

SHORT QUOTATION NOTICE
No.HGC/ESTT/QUO/QUO/126/29/029
Dtd .30.08.2017

Sealed quotations affixing non-refundable Court fee of Rs. 8.25 (Rupees eight and paise twenty five only) are invited from reputed manufacturers/authorized dealers/vendors for supply, installation & commissioning etc. of following items under RUSA scheme at Handique Girls' College, Guwahati – 781 001.

Items with Specifications:

Item No.	Name of Item	Specifications	Quantity
Botany			
1	Rotary Microtome	Manual sectioning. Mechanical feeding system with visual display of micron setting. Feed adjustment from 1 μ -50 μ in steps of 1 μ . Total feed excursion 28mm. With object holder, knife and disposable blade holder.	1
2	Autoclave	Vertical. 50L. Double walled construction with inner chamber stainless steel and outer mild steel. PID controlled	1
3	Digital Balance	Capacity: 600g; Readability: .01g; Reproducibility: \pm .01g; Linearity: \pm .02g. Weighing plate: 80mm. With level indicator and levelling feet.	1
4	Magnetic Stirrer	Stirring capacity 1L; With speed control and heat control for uniform heating and stirring; Speed up to 1200rpm. Heating power 100W to 200W; One piece heating plate of chemically resistant material.	1
5	Benchtop Centrifuge	Max speed 4000rpm-5000rpm; Max RCF 2300g to 2500g). Stepless speed regulator; Dynamic brake ability and imbalance detector with cutoff. With 8-place fixed angle rotor (8 x 15 ml).	1
Chemistry			
6	UV-Vis spectrophotometer	Double beam; Wavelength range 190-1100nm, Spectral bandwidth 1nm; Photometric range -4 to 4 Abs. PC controlled with Windows based application software	1
7	Conductivity-TDS meter	Digital, microcontroller based; range 0.1 μ S - 100 μ S; resolution .001 μ S; TDS range 0.1 ppm – 100ppm; 7 digit LED readout for temperature, conductivity and TDS	3
8	pH meter	Digital, microcontroller based; 3/4/5 calibration for pH; pH range 0 – 14; mV range 0 - \pm 1999.9; resolution 0.1 mV.	3
9	Digital Balance	Capacity: 220g; Readability: .001g; Reproducibility: \pm .001g; Weighing plate: 100mm x 100mm. With level indicator and levelling feet.	2

10	Melting Point apparatus	Digital, fully automatic, 3 ½ digit, accuracy 1%, range ambient to 350°C.	5
11	Rotary vacuum evaporator	Complete set with pressure regulating pump	1
Microbiology			
12	Benchtop Shaker Incubator	Microprocessor controlled with digital display for temperature and shaking speed and timing function; shaking speed up to 300rpm; Maximum shaking capacity up to 8L.	1
13	Spectrophotometer	C-T configuration diffraction grating monochromator, Wave length: 340 to 1000 nm, Photometric range: Transmission: 0-100%, Absorbance: -0.301-1.999, Factor: 0-1999, Concentration: 0-1999	1
Physics			
14	Digital Multimeter	AC Voltage Accuracy 1 % + 5 Digits AC Voltage Measurement Resolution 0.1mV ac, Absolute Maximum Capacitance Measurement 0.1µF, Frequency 10 HZ to 100 KHz	2
15	Digital Storage Oscilloscope	200MHz, 2 channels, sample rate: 2 GSa, Tie base range: 1 ns/div to 100s/div., vertical resolution: 8 bit.	1
16	Multichannel Function Generator	Analogue channel: 1 to 5, Frequency range : 10M, 20M, 30M, 60M, 320MHz, Frequency resolution: 1 µHz, sample rate: 200MSa/s, vertical resolution: 14 bits, memory length: 16K.	2
17	Linear DC Power Supply	DC voltage range: 0 ~ 18V/30V/32V, DC current range 0 ~ 3A, Max. power range: 180W/195W/200W, Switching ode: Linear	4
18	Travelling Microscope	Horizontal and vertical sliding with V.C. 0.001 cm.	5
19	Soldering Station	Includes power unit, soldering pencil, stand and sponge, designed for continuous production soldering, slim, comfortable pencil with eta tip.	1
20	Planck's Constant Apparatus		2
21	Stefan's Constant Apparatus		2
22	GM Counter	Dead time 200 µs, plateau voltage 50V, Plateau slope 10%/100v.	1
23	Discharge tubes (Hydrogen, Helium, Neon and Argon)	DC breakdown voltage 285-600, peak pulse current 500A, Max capacitance 1.5pf.	5 each
24	Sodium Vapour Lamp with Transformer	Power 35 Watt, Two pole 32Amp MCB for workstation power and 6 auxilliary separate 230v/5 Amp protective sockets.	5
Home Science			
25	Hot air Oven	Operated on 230V, 50Hz single phase. Diplay: Digital Temperature range : 50-200°C, Double wall chamber- Inner made of stainless steel SS 304 grade. Should provide three heating elements on three sides of the equipments. Should provide with air circulating fans Should have a minimum chamber size of (L*B*H) 450*450*600..	1
26	Hot Water Bath	Shaking water bath. Temperature range : 2-100°C Precision digital control. Stability ±0.1°C Tank size: 12 L	1

