

HOOGHLY MOHSIN COLLEGE
DEPARTMENT OF BOTANY

LIST OF GLASS GOODS AND CHEMICALS FOR QUOTATIONS 2022

Sl No	Name	Quantity	Approx Price
1	Petri Plate Size 90 mm x	10 box	
2	Measuring Cylinder 50 ml, 100 ml, 250 ml, 500 ml	50 ml x 12 pc, 100ml x 12 pc, 250ml x 12 pc, 500 ml x 6 pc	
3	Parafilm	12 pcs	
4	Beaker 50 ml, 100 ml, 250 ml, 500 ml, 1000 ml	50 ml x 12 pc, 100ml x 24 pc, 250ml x 24 pc, 500 ml x 24 pc, 1000 ml x12	
5	Conical flasks 50 ml, 100 ml, 250 ml, 500 ml, 1000 ml	50 ml x 12 pc, 100ml x 24 pc, 250ml x 24 pc, 500 ml x 24 pc, 1000 ml x12	
6	Dropping bottle for lab	72 pcs	
7	Glass funnel medium & small size	24 pcs	
8	Culture tube	12 doz	
9	Test Tube	24 doz	
10	Oswald's Viscosimeter	6 pcs	
11			
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20			
21			

Subrata 31/3/22

BATANY

CHEMICALS			
Sl No	Name	Quantity	Approx Price
1	Orcein Powder 5 gm		2
2	Sodium Thiosulphate		
3	Triphenyl Tetrazolium Chloride	10 gm	
4	Potassium meta bisulphide		
5	Evans blue	10 gm	
6	Nitroblue tetrazolium chloride- Fluka	01 gm	
7	Diamino benzidine		
8	Silver nitrite	10 gm	
9	Sodium citrate 250 gm		6
10	Quercetin		
11	Hydrogen peroxide 500 ml		10
12	Methanol 500 ml		36
13	Propionic acid		
14	Glutaraldehyde		
15	Amla Powder 100 gm		
16	Beet root powder 100 gm		
17	Formaldehyde 500 ml		24
18	Riboflavin 10 tab		
19	Methionine		
20	EDTA- sodium salt		
21	Toludine blue		
22	Para dichloro benzene		
23	Colchicine		
24	Asceuline		
25	Ethanol 500 ml		36
26	Tetrazolium violet 1 gm		
27	Dimethyl sulfoxide		
28	Carmine powder 5 gm		2
29	Butanol		
30	Tryphan Blue 25 gm		4
31	Lactophenol 500 ml		6
32	Cotton Blue 500 ml		6
33	Gelatin		
34	Czapek Dox Media 500g		6
35	Pectin Powder 100 g		8
36	Non abs cotton		24
37	Abs Cotton		24
38	Tryphan Blue 25 gm		6
39	TTC		6
40	DPX 500		6
41	Agar Powder 500g		4

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31/3/22

BOTANY

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42	Antibiotic tablet vial	4	
43	Saffranine 25 g	6	
44	Chromatographic paper	2 box	
45	Celite suspension	1	
46	Sodium nitrite 500 g	3	
47	Potassium hydrogen sulphate 500 g	2	
48	Ammonium amido sulphate 500 g	2	
49	MBTH	2	
50	Ferric Chloride 500 ml	4	
51	Malt Powder 500 g	3	
52	Folin Ciocalteu 500ml	6	
53	Catechol 500 mg	6	
54.	Formaline	5 Lit	
55	Phenol 500ml	6	
56.	Potassium dichromate 500g	6	
57.	Potassium Permanganate 500mg	6	
58.	Hydrochloric acid	2.5 L	
59.	Sulfuric acid	2.5 L	
60.	Nitric acid	2.5 L	
61	Vanillin/chlorogenic acid	1 gm	
62	α -propanol 500ml	X 2	
63	α -Hex 500ml	X 2	
64	IAA	10 gm	

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GOVERNMENT OF WEST BENGAL
DEPARTMENT OF CHEMISTRY
HOOGHLY MOHSIN COLLEGE
CHINSURAH, HOOGHLY

REQUIREMENTS OF CHEMISTRY DEPARTMENT FOR THE FINANCIAL YEAR 2022-23

Rate contracts required:

1. Merck India.
2. Merck Germany
3. Sigma Aldrich
4. AVRA
5. Himedia
6. Alfa-Aesar
7. SRL
8. Spectrochem
9. Ranbaxy
10. Glaxo
11. Nice
12. Bharati Chemicals
13. CDH
14. Loba
15. Borosil
16. Merck Glasswares
17. Riviera
18. Tarsons
19. Abdos plasticwares
20. Pisco
21. Oster Chemicals
22. U.R BIOCOCTION PVT LTD.
23. PROCESS CHEMICAL INDUSTRIES

In case where necessary the instrument(s) must be installed free of cost by the trained technician. Along with quotation you are requested to submit catalogue (latest

Price list 2017-18 of all the quoted brands either hard copy or in CD form) to the Dept. of Chemistry. It is mandatory. Please maintain the serial number in the quotation as per our tender.

