

OFFICE OF THE PRINCIPAL, SHAILABALA WOMEN'S (AUTO.) COLLEGE, CUTTACK

NO. 80 /DT. 02.02.2019

QUOTATION CALL NOTICE

Sealed quotations are invited from the interested and eligible manufactures/agencies/firm/suppliers of reputed brands bearing valid GST Registration No. with updated tax payment, Authorization Certificate for the brand and income tax clearance for supply and installation of laboratory Equipments/Infrastructure/Chemical & Glassware for Departments of Physics, Chemistry, Botany, Mathematics, Home Science and Psychology of the college.

The sealed quotations must reach the undersigned on or before dt.17.02.2019 by Speed Post/ Courier/ Registered Post. For details please visit the website: www.shailabalawomenscollege.com

Shailabala
20.2.19
Principal

Shailabala Women's (Auto.) College, Cuttack.

OFFICE OF THE PRINCIPAL SHAILABA WOMEN'S (AUTO.) COLLEGE, CUTTACK

NOTICE NO.80 / DATE. 02.02.2019

DEPARTMENT OF CHEMISTRY

LIST OF CHEMICALS

- | | |
|-------------------------|----------------------------|
| 1. Acetic anhydride | 12. Furfural |
| 2. Acetyl chloride | 13. Iodine |
| 3. Aluminium hydroxide | 14. Magnesium chloride |
| 4. Basic lead acetate | 15. Manganese (II) nitrate |
| 5. Carbon tetrachloride | 16. Milk of magnesia |
| 6. Copper chloride | 17. P- Aminophenol |
| 7. Cyclohexane | 18. Phenol |
| 8. De colorising carbon | 19. Phenylhydrazine |
| 9. Dimethicone | 20. Phosphoric acid |
| 10. Ethanol | 21. Sodium acetate |
| 11. Formaldehyde | 22. Zinc dust |

EQUIPMENTS

SL. NO.	EQUIPMENT	SPECIFICATION
1	COLORIMETER	% T and abs. concentration and K-factor 2 line 16 characters LCD With 8 optical filter Data memory Printer port 4 test tubes and 2 cuvettes
2	REFRIGERATOR	Double Door 308 litre (Gross volume) 280 litre (Storage volume) 3 star Frost free

SPECIFICATION PURCHASE OF EQUIPMENT

DEPT. OF MATHEMATICS

ITEM	SPECIFICATION
Projector & Accessories	LCD/DLP type Big screen upto 300inches, HD Resolution (1200x1080) or higher resolution. Maximum hour maintenance of projector bulb, image contrast ratio (15000:1) or more, High lumens

	<p>more than 3000, Comprehensive lens options covering TR from 0.37-5.5, 360-degree rotation.</p> <p>(i) Project Screen (ii) Stand (iii) Pointer</p>
Laptop:	64-bit/32-bit processor, 7 th generation, core i-7/i-5, HDD-1 Tb/500GB, 16-GB RAM, 15.6 inch FHD

DEPARTMENT OF HOME SCIENCE

Equipments! -

Sl. No.	Name of the Item	Specification
1	Water Purifier	Wall Mounted with UV, UF, & RO
2	Washing Machine	Capacity 6 k.g.(approximately) Fully Automatic with steel tub, top loading
3	Crockery set	Procelain (Preferable white or off white) Full Size – 20Nos Half Size – 20Nos Curry Bowl – 4Nos
4	Cutlery set	Spoon-12 Fork-12 Knife-12
5	Cupboard (steel) for storage of kitchen equipment with lock & key	Height – 6ft Width – 3ft Depth – 2ft
<u>Infrastructure</u>	Closed steel shelving cabinet (adjustable type) conforming to IS No-3312/1984 as per EP & M specification for laboratory instruments.	size 78”x36”x19”

INFRASTRUCTURE OF PHYSICS DEPARTMENT FOR SESSION 2018-19

- **Construction of Dark Room in New Physics Lab** Partition made of heavy gauge Aluminum Section and paneled with pre-laminated board 15'x9'x11' and 10'-6"x11' with one door fitted with all necessary fittings.
- Providing and fitting of Venison blind to three windows of computer lab of Physics dept.
- Closed steel shelving cabinet (adjustable type) conforming to IS No-3312/1984 of size 78"x36"x19" as per EP & M specification for laboratory instruments.