		Linear shaking speed: 20 to 220 rpm Shaking Tray area: 240 x 235 mm Minimum working depth : 60 mm. Universal Tray with adjustable tray Flask tray : Mix and match flash clamps Ploycarbonated lid Drain Tap for emptying Timer : 0-999min	
27	Dye Bath		1
28	Tensile strength tester	Digital tensile testing machine Model/Capacity 2500N (250kg)	1
29	Grayscale (color change/staining)	AATCC grey scale	1
30	Pick Glass	004 or 003	1
31	Crockmeter	Digi crockmeter i 2™ 305 mm(L) x 725 mm (D) x 305 mm (H)	1
32	Infantometer	Acrylic Anti-corrosive Precise engineered	1
33	Stadiometer	Standing Measuring range- 20-205 cm. Graduation- 1 mm	2
34	MUAC tape	WHO standard no. S0145620 or S0145600 (preferably S0145600)	4
35	Herpenden Skin fold calliper	Graduation: 0.2 mm Measuring range 0mm-80 mm	4
36	Specific gravity bottle with thermometer	Brand: Borosil Capacity: 25 ml	5
Zoology			
37	pH meter	pH range- 0 to 14, Resolution- 0.01pH, 1mV in MV mode, Temp- 0 degree to 100 degree Dig. display Display- 3.5-digit red LED, 7 segment with automatic polarity and decimal point	1
38	Stereomicroscope	Binocular tube, 45° inclined, 360° rotatable, IPD 54-74mm Eyepieces: Wide Field eyepiece WF 10x/18mm focusable paired with eye guards; Nosepiece: Reverse turret with objectives 1x-3x or 2x-4x Magnification: 10x - 30x or 20x – 40x Illumination: Built-in illumination system 12V-20W Halogen incident light and transmitted 12V-10W halogen transmitted light. Electrical: Power supply (220V-240V)	6
39	Compound Microscope	Monocular tube, 45° inclined, 360° rotatable Eyepieces: Integrated Wide Field eyepiece WF 10x/18mm, with foldable eye guard, anti-fungus coating - locked in ocular tube. Nosepiece: Quadruple nosepiece; Objectives: DIN Semi-Plan Achromatic objectives 10x, 40x (spring loaded), 100x Oil (spring loaded) anti-fungus coating Mechanical Stage: Mechanical stage with Co-axial drive, highly smooth on Ball Slides, Stainless Steel Holders for Slide Movement X-Y = 75mm x 50mm;	6