S. Saha 29.3.22

Associate Professor of Chemistry, Head
Department of Chemistry
Hooghly Mohsin College, Chinsurah

**FOR EQUIPMENT PLEASE DO NOT QUOTE ANY OTHER BRAND OR SPECIFICATION;
PLEASE FOLLOW OUR INSTRUCTION PROPERLY.**

LAB EQUIPMENTS	Make & model
10MM DIAMETER vacuum pressure tube	4 COIL
4MM DIAMETER vacuum pressure tube	4COIL
6MM DIAMETER vacuum pressure tube	4 COIL
Bunsen Burner (LPG) PARCO	50 PCS
Burette brush	5 DZN
Burner tube (ISI mark) 1.5 METRE COIL	10 COILS
COPPER WATERBATH 6 DIAMETER/8 DIAMETER WITH LID	12PCS
CORK BORER SET OF 6	6 PCS
Filter paper 4 BIVA FILTER PAPER 45CMX45CM PER RIM 11CM BIVA GRADE 202 /201	5 REAM
FILTERING STAND IRON	30PCS
SPIKE BUSTER GOOD QUALITY/DATA CABLE	3 PCS
SPOT PLATE 12 HOLES	36PCS
STEEL NEEDLE NO 20 HAVING 10 INCHES LENGTH	20PCS
TAP TUBE	
Test tube brush BEST QUALITY	5 DZN
TEST TUBE HOLDER wooden handle	40PCS
THERMOMETER ZEAL 0-360 DEGREE	30PCS
Three finger clamp brass INDU 8	20PCS
TONGS BRASS 8 steel/copper	2DZN
TRIPOD STAND	50PCS
Two finger clamp BRASS INDU 8	20PCS
WIRE GAUGE PLAIN/asbestos centered	10 DZN EACH
Beaker 100ml,250ml,500ml	100pcs each
Conical flask 100ml,250ml(with and without B24 jt)	100pcs each
RB flask 100ml,250ml std joint (B24)	100pcs each
Watch glass 4 and 5 diameter	100pcs each
Repairing job Canon IR 2318 xerox machine Dropper bulb type with tit (8 ,6) borosilicate glass	200pcs

INSTRUMENTS	
BOILING PIONT APPARATUS	10PCS
CALOMEL ELECTRODE sys/equip	3PCS
CARTIDGE FOR HP PRINTER 12A /88A	2PCS EACH
CONDUCTIVITY METER 509/511 DIC BRAND,SYSTRONICS	2PCS
DIGITAL CONDUCTIVITY METER MODEL EQUIPTRONICS LATEST MODEL	2pcs
CONDUCTIVITY CELL FOR SYSTRONICS EQUIPMENTS HPG G301	6pcs
MICROCONTROLLER BASED FLAME PHOTOMETER WITH AUTO IGNITION FACILITY & 5 POINT CALIBRATION	1pc
WATER COPPER DOUBLE WALLED 6 HOLES/12 HOLES FRONTLINE	12pcs
DIGITAL COLORIMETER MODEL EQ 650 EQUIPTRONICS	1pc
ELECTRICAL DRILL MACHINE	2PCS
EXHAUST FAN BAJAJ	2PCS
ELECTRONIC GAS LIGHTER FOR LPG	4PCS
GLASS ELECTRODE	3PCS
IR MACHINE SPECTRUM 2 SAMPLE HOLDER	2PCS
JAR 250LIT CAPACITY WITH TAP FITTINGS	4PCS
KEYBOARD-MOUSE CORDLESS LOGITECH	2PCS
LASER PRINTER CARTIDGE 12A AND 88A	2PCS EACH
ZEAL THERMOMETER 0-360DEG	50PCS
MASK FOR LAB USE	6PCS
MELTING POINT BATH 50ML CAPACITY	30PCS
MICRO CONTROLLER PH METER GOLD 533 DIC	2PCS
PH METER ELECTRODE TOSHCON	3PCS
PLATINUM ELECTRODE	3PCS
PLIERS 8 TAPARIA	4PCS
POTENTIOMETER SINGLE CHANNEL EQUIPTRONICS 602	2PCS
SMPS 450WATT IBALL/FRONTECH	2PCS
SONICATOR 2LIT CAPACITY WENSAR/FRONTLINE	1PC
STAND FAN 36 CROMPTON GREAVES	2PCS
TRIANGULAR FILE TAPARIA 8	24PCS
WATCH GLASS 4 DIA ,5 DIA	100PCS
WATER BATH COPPER 6 DIAMETER	10PCS
RESEARCH POLARIMETER	1PC
A/C MACHINE SAMSUNG 5 STAR 1.5 TON SPLIT	1PC
UV TEMP CONTROLLER SHIMADZU	1PC
UV TORCH	2PCS
MICRO OVEN LG 30LIT LATEST MODEL	2PCS

