



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

## *DEPARTMENT OF CHEMISTRY*

A DST Assisted Department under FIST

*Ref: KU2017-CHEM-*

*Dated:11-11-2017*

### **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 GST registration certificate. The nature of equipments with desired specifications is displayed on both the University website ([www.kashmiruniversity.net](http://www.kashmiruniversity.net)) as well as departmental website (<http://chemistry.uok.edu.in/>). The concerned vendors are requested to furnish the tenders alongwith CDR, GST registration certificate and latest stockiestship certificate of the company /manufacturer by or before **25<sup>th</sup> of November, 2017 upto (4:00)pm** , failing which no request will be entertained due to any reason whatsoever.

(Head of the Department)



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## LIST OF EQUIPMENTS REQUIRED FOR DIFFERENT LABS FOR THE YEAR 2017 – 18

S. No.	Equipment	Specification
1.	pH Meter with Battery Backup	pH range: -2.00 to 16.00 Resolution: 0.1/0.01 Accuracy: $\pm 1\%$ full Scale
2.	Potentiometer-Battery Operated	mV range:0 to +1999 mV Resolution:0.1 mV
3.	Conductometer- With Battery backup	Conductivity range: .01 $\mu\Omega$ to 200 m $\Omega$ Resolution: 0.01 $\mu S$ -1 $\mu S$ Accuracy: $\pm 1\%$ full scale
4.	Polarimeter	Half shade nicol polarizer; Analyser; 100 mm diameter circular scale divided in degrees 0-360 $^{\circ}$ x 1 $^{\circ}$ . Sub scale divided:-30 to +130 $^{\circ}$ x 1 $^{\circ}$ ISS Complete with polarimeter tube, bubble traps, sodium lamp and stand.
5.	Oven(For Drying and Heating Applications)	Temperature range up to Ambient to 200 C, Digital Controller, Stainless steel Interior, upto 75L Capacity
6.	Magnetic stirrer without hot plate	Without hot plate but with multiple stirring range with 500 mL stiring capacity.
7.	Refrigerator	Double Door, Frost free with Top Freezer, with 300 -400Lit Capacity
8.	pHTestr with spear electrode	-1.00 to 15.00 pH, with tough, spear tip open pore sensor
9.	Ultrasonic cleaner /Bath sonicator	<b>Capacity:</b> 6L stainless steel <b>Tank dimension:</b> 235x135x150 <b>Ultrasonic frequency:</b> 40 KHz
10.	Digital Centrifuge	<b>Max Speed:</b> 4000rpm <b>Capacity :</b> 20ml per tube ; <b>No. of tubes :</b> 12
11.	Heating Mantles	<b>Volume:</b> 500 <b>Voltage:</b> 230
		<b>Continued on Page . 3</b>



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12	Ice cube making machine	Production capacity : 120Kg/24h Storage Capacity : 55 Kg ; Unit dimension: 682x610x1050 mm Refrigerant: 134a/400g ; Vol/Freq : 220V/50hz Body material: stainless steel ; Inside material : Food Grade Evaporator Material : Copper plating
13	Manopan Balance (Electric)	Precision: 0.1mg ;
14	Top Loader balance	Capacity : 220gm; Precision : 0.001gm
15	Precision Micro pipette	100 – 1000uL 20 – 200 uL

Sd/

**(Prof. M.A. Khuroo)**  
**Head of the Department**