

RANCHI UNIVERSITY, RANCHI, JHARKHAND

Tender Document for supply of laboratory equipments in Ranchi University

Last Date of Submission – 16/01/2014 until 3 PM

Date of Opening of Tender – 17//01/2014 at 03:30 PM

Earnest Money – Rs. 50,000/- (Rs. Fifty thousand only) in shape of DD in favour of “Registrar, Ranchi University”

Department wise requirements

Department of Physics

Sl No	Name of the equipment	Specification
1	Ball Mill (Planetary type)	Retsch PM 400
2	PM grind Control	Retsch
3	Furnace --- 1400 deg C	Computer Controlled
4	Furnace --- 1000 deg C	
5	Pelletizer (Dye set)	
6	LCR Meter with Computer Interface	Haikii Japan
7	Furnace for in situ measurements with temp. and frequency	
8	PE loop tracer with polling unit	Computer interfaced
9	Ultra sonicator	
10	Magnetic stirrer	
11	Alumina crucibles	20 Nos.
12	Mortar Pestles	
13	Chemicals with purity 99.99%	
14	Vacuum Oven	
15	Digital balance	
16	X-ray diffraction unit	For powder photographs
17	FT IR Set	
18	Ph Meter	

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Department of Botany

S. No.	Name of the equipment	Number
1	Double Stage Distillation Unit	2
2	Deep Freezer (-20 deg C)	2
3	Digital balance	2
4	Hot Air Oven	3
5	Horizontal Autoclave (Big)	3
6	Laminar Air Flow	1
7	Culture Rack	1
8	Culture Tray	5
9	Binocular Microscope with Photographic accessories	5
10	Dry/Wet Bulb thermometer	2
11	Rotary Shaker	2
12	Soxlet	5
13	Gel electrophoresis with Scanner	2
14	UV Spectrophotometer with Scanner	2
15	Ultra-Cold High Speed Centrifuge	2
16	Protein Sequencer	5
17	PCR	1

Department of Zoology

S. No.	Name of the equipment	Number
1	Refrigerated Ultra Centrifuge	1
2	Vertical Laminar Flow	1
3	Ice maker	1
4	Sonicator	1
5	Air conditioner	4
6	Cell Analyzer Software	1
7	SAS Wall Mount LCD Projector	3
8	Mill Water Purifier	2
9	Deep freezer (-800 C)	1
10	Micro Centrifuge Table Top	1
11	Soxhelt Atomic Extractor	2
12	PCR (Thermal cycle) with PC	1
13	Automatic Blood Analyzer	1
14	PC Computer with all accessories	15
15	Microscopes of various models	10
16	Atomic Absorption Spectroscopy	1

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Department of Geology

S. No.	Name of the equipment	Number
1	Portable XRF	1
2	Automatic Point Counter	1
3	Ortho Plan trinocular Microscope	1
4	Image Analyser Software (Erdas imagine)	2
5	GIS Software (VIZ, ARCGIS)	1
6	Table Top SEM	1

Department of Chemistry

S. No.	Name of the equipment	Number
1	Thermal Analyzer (DTA/TGA/DSC with Accessories)	1
2	Cyclic Voltmeter	1
3	UV Spectrophotometer (200 to 1000 nm)	1
4	Electrolytic Cell with Electrodes	1
5	Flame Photometer	1
6	Turbidity Meter	1
7	Soil and water Analyser kit	1
8	Fluoride Estimation from Water Kit	1