UPS SEN AND PANDIT 1KVA AND 2KVA	2PCS
MICROSCOPE FOR LAB USE OLYMPUS	2PCS
MINI GAS CYLINDER 4 KG CAPACITY	2pcs
PIPETTE SUCKER MIROLIT 25ML & 10ML	1DZN EACH
IRON FILTERING RING WITH CLAMP	40PCS
WATER BATH COPPER 12 HOLES/6HOLES	12pcs

GLASS AND OTHER CONSUMABLE ITEMS

ANTIVIRUS QUICKHEAL 3YEAR 4USER	1PCS
BLUE GLASS 2 X2	100PCS
DROPPER BODY LENGTH 6 WITH TIP SIZE 4 TO 5	12 DOZEN
FUSION TUBE PER GROSS(HARD GLASS) AS PER SAMPLE	50 GROSS
GLASS DROPPER BULB TYP WITH TIT BOROSILICATE GLASS PER 100PCS	200 PCS
GLASS ROD OF DIFFERENT SIZE /KG RATE	10 KG
GLASS SYRINGE 1ML,5ML 10ML 20ML 50ML CAPACITY	2PCS,2PCS,3PCS,5PCS,5PCS
GLOVES FOR LAB USE	5 DZN
GUARD TUBE B24/B14	10PCS EACH
LABELLED BOTTLE (HCL,H ₂ SO ₄ ,HNO ₃ ,NH ₃) 500ML CAP	10 PCS EACH
MEASURING CYLINDER WITH B 24/29 STD JT CAPACITY 100ML,250ML	4PCS EACH
MEASURING CYLINDER WITH B14/23 STD JT CAPACITY 10ML,25ML,50ML,5ML	6PCS EACH
MELTING POINT BATH 50ML	40 PCS
RB B24/29 JT 50ML,100ML250ML	20PCS EACH
RB FLASK 2LIT	3PCS
RB WITH B14/23 STD JOINT ,CAPACITY 25ML,50ML,100ML	50PCS EACH
REAGENT BOTTLE LOCAL MAKE NARROW MOUTH 100ML,250ML,500ML,1LIT	50 PCS EACH
REAGENT BOTTLE LOCAL MAKE WIDE MOUTH 100ML	50 PCS EACH
RECEIVER 2L	3PCS
SEPTUM B14 AND B24	20PCS EACH
SEPTUM B24 AND B14 ALDRICH	10PCS EACH
STALAGMOMETER 10ML(12-18 dropsAS PER min)	30PCS
STEEL MADE NEEDLE NO 20	24PCS
STEEL NEEDLE OF DIFFERENT LENGTH FOR ABOVE SYRINGE	10 PCS EACH
STOP COCK BENT B14 AND B24 JT	20PCS EACH
STRAIGHT CONDENSER BODY LENGTH 10 WITH B14/23 STD JT ALLIN/LEIBIG	4 DOZEN
SYRINGE WITH STEEL GUARD CAPACITY	10 PCS EACH

