

University Maharani College, Jaipur

No. UMCJ/Chem./2022/2098(B)

Date: 17/12/22

Department of Chemistry

Tender Notice


Sealed quotations are invited on prescribed format for the supply of the following items you are requested to provide full details of the items such as make, quality, delivery, positions, and availability.

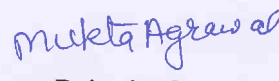
Equipment Description

S.No.	Equipment with specification	Qty.
1.	Vaccum Pump	01
2.	Speetro Photo Meter	01
3.	Weighing Balance	02 (Rough)
4.	Centrifuge Machine	01
5.	Conductivity Cell (Electrical)	02
6.	Weighing Balance	01

Terms & Conditions:

1. Quotations will be in prescribed format in a sealed envelope should reach this office/deptt. Within 07 days from the publication of this notice Quotation received after last date will not be considered in any case.
2. The rates should be FOR at University Maharani College, UOR, Jaipur.


Local Head
Department of Chemistry


Principal

No. UMCJ/Chem./2022/

Date :

Copy forwarded for information and necessary action to:-

1. College Notice Board/Website.
2. Storekeeper.

List Instruments with specifications

S. No.	Name	Quantity	Amount
1.	Rotatory High Vacuum Pump 01	1	
	Nominal Capacity 120 ltr/min		
	Ultimate Pressure 1×10^{-3} mbar		
	Motor Power 0.37Kw		
	Oil Capacity 0.80 Ltrs.		
	Intake Fittings KF25		
	With Oil 3 Nos. of 500 ml		
2.	Visible Spectrophotometer	1	
	Specifications		
	Equipped with Rs 232 Port		
	Parameter Data Mono Chromator Holographic Flashing Grating		
	Optical system C-T Single Beam, Grating 1200 lines/mm		
	Wave length Range 320-1000nm		
	Wavelength Accuracy \pm NM		
	Wavelength Repeatability <1 . nm		
	Range		
	% T: 0 to 1.999		
	Absorbance 0 to 1.999		
	Concentration 0 to 1999		
	Detector Photo Diode		
	Stray light $<0.3\%$ @340nm		
	Photometric Accuracy $+1\%$		
	Photometric Repeatability 0.5% T		
	Light Source Light Source:6V, 1 Amp,		
Tungsten Halogen Lamp			
Path Length 10 mm.			
Spectral Bandwidth 2nm.			
Display LCD Display Operating Temperature 5° to 45° C			
Stability $\pm 0.004A/h$ @500nm			
Output Rs 232C Port.			
Accessories Glass Cell 10mm (4 No.) RS. 232 cable, Software CD.			
3.	Rough Weighing Balance	1	
	Capacity 2 Kg. Accurecy 5 gm		
4.	Centrifuge Machine (General Purpose)	1	
	The Centrifuge for general purpose application with the facility of inter-changible rotor heads.		
	Soft touch keypad.		
	Programmable Microprocessor Control		
	LCD Display of set and working parameters		
	Display of RCF Value		
	1-99 minutes Digital Timer		
	Programmable Acceleration/Deceleration range 40-240 Seconds		
	Safty Lid switch		
	Imbalance safty cut off.		
Max. Speed : 5000 RPM,			
Max. RCF : 3650Xg			
5.	Max. Tube Size : 50 ml	1	
	Max. Capacity : 200 ml		
	Should supply with angle rotar head : 8X15 ml		
	Auto Conductivity Meter		
	Specifications		
	Parameter Conductivity Temperature		
	Range 0 to 200 uS/cm 0 to 2mS, 0 to 200mS, 0 to 1000mS/cm 0° C to 100° C		
	Resolution 0.1uS/cm o.1 $^{\circ}$ C ± 1 Digit		
	Accuracy $\pm 0.5\%$ 1 digit $\pm 0.1^{\circ}$ C ± 1 Digit		
	Temp Compensation 0-100 $^{\circ}$ C Manual & Automatic		

	Data Entry By Soft touch keys Display 16X2 LCD		
	Input Resistance 10^{12} ohms Input Frequency 1000 Hz		
	Cell Constant compensation Adjustable		
	Ambient Temperature 10° C to 50° C		
	Accessories Conductivity Cell		
6.	Digital Balance	1	
	With bright large LCD display & Air Shield Case and external Calibration		
	SPECIFICATIONS		
	Capacity : 50 gms,		
	Readability : 0.001gm		
	Repeatability : ± 0.001 gm		
	Operating Temp. Range : 10 to 45 Deg.C		
	Pan Size : 80 mm (SS)		
	Power Supply : 230 V AC		