



Dr. N.G.P. ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)

Approved by Government of Tamil Nadu & Accredited by NAAC with 'A++' Grade (3rd Cycle-3.64 CGPA)

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TENDER NOTICE

Price quotation (including all taxes) in sealed envelope are invited from authorized Suppliers/ Agencies with Trade License, PAN & GST registration and requisite credentials within 15.03.2023 at 5.00 p.m. for following equipment.

LIST OF APPROVED EQUIPMENT:

S.No	Department	Name of Equipment	Total Unit
1	Physics & Chemistry (Clubbed together)	Constant Temp Water Bath Model-BS200, Operating Temperature range: RT+5°C~Water boiling point *1	1
2		Ion Exchange Column 100 liters per 24 hours 1 μ S / cm @ 25 °C (ASTM Type II water) max 3000 W, (208)-240 VAC 0.7 kWh per liter distilled water	1
3		Digital voltmeter Multi Range DC Voltmeter with 0-200mV,0-2V,0-20V, 0-200V Accuracy: Class 0.5. 1 inch (25.4mm) 5 Digit LCD Display with Back Light LCD/LED display, Power 220 V AC	4
4		Digital Ammeter Multi Range DC Ammeter with 0-2mA, 0-20mA, 0-200mA, 0-2A & 0-20A DC. Polarity indication, Accuracy: Class 0.5. 1 inch (25.4mm) 5 Digit LCD Display with Back Light	4
5		Michelson Interferometer Surface flatness: $\lambda/10$ (both faces) Parallelism :5 arc sec. Mirrors :2Nos. Focal Length :25mm thickness 10mm Front surface: Coating material: Coated AI with	1

		SiO ₂ L.C. of Instrument :0.1 micrometer with sodium vapor source	
6		Spectrometer with Goniometer Inspection Telescope Magnification: 10 x Resolution of Prism Table: 10 arc minutes Resolution of Stage: 1 arc minute Variable slit Continuously variable 0 - 3mm	2
7		Magnetic Hysteresis loop tracer equipment Automation Type Power Supply: Electric Phase: Single Phase Display: Digital Operating Voltage: 110 to 220V Temperature Range: -40 to 70 degree Celsius Material: Mild Steel Output Frequency Hz: 50 to 60 Hz	1
8		Microcentrifuge Capacity: 40 LTRS Timer: 30 sec to 30 minutes Bench top Model Speed Range: 0 to 6000 rpm	1
9		UV Visualisation Chamber For Tlc Analysis: Power-230, Size/ Dimension: 15 x 12 x10 Light souce: UV lamp, Material : MS, Automation grade: manual	2
10		Soxhlet Apparatus CAPACITY OF IL WITH (B-24 male and female GROUND JOINT)-RB FLASK OF IL capacity with B-24 (female)ground joint	2
11		Clevenger Apparatus Soxhlet Apparatus (liquid) Having delivery tube with B-24 male ground joint and RB flask 2L capacity with B-36 female ground joint and an adapter to connect the male 24 and female 36 ground joints of the Clevenger and RB flask.	4
12		Soxhlet Apparatus (liquid) CAPACITY OF 2.5IL WITH (B-36 female ground joint with appropriate condenser set with B-36maleGROUND JOINT) Delivery tube with B-24 male ground joint. RB flask of 1L capacity with B-24 female ground joint.	2
13		TDS Kit-Water analysis Range : conductivity /TDS -0-200ms Resolution : 0.01-µs- 0.1ms	1
14		Digital melting apparatus Product Specification Brand- LABPRO(R)	1

		<p>Display-3 Digit LED Heating Rate Control- Electronic Readability-1 degree Stirrer Speed Control- Electronic Temperature Range-2 degreea bove RT-275 degree C Temperature Sensor- PT-100</p>	
15		<p>Audio frequency Oscillator Voltage:110-220 V Display Type: Digital Frequency range - 10 Hz to 100 KHz Dial accuracy - +/- 5%</p>	2
16		<p>LASER source He- Ne Frequency: 50Hz Output Power: A 5-milliwatt Laser Power Supply: 220V AC Design for continues working Mountable on optical bench</p>	1
17		<p>Digital Cathode ray oscilloscope Tube Length0-100mm Voltage: 220V Channel: Dual Bandwidth: Upto 200 MHz Sample Rate: 1 GS/s Feature: Digital Display, Highly Competitive, Driven Type: Electric</p>	1
18		<p>Digital multimeter V_{AC} Range: 10 Milli Volt to 100.0 V V_{DC} Range: 10 Milli Volt to 100.0 V Ohms Range: 0.1 ohm to 40.00 MΩ Capacitor: 100.0 μF Frequency: 100.0 kHz Duty Cycle: Yes</p>	2
19		<p>Electrical Centrifuge Microprocessor based. Square M S body duly powder coated.Double walled light weight ABS lid. Fitted with microprocessor based 2 lines 16 characters LCD pannel for 0-59 minutes countdown timer, digital rpm meter and programmable speed controller (Angel Head).</p>	2
20		<p>Vacuum pump(suction) High Vacuum Suction Machine Model: 1HP Type: Super High Vacuum Weight: 35kg Machine Body: Stainless Steel</p>	1
21		<p>pH meter Type Of Ph Meter: DIGITAL Table-Top Usage/Application: Laboratory</p>	3

		Resolution: 0.01 Ph Ph Range: 1 to 12 pH	
22		Calorimeter Product Name: digital photo calorimeter Model: alpha-03 Type Of Meter: table top	1
23		126nw All-in-one Printer	1
24	Mathematics	All in one Desktop Intel core i5 processor 11th gen 8GB RAM 1TB SATA HDD +256GB SSD Windows 11 MS Office wireless keyboard and mouse 24" display	12
25		Think Center Neo 50t: Intel® Core™10th Gen i5-12400 8 GB DDR 4 RAM 1TB HD 7200RPM Keyboard/ Mouse GT 730 2GB Graphics Card 18.5" Monitor	13
26		Server-Processor: Intel Xeon E-2124 (4-Core, 3.3 GHz, 71W) Monitor 18.5", Dell Keyboard/Mouse	2
27	Computer Science	Laser Printer: Laser printer Hi-Speed USB, Wi-Fi radio + BLE	1
28		Seagate Hard disk- 1TB: External HDD	2
29		Web camera: Digital HD Webcam with Widescreen HD, HD Light Correction, Mic	5
30		IOT KIT EDITION –HOME AUTOMATION ARM cortex-A7 1.6GHz, ZigBee compatible, Ethernet and Wi-Fi interface to communicate with cloud, HDMI, USB interface Current Sensor, PIR Sensor Temperature Sensor, Ultrasonic Sensor, LPG Sensor	3

CONDITIONS:

1. The quoted price should be inclusive of all taxes / freight / installation etc. Customs / Excise Duty Exempted price should also be quoted.
2. Warranty, AMC conditions, nearest servicing centers details, user reference, necessary supporting catalogues and demonstration should be provided.
3. The right to accept or reject tenders without assigning any reason rests entirely with the Principal.