Chemistry

1ML,2ML,5ML,10ML,20ML	
TAIL B 14/23 STD JT	4 DOZEN
TEFLON COATED MAGNETIC PADDLE ASSORTED OVAL SHAPED AND CENTRAL RING	2PCS EACH
TEFLON ROLLS	20PCS
TEST TUBE 10ML,15ML CAPACITY(HARD GLASS)AS PER SAMPLE	50 GROSS EACH
VISCOMETER 10ML AS PER SPECIFICATION	30PCS
ZEAL THERMOMETER 0-360 DEG	20 PCS
VISCOMETER(time flow/min 120s for 10ml)	30PCS
MORTAR PESTLE AGATE	2PCS
ELECTRICAL HEATER 1500WATT	4PCS
PLASTIC BATI FOR ICE MAKING	100PCS
ITCHING BOTTLE 100ML,250ML,500ML,1L	100PCS
ICE BREAKING BAG	6PCS
WATCH GLASS 4 DIA ,5 DIA	10 DZN EACH
SOFT TISSUE PAPER ROLL FOR LAB USE	1 DOZEN
RUBBER CORK NO 1-30	2 GROSS EACH
VELVET COCK 1-30	2 GROSS EACH
REFLUX CONDENSER SMALL	3 DOZEN
SPRAYER BOTTLE	3 DOZEN

CHEMICALS :: ORGANIC

SODIUM HYPOCHLORITE -3X500ML
 1,4 DIOXANE-2X500M
 P-TOLUIDINE
 P-NITRO BENZOIC CID
 P-AMINO BENZOIC ACID
 P-NITRO TOLUENE
 P-ANISIDINE
 ETHANOL
 CYCLOHEXANONE
 ETHYL METHYL KETONE
 CYCLOHEXANE
 ACETYL ACETONE
 ANISOLE
 CROTONALDEHYDE
 MESITYL OXIDE
 NITRO BENZENE
 GLYCINE
 ETHYL ACETATE GR 2.5LIT
 VALINE
 ARGININE
 ASPARTIC ACID
 TRYPTOPHAN
 LYSINE
 CYSTINE
 NINHYDRIN
 METHYLENE BLUE
 FLUORSCEIN
 2-HYDROXY BENZALDEHYDE
 PROPANOL
 TRIETHYL AMINE
 THIMINE HYDROCHLORIDE
 ALPHA NAPHTHYL AMINE
 UREA
 RESORCINOL
 PARA AMINO BENZOIC ACID
 ANISOLE

Methyl acetate-2

Ethyl acetate -5

EBT-3X25GM

Potassium hydrogen tartarate

MAGNESIUM SULPHATE

SODIUM HYPOCHLORITE

SODIUM SULPHATE

CHINESE ETHANOL

POT HYD TARTARATE

Sodium meta bi sulphite-2X500GM

Ferric chloride 250gm phile

SODIUM HYPOCHLORITE -3X500ML

1,4 DIOXANE-2X500ML

TLC PAPER

TLC PLATE

POTASSIUM OXALATE MONOHYDRATE

SULPHANILIC ACID GR

ZIRCONYL NITRATE (250GMX2)

ORTHO TOLUIDINE ALDRICH/FISCHER SCIENTIFIC

POTASSIUM BROMATE

AMMONIUM BISULPHATE

SODIUM SULPHIDE

PHOSPHOROUS PENTACHLORIDE

GLACIAL ACETIC ACID

- ORTHO PHOSPHORIC ACID
- BENZOYL CHLORIDE
- Sodium arsenate
- Ascorbic acid

CONTINGENCY ITEMS

4 COVER FILE GOOD	
A4 COMPUTER PAPER/RIM	
ANTIVIRUS 3 USER 3 YEAR QUICKHEAL	
BAND AID	
BANDAGE	
BETA DIENE LOTION	
BURNOL CREAM	
CANDLE STICK BIG	
CORRECTION PEN KOKUO	
COTTON 400GM PACK	
COTTON MEDICATED	
CUPS AND SAUCERS	
DETTOL 100ML	
DETTOL SOAP 100GM	
FEVI STICK	
Cello tape 2 ,3 ,4	
GALA FOR SEALING	
GAS LIGHTER	
GASPIN	
GEL PEN /DOZ	
GIRDER FOR BURETTE GOOD QUAL	
GUM	
HAND GLOVES GOOD QUALITY	
KNIFE GOOD QUALITY	
LABEL STICKER FOR REAGENT BOTTLE	
LED BULB 12 W	
LEGAL COMPUTER PAPER/RIM	
LEUCOPLAST	
LIFEBUOY SOAP 100GM	
LOCK AND KEY DIFFERENT SIZES	
GODREJ/LOCAL	
MARKER PEN FOR GLASS	
MERCURO CHROME	
NAPKIN 24 X24 BIG/SMALL	
NAPHTHALENE BALLS 500GM/1KG PKT	

