; One Chisel End; All Steel, Single Forged Unit; Nylon Vinyl Shock Reduction Grip; Perfectly Balanced; Head Weight: 24OZ / 672 gms. approx.; Overall Length : 11" / 279 mm approx.*

**11) Brunton Geology Compass -10 nos**

*Single NdFeB magnet resists demagnetization better than other types of magnets for increased reliability; Azimuth accuracy  $\pm 1/2^\circ$  with  $1^\circ$  graduations ; Vertical accuracy  $\pm 1/2^\circ$  with  $1^\circ$  graduations and 10 minute readability ; Vertical angle measurements to  $\pm 90^\circ$  or 100% grade; A percent grade scale with increments of 5%; Induction damped needle for quick, accurate readings; Sapphire jewel bearing allows for smooth needle movement; Magnetic declination adjustment allows for east or west declination setting to  $180^\circ$ ; Short and long sights for increased accuracy when sighting azimuth or vertical angles; Precision aligned mirror with convenient "see through" sighting capability; Composite body material is permanently impregnated with color; O-rings make the Com-Pro waterproof for increased reliability; Limited lifetime warranty; 0-90° Quads; Leather case*

**12) Streak plate -10 nos**

*For checking the streak of minerals*

**13) UV Lamp – 1 no**

*Wave Length-365mm, UV Window Size- 150x50mm, Dimm-88x415x60*

**14) Water level sounder - 1 no**

*Polysynthetic tape material, 0.5cm tape gradation, 9V battery, signal: audible buzzer and very high bright LED black cable colour*

Interested parties can submit quotations for single or multiple items. The Quotations should reach "The Head of the Department, Department of Geology, University of Kerala, Kariavattom, Thiruvananthapuram-695581" on or before 22<sup>th</sup> January 2016, 4.30 pm. Subject to following conditions.

1. The quoted rate must include all taxes, delivery charges, installation and any other charges.
2. Complaints with the items supplied should be rectified /replaced to the satisfaction of the University by the suppliers at their own cost.
3. Payment will be made only after the supply and successful installation of the items at our site.
4. The undersigned reserves the right to reject /accept any quotation without assigning any reason.

(sd/-)

Head of the Department of Geology