

**MAHARSHI DAYANAND UNIVERSITY, ROHTAK**  
**DEPARTMENT OF BIOCHEMISTRY**

No.: BC/2022/ 4080

Dated: 29/11/2022

**Subject: Quotations for the purchase of visible spectrophotometer, vertical autoclave and refrigerator**

Dear Sir,

Please quote for the purchase of three instruments as mentioned below in the list attached herewith so as to reach the undersigned by 12<sup>th</sup> December' 2022

THE QUALITY, MAKE, PACKING and other particulars of the item should be stated.

WHILE SUBMITTING THE QUOTATIONS, PLEASE NOTE THE POINTS MENTIONED BELOW:-

7. The quotations are to be sent in an envelope marked QUOTATIONS DUE ON 12-12-2022 and this envelope may be put in another outer envelope addressed to 'The Head, Department of Biochemistry, M. D. University, Rohtak'.
8. The rates of GST, EXCISE, CUSTOM and other taxes chargeable must be specified.
9. The rates of insurance, if any, should be specified. The firm will be required to submit original Payee Receipt alongwith the bill.
10. Please state the time period within which the items will be supplied.
11. WARRANTY PERIOD OF THE INSTRUMENT MUST BE MENTIONED
12. Discount, if any, is to be given with the quotation

Sr No	Name of Instrument	Specifications	Qty Req.
1	Visible Spectrophotometer	<i>Make: Labman, mLabs or Systronics; Optical system: single beam; Monochromator: holographic grating; Detector: Photodiode; Light source: Tungsten halogen lamp; Diffraction Grating (lines/mm): 1200; Source wavelength: 320-1000nm; Resolution: 0.3nm; Wavelength accuracy: ±1nm; Scanning speed: 500nm/min; Bandwidth: 4nm; Photometric measurement mode: Absorbance; Photometric absorbance accuracy: ±0.05; Photometric transmittance: 100% with 0.5% accuracy; Display: LCD touch screen of 2.5 inch; Warranty: 3 years</i>	1
2	Vertical Autoclave	<i>Chamber capacity of effective volume: 75 ltr / (Ø400 × 600 mm); Gross Volume: 91 Ltrs; Domestic power supply for working: 230 V AC, 50 Hz, Single phase; Seamless body with lid and all wetted parts fabricated from stainless steel of 304 grade; All joints smooth finished for crevice free internals; to be supplied with 2 nos. stainless steel wire mesh carrier</i>	1

		(Ø400 ×330 mm) & heater cover stand; Lid should be provided with pressure gauge, safety valve, manual exhaust valve & auto purge cum vacuum breaker valve; Stainless steel pressure gauge with dual range dial display in KPA and PSI along with a co-related temperature scale for steam in degrees Celsius; Industrial grade energy efficient ring type heater; Control by a digital preset Temperature controller (121°C) cum Timer (20mins); Dual LED Display for the parameters display; Safety valve to protect the equipment in case of over pressurization; Indication by audio-visual alarm on completion of autoclave cycle; <i>Authenticity of manufacturer:</i> ISO 13485 certified with proof; Calibration reports with NABL traceability; 3 years warranty	
3	Refrigerator	Capacity: 284L, Star Rating: 3, Smart Inverter Compressor, Cooling Technology: Multi Air Flow with Door Cooling, Ecofriendly Refrigerant, Auto Smart Connect, SuperChill, Smart Diagnosis, anti-bacteria gasket, 4 shelves of toughened glass, Deodorizer: Catechin, Moist & Fresh, Humidity Controller, Door alarm, transparent ice bank, Ice Tray: Double Twist	1

**NOTE:** Vendors are advised to send quotations of at least 3 makes. The following specifications are required for refrigerator only.

  
30/11/22

Head, Deptt. of Biochemistry  
M. D. University, Rohtak  
M.D.U., Rohtak-124001