

**UNIVERSITY OF KASHMIR, SRINAGAR**  
**DEPARTMENT OF NANOTECHNOLOGY**



**Short Tender Notice**

Tenders in sealed envelopes affixed with revenue stamp and accompanied with a C.D.R. for Rs. 5000/- pledged to Coordinator, Department of Nanotechnology, are invited by the undersigned from reputed Manufacturers/Authorized Distributors for supply/installation/demonstration of equipments stated below.

**List of Equipments**

S. No	Name of the Equipment	Quantity
1	Rocking shaker	1
2	Rotary Mixer	
3	Micro spin Centrifuge	2
4	Micro centrifuge tube	2
5	Ice bucket	2 No each
6	Mini submarine electrophoresis	2
7	Mini Vertical electrophoresis	2
8	Pipettes	4 sets
9	Heat Block	1
10	pH. meter	1
11	Benchtop incubator	1
12	Power pack	1
13	Vacuum Pump	1
14	UV illuminator (benchtop)	1
15	Analytical Weighing Balance	1
16	Refrigerator -4°C	1
17	Hot-air oven	1
18	Horizontal tube furnace	1
19	Hot Plate /Magnetic stirrer	5
20	Hydrothermal Autoclave	2
21	Conductivity meter	1
22	Viscosity meter	1
23	Microwave oven	1

**Terms & Conditions**

1. Tenders will be received by Registered Post in a sealed cover superscribing "Tender for Equipment for Department of Nanotechnology, University of Kashmir, 190006" and addressed to Dr. Rabia Hamid, Coordinator Department of Nanotechnology, University of Kashmir, up to 16.00 hours of 14/03/2017.
2. The vendors quoting must have Tin No: and latest VAT Clearance Certificate from the sales tax department. The taxes if any should be indicated clearly. The undersigned reserves the right to purchase all/same/or none of the listed items.

Further, the specifications of the aforesaid equipments can be downloaded from the University website ([www.kashmiruniversity.net](http://www.kashmiruniversity.net)).

  
Dr. Rabia Hamid  
Coordinator

No: KU/2017-NATE-9

Dated: 06/03/2017

Copy to:

1. PRO, University of Kashmir for publication through local dailies
2. Director, ITSS for uploading on website of the University



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DEPARTMENT OF NANOTECHNOLOGY**

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**List of Equipments / Instruments**

S. No	Name of the Instrument	Specifications	Quantity
1	Rocking shaker	Platform size: 35 x 30, Ground Clearance: 2 3 ft. Speed :10 50 RPM	1
2	Rotary Mixer	Bar for 1.5ml, 15ml and 50 ml tubes, Speed: 5-50 RPM	
3	Micro spin Centrifuge	Speed: 13500 RPM/12300g, Space for 1.5ml and PCR tubes, Noise level ≤56DB	2
4	Micro centrifuge tube	Slot for 1.5ml, 2ml and PCR tubes	2
5	Ice bucket	Suitable to handle Liquid nitrogen Colour preferably Red, 2.5 L and 4.5 L	2 No each
6	Mini submarine electrophoresis	Casting Tray 7×7 cm and 7×10 cm, Comb set 10-15 well 2 and Electrode set	2
7	Mini Vertical electrophoresis	Two slabs capacity with dimensions of 10×8 to 10×10 cm, glass plates 5Nos, Ceramic Plates 5 Nos, Spacers 0.75 and 1 mm thick, Comb: 10, 12 and 15 well	2
8	Pipettes	Gilson brand/ Eppendorf 0.1-2 2-20, 100-200, 100-10000μL	4 sets
9	Heat Block	Temperature: 10-100 °C, Ramp rate: 1 °C per second Capacity: two blocks for holding 2ml and 15 ml tubes	1
10	pH. meter	Digital advanced pH meter	1
11	Benchtop incubator	0-50 °C temperature Capacity: variable Ramp rate: 1°C per second	1
12	Power pack	4 ports, 300V, 400mA and 80 watts LCD display	1
13	Vacuum Pump	220V 50 Hz Max power 125 W Max pressure: 80psi Motor rotation: 1400RPM Noise level ≤ 50DB	1
14	UV illuminator (benchtop)	Dimensions: 11D x 14W x 5.4H inches Hinged, clear UV blocking cover, adjustable for access to the filter surface	1
15	Analytical Weighing	0.1Mg Weighing Scale, Measuring range: 120	1

	Balance	G; Readability: 0.1 mg, Easy-care, windbreak with rugged metal housing	
16	Refrigerator -4C	Frost-Free Double Door 190 L	1
17	Hot-air oven	Digital hot air oven / Laboratory electric oven 95 liters	1
18	Horizontal tube furnace	Vacuum furnace having alumina tube, temp range 5°C to 1000°C. Tube length below 600 mm with teflon gasket	1
19	Hot Plate /Magnetic stirrer	Max. stirring quantity (Water)(Liters)=1 Ltr, Voltage=220/230VAC, Top Plate Material, Stainless Steel. Temperature Range 250°C	5
20	Hydrothermal Autoclave	Hydrothermal Autoclave Reactor with Teflon Chamber Hydrothermal Synthesis, 50ml 100ml	2
21	Conductivity meter	Conductivity :0-200mS/cm(±0.5%), Res:0 100ppt9g/L), Salinity:0-100ppt), Temp:10.0-110°C), GLP, TC, Memory	1
22	Viscosity meter	Standard spindle set	1
23	Microwave oven	Microwave Capacity: 28 Litres. Control Type: Tact Dial, Cavity Type: Stainless Steel	1

### Terms & Conditions

1. Tenders will be received by Speed Post/Registered Post/Courier Services only in sealed cover superscribing "*Tender for Equipments/Instruments for Department of Nanotechnology, University of Kashmir, and Hazratbal Srinagar*" and addressed to Dr. Rabia Hamid, Coordinator Department of Nanotechnology, University of Kashmir, Hazratbal Srinagar-190006, J&K, up to 16.00 hours of 14/03/2017.
2. The cover should read "Tender for Equipments/Instruments for Department of Nanotechnology, University of Kashmir, Hazratbal Srinagar and also indicating there on:
  - i) Reference No. of the Tender
  - ii) Due date for submission of the tender
  - iii) Name of the firm with address, Phone & Fax, e-mail
2. The vendors quoting must have Tin No: and latest VAT Clearance Certificate from the sales tax department. The specifications should be supported with the catalog. The rates should be quoted FOR department of Nanotechnology, University of Kashmir Srinagar. The taxes if any should be indicated clearly. The undersigned reserves the right to purchase all/same/or none of the listed items.

  
Dr. Rabia Hamid  
Coordinator

No: KU2017-NATE-9 /  
Dated: 03-04-2017

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