QUOTATION FOR EQUIPMENT OF PHYSICS DEPARTMENT FOR SESSION 2018-19

Sl. No.	Equipment with specification
1	<p>To determine the Hall coefficient of a semiconductor sample. Technical specifications; Power supply-Dual digital (0-20V), 5A with dual DC continuously variable and stabilized voltage display, 3^{1/2} digit LED, Ripple-less than 24mV, overload current limiting protection, current 5A continuously variable, 10% to full rating, current display 3^{1/2}digitLED.</p> <p>Constant Current source- Dual display 0-20mA Dc, Resolution-10uA, power-220V+10% to 50 Az AC, 3^{1/2}digit LED Digital glass meter-Range-200 Gauss and 2k gauss, Resolution 0.1 gauss at 0-200 Gauss, 3^{1/2} digit LED. Compact design Hall-effect apt. with p-type PBC crystal coil 400 turns, coil current 405Amp (max). Connection – m safety socket, U core – 150x130 (LxH), 40x40mm cross sections. I core-length-150mm, 40x40mm cross-section. Core material Ferromagnetic. Base dimension-360x180x33mm</p>
2	Babinet's compensator only without any other accessories.
3	To determine the Boltzmann. Const. using V-I characteristics of Pn- junction diode. Technical Specifications Boltzmann setup via PN- junction, selector switch at V-I position, Voltmeter Display-3 ^{1/2} digit 7 segment LED, current range (0-20 mA) oven with Temp. Probe-Heating Element-35 ohm, oven connector 5 pin DIN type, Ambient temp-353, temp sensor –PT100 output pin –heater pin 4&5 temp. pin 1&2 ., Transistor NPN type- BC109 PN-Junction Diode- type IN5402 with connector 4mm plug-in-socket.
4	To study GM counter system. GM stand, end window G.M detector, radioactive kit Counting Specifications- paralysis time- 1 to 99.9 sec Resolving time 0.1 sec preset time -1 to 99.9 sec.(Radio Active Sample)
5	To study the V-I characteristics of a zener diode and its use as voltage regular with two meters current measuring in reverse biased cond. From 100nA-20mA
6	Standard Resistance coil 2Ω, 3Ω, 4Ω, 5Ω, 6Ω, 10Ω(manganin coil)

**QUOTATION FOR LABORATORY EQUIPMENT OF P.G. DEPARTMENT OF
PSYCHOLOGY FOR SESSION 2018-19**

Sl. No	Item	Specification
1	Inverter with battery(1 piece)	DU 800 plus VT 150 AH (TUBULAR)
2	Lap top	I3 Processor , Window OS 4 GB Ram, 1 TB HDD 15.6" Screen , Anti- virus for 1 year
3	Refrigerator	192 Litter , Double Door frost free three star

Department of Botany

1. Lab Chemicals / Glassware,

Sl. No.	Items	Specification	Brand
1	Methanol	500 / litre	Chemical/Reputed Brand
2	Ethanol	500ml / litre	Glassware
3	Acetone	500ml	
4	Sodium Bicarbonate	500ml	
5	Petroleum Ether	1 litre	
6	Methylene blue	500ml	
7	Sucrose	500gm	
8	HCL	200ml	
9	Micro Slides		
10	Cover Slip (Glass)		

2. Infrastructure

Sl. No.	Items	Specification	
1	Sitting Stool (Plastic)	Height- 20" Base- Square/ Circular -/10/12"	Reputed Brand
2	Wall hanging Cupboard provided with shelves and leaf door having locking system made of teak wood	Size- 4x2x1 (ft.) 2x2 ^{1/2} x1 4x2x9 4 ^{1/2} x2 ^{1/2} x1 2x2x1	
3	Closed steel shelving cabinet (adjustable type) conforming to IS No-3312/1984 of as per EP & M specification for laboratory instruments.		

3. Lab Equipments

Sl No	Item	Specification	
1	PC Based Single Beam UV- Visible Spectro Photometer	Measuring mode- %T, Abs, Con(Multi standard & k- Factor) Wave length range -; 200 to 1000 nm Spectral Bandwidth- 1.0nm Absorbance range-0.00 to 2.0 Abs	Reputed Brand
2	Microscope (Binocular)	(i) Binocular pathological microscope ... Standard microscope set complete with built-in 6V20W halogen light illuminator with regular power supply, quadruple ball bearing nosepiece, co-axial coarse and fine focusing controls, high resolution Semi-Plan Achromat objectives 4x,10x,40x (spring) and 100x (spring oil immersion), 360deg rotatable inclined binocular tube, fungus	

		<p>resistant...for tropical wise, wide ...paired eyepiece HWF10x (F.N.18), right hand control co-axial low drive mechanical stage and rack & opinion focusable Abbe Condenser 0.9/1.25 N.A with iris diaphragm complete set in the monocle packing.</p> <p>(ii) (ii) Standard microscope head, integrated 6V 20W halogen light illuminator. An fungal coated Achromac Objectives iNEA 4x, 10x,40x (Spring) & 100x (oil, spring), paired wide held eyepiece manufactured under license.</p>	
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Terms and Conditions

1. Bidders are requested to apply separately for each department.
2. Envelope should be super scribed by the name of the items (Equipment/ Infrastructure/ Chemicals & Glassware) for which quotations are to be made for each department.
3. Photocopy of authorized dealership certificate to be attached.
4. Photocopy of GST Clearance Certificate.
5. Photocopy of up-to-date GST Registration Certificate.
6. Photocopy of PAN.
7. Rate quoted should be exclusive of GST, GST to be mentioned separately for each item.
8. Quotations without authentic documents and incomplete in any manner will be rejected.

9. Items should be delivered/installed and demonstration in the respective Lab /department at free of cost.
10. Where ever necessary payments will be released only after inspection by the member of committee (by technical committee wherever necessary).
11. Payments will be released subject to satisfactory demonstration / working of the equipments/instruments
12. Confirmation of the delivery of items is to be made within 3 days from the date of issue of order. Goods should be delivered within 12 days from the date of issue of order.
13. Payments shall be made in the mode of A/C payee cheque/transfer to the bank account of the firm through NEFT/RTGS.
14. GST/IT will be deducted at source wherever applicable.
15. Further details if required are available with the concerned HODs. Contact HOD on any working day before submitting the bid documents.
16. Bidders applying for infrastructure work of any department need to visit the respective departments before submitting bid any working day during working hour.
17. Principal reserves the rights to reject any/all quotations without specifying reason thereof.


Principal

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