		Condenser: Sub-stage Abbe condenser NA 1.25 with aspheric lens; Iris diaphragm with snap-in blue filter; Rack and pinion movements on metal guides. Illumination: Halogen 6V-20W lamp with variable illumination control. Up to 2,000 hours of Halogen lamp life. Electrical: Input 200V-240V AC.	
40	Microtome	Manual sectioning. Mechanical feeding system with visual display of micron setting. Feed adjustment from 1 μ -50 μ in steps of 1 μ . Total feed excursion 28mm. With object holder, knife and disposable blade holder.	1
41	Hot water bath	Stainless steel. Dimension- 455mmx300mmx175mm (6 Racks)Temp control by hydraulic thermostat Sensitivity- \pm 0.5	1
42	Tissue Homogenizer	Stirring shaft- 8x240mm. 5ml/10ml/25ml Min RPM- 300 Max RPM- 6000	1
43	Flame Photometer	Determination upto four elements with single aspiration, upto five point calibration, 20 character line alphanumeric LCD readout, air compressor with built in air regulator and air filter	1
44	Incubator	Stainless steel, Dimension- 455x455x605mm Temp- Ambient to 60°C.	1
45	Hot Plate	Dimension- 12x11x13cm, item weight- 6kg, power- 375watt, size of top plate- 10x10cm, voltage- 240 volt AC	1
46	Micropipette	1-10 μ l 10-100 μ l 100-1000 μ l	2 sets each

GENERAL TERMS & CONDITIONS:

1. No separate tender paper will be issued from the office; List/specifications should be downloaded from the website, www.hgcollege.org.
2. **The rates should be preferably quoted in Indian Rupee and F.O.R Handique Girls' College, Guwahati. Charges for clearing and transportation should be incurred by the supplier.**
3. Quotations should be accompanied by i) An EMD amounting to minimum 2% of the total quoted value, (in the form of Demand Draft duly pledged in favor of Principal-cum-Secretary, Handique Girls' College, payable at Guwahati. ii) A non-refundable application (quotation) fee of **Rs. 1000.00** (Rupees One Thousand) only must be paid only by Demand Draft drawn in favour of Principal-cum-Secretary, Handique Girls' College, Guwahati.
4. The rates should be exclusive of taxes and applicable tax % should be clearly indicated.
5. Applicable levies, surcharge and discounts should be clearly indicated item wise.
6. Quoted rates should be valid at least for a period of 01 year.
7. All the quotations must be accompanied with supporting documents and / or literature.
8. The rates should be quoted along with supporting documents of specifications and technical features and list of users.
9. The equipment must be installed at the laboratory, and after installation a basic training, where necessary, must also be provided by the supplier or their Indian counterpart without any additional costs.
10. Demonstration may be sought from the vendors for authentication of quoted specification.
11. Details of availability of after sales support will have to be furnished. After sales support directly from manufacturer and at Guwahati will be preferred.
12. Proprietary items should be quoted with sole Manufacturer/Distributorship certificate.

13. Warranty/Guarantee period should be specifically mentioned in the quotation.
14. No Advance payment will be made.
15. Performance Bank Guarantee also must be submitted for all Major equipments covering the warranty period.
16. The charge of Annual Maintenance Cost (AMC) of the equipment for 3 (three) years beyond warranty/ guaranty period may also be furnished separately.
17. The College reserves the right to accept or reject any or all the quotations without assigning any reason.
18. Quoted price should be inclusive of essential accessories and delivery should be up to Handique Girls' College, Guwahati.
19. Applications for release of EMD should be submitted to the Principal-cum-Secretary, Handique Girls' College
20. Apart from the above terms and conditions the College has the right to include any other terms and conditions as and when felt necessary.
21. **Sealed quotations should be submitted in the DROP BOX placed in the office of the Principal, Handique Girls' College within 14 days from the date of publication of this notice. If posted/couriered, should reach within 14 days addressed to "The Principal, Handique Girls' College, Guwahati – 781 001". The Quotation Notice No. and date should be clearly superscribed in the envelope/packet containing the quotation.**

Sd/-
Principal
Handique Girls' College
Guwahati