

No. UMCT/che/2021/1009

Department of Chemistry
Tender Notice

Date: 13/12/2021

Sealed quotations in prescribed format are invited for supply of the following items. Full details of items such as make quality, availability, delivery, etc. are required to be mentioned:

Budget = Rs. 1,20,000 = 00

1. Conductivity / Temperature Meter.

Specifications: **Quantity 01**

Parameter : conductivity platinum DIP & Temperature

Conductivity Range : 0 10 200 uS/cm, 0 to 2mS, 0 10 20mS, 0 to 200 mS, 0 to 1000 mS/cm

Resolution : 0.1 uS/cm

Accuracy : $\pm 0.5\% \pm 1$ digit

Temperature Range: 0 °C to 100 °C

Resolution: 0.1 °C

Accuracy : ± 0.1 °C ± 1 digit

Temp. Compensation : 0-100 °C Manual & Automatic

Data Entry : By soft touch keys

Display : 16 x 2 LCD display

Input Resistance : 10^{12} ohms.

Cell Constant Compensation : Adjustable.

Power Supply: 230V $\pm 10\%$, 50 Hz AC

Ambient Temperature: 10 °C to 50

Accessories : Conductivity Cell-Platinum DIP, Dust cover, Instruction Manual Standard Solutions

2. Digital balance

Specifications: **Quantity 01**

Capacity : 220 gms,

Readability : 0.001gms

Repeatability : ± 0.001 gms

Linearity : ± 0.002 gm

Operating Temp. Range : 10 to 40 Deg.C

Pan Size : 90mm(SS)

Response Time : 3 pr 4 sec

Power Supply: 220 V AC

Dimensions : 360 X 260 X 355 mm

3. Microprocessor Visible Spectrophotometer.

Specifications: **Quantity 01**

Wave length Range : 320-1000 nm

Wave length Accuracy : ± 2 nm

Wave length Repeatability : ≤ 1 .nm

Noise : 10% : 0.3

100% : 1.0

Range :

%T : 0 to 1.999

Absorbance : 0 to 1.999

Concentration : 0 to 1999

Detector : Photo Diode

Stray Light : $\leq 0.3\%$ @ 340nm

Photometric Accuracy : $\pm 1\%$

Spectral Bandwidth : 2nm

Stability : $\pm 0.004A/h$ @ 500nm

with Glass Cell 10mm(4 Nos)

4. Water Bath Quantity 50

Terms & Conditions:

3. Sealed envelope with quotations in prescribed format should reach the office/deptt. within 07 days from the date of publication of this notice. Quotations received after the last date will not be considered in any case.
4. The rates should be according to F.O.R Maharani College, Jaipur.

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