



DEPARTMENT OF CHEMISTRY

UNIVERSITY OF KASHMIR
(NAAC Accredited Grade-A)
Hazratbal, Srinagar
190006, J&K, India

A DST Assisted Department under FIST

Ref: KU2016-CHEM-

Dated: 27-12-2016

Tender Notice

Sealed tenders are invited from manufactures, registered dealers /suppliers for the purchase of scientific bench level equipments alongwith C.D.R worth 2% of the total amount quoted and latest VAT clearance certificate. The nature of equipments with desired specifications is displayed on both the University website (www.kashmiruniversity.net) as well as departmental website (<http://chemistry.uok.edu.in/>). The concerned vendors are requested to furnish the tenders alongwith CDR, latest VAT and latest stockiestship certificate of the company /manufacturer by or before **10th of January, 2017**, failing which no request will be entertained due to any reason whatsoever.

List of the equipments to be procured for the department of Chemistry

Sr. No.	Name of Equipment	Specification
01 (a)	Analytical Balance (Monopan)	Capacity 80gms; Readability 0.0001 gm ; Repeatability 0.2gm ; Pan size 80mm
(b)	Electronic Top Loading Balance	Capacity : 220gm Readability = 0.001g
02	Hot Air Oven (14``x14``x14``)	Stainless steel , Double walled , Heating elements at bottom and from three sides of inner chamber
03	Centrifuge Machine (Clinical type)	Electrically operated
04	Vacuum Pump	Ultimate vacuum 5 pa 0.05 m bar; Motor ¼ th ; oil capacity 320 ml ; Dimension 275x122x220
05	Water Bath with circulator	Stainless Steel ; Double walled; Temperature Range 50 to 900°C Temperature Accuracy ± 0.5°C Capacity 30 ltr (44x38x18)
06	Microwave Oven	Capacity :1.4 cu.ft. Display: 5 digit, 2 color, lighted; Auto-touch controls; Interior acrylic light; with safety compliance and optional accessories
07	Visible Spectrophotometer	Microprocessor based, with special software Wavelength range; 325–1000nm Accuracy: < 2 nm Transmittance accuracy : ±0.5% Spectrum Bandidth: 2 nm / 1nm

Tel: 0194-2424900, Fax. 01942421357, 2425195.

Email: head_chemku@yahoo.com

Website: <http://chemistry.uok.edu.in/>



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08	pH Meter	pH range: 2:00 to 16:00 Resolution: 0.1 / 0.01 Accuracy : $\pm 1\%$ full scale Temperature range: 0-100 °C with ATC Probe.
09	Potentiometer	pH range: 0.0-14.00 mV range: ± 1999 mV Temperature range: 0- 100 °C, with ATC Built in electrode arm Resolution 0.1 mV
10	Conductometer	Conductivity range: 0.01 to 200.0 mV/cm Resolution: 0.01 μ S – 1 μ S Accuracy: $\pm 1\%$ full scale TDS range: 0.01 to 100 ppt. Temperature range: 0-100 °C
11	Polarimeter	Half shade nicol polarizer ; analyzer ; 100mm diameter circular scale divided in degrees 0 – 360°x1° ; Subscale divided : 30 - +130° x1° Complete with polarimeter tube , bubble traps , sodium lamp and stand
12	Hot Plate with Magnetic Stirrer	temperature range upto 100°C with multiple stirring range
13	Orion Dual Star Multiparameter Meter	(pH/mV/ISE/Temp)
14	Ultrasonic cleaner (Sonicator)	-----
15	Smart Refrigerator (For Lab purposes)	165 ltr / 255 ltr , single door / double door Inbuilt stabilizer,
16	Batteries Exide / Amaron	Self maintained 12 volt ; 42 AH

Sd/

(Prof. G.M. Rather)

Head of the Department