NEOSPORIN CREAM	
NEOSPORIN POWDER	
PAPER WEIGHT	
PENCIL BATTERY AA/AAA SIZE	
PLASTIC BATH FOR ICE MAKING	
PLASTIC CAN WITH TAP AND LID 20LIT	
PLUS TAPARIA 8	
PRINTER TONER CARTIDGE 12A/HPM1136	
SCISSOR BIG/MEDIUM	
SOFRAMYCIN CREAM 25GM	
STAMP PAD FABRE CASTELL BIG	
STAPLER PIN BIG AND SMALL	
TESTER	
THREAD FOR VOLUMETRIC FLASK	
TOWEL BIG GOOD QUALITY	
WALL CLOCK AJANTA	
WHITE BOARD MARKER PEN	
BLACK BOARD DUSTER	
LIQUID HAND WASH	
LYZOL	
HARPIC BIG	
STAPLER BIG & SMALL	
GIRDER GOOD ELASTIC QUALITY	
STICKER BIG ,MEDIUM,SMALL	
BALL POINT PEN	
SCALE	
PENCIL	
ERASER	
SHARPNER	
GEMS CLIP	

S. Saha 29.3.22

(Dr. Subrata Saha)

Head of the Department

Department of Chemistry

Associate Professor of Chemistry, Head
Department of Chemistry
Hooghly Mohsin College, Chinsurah

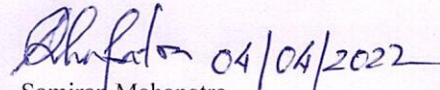
Department of Geology
Hooghly Mohsin College, Chinsurah, Hooghly-712 101
Reference: Notice No. 89/2022 dated 29/03/2022

1. Equipment / Instruments

Sl. No.	Item	Amount (Rs.)/ unit	Justification
1.	Binocular Transmitted cum Reflected Petrological Microscope (CENCICO Make)	73160.00	Required for the laboratory/ practical classes, particularly for ore studies under Economic Geology.
2.	Binocular Reflected Petrological Microscope (CENCICO Make)	53920.00	Required for the laboratory/ practical classes, particularly for rock forming mineral studies.
3.	Binocular Palaeontological Microscope (CENCICO Make)	27450.00	Required for the laboratory/ practical classes, particularly Micropalaeontological studies (Foraminifer etc.).
4.	Diamond saw for rock cutting machine, 8" diameter and 1" hole	6000.00	Required for cutting rock samples

2. Chemicals and glass wares

Sl. No.	Item	Amount (Rs.)	Justification
1.	Canada Balsam liquid in alluminium bottle (500 ml)	5600.00 per unit	Required for preparation of rock/mineral/ore slide
2.	Carborundum powder of different mesh size (120, 200, 300, 600, 800, and 1000 mesh)	800.00 per kg	
3.	Alundum powder of different mesh size (800 and 1000 mesh)	700.00 per kg	
4.	Chromium oxide for rock polishing	1700.00 per kg	
5.	Diamond paste in a set of 4 (1/4, 1, 3, 6)	2000.00 per unit	
6.	Glass slide	150.00 per box	
7.	Cover slip (Blue star) (22x22, 22x30, square and round)	150.00 per box	


Samiran Mahapatra
Associate Professor & Head
Deptt. of Geology
Hooghly Mohsin College
Chinsurah, Hooghly – 712101

Department of Physics,
Hooghly Mohsin College

List of Experimental Set Up required for the financial Year 2022-23

Sl. No.	Name of the equipment	Justification
1	To determine the elastic Constants of a wire by Searle's method	As per CBCS syllabus, this is newly added experimental set up for SEM-I students
2	To compare capacitances using De'Sauty's bridge.	As per CBCS syllabus, this is newly added experimental set up for SEM-II students
3	To investigate the motion of coupled oscillators.	As per CBCS syllabus, this is newly added experimental set up for SEM-II students
4	To determine the thickness of a thin paper by measuring the width of the interference fringes produced by a wedge-shaped Film.	As per CBCS syllabus, this is newly added experimental set up for SEM-II students
5	Platinum resistance thermometer	A Spare parts of an experimental set up
6	Experimental set up to determine the Coefficient of Thermal Conductivity of Cu by Searl's Apparatus	As per CBCS syllabus, this is newly added experimental set up for SEM-III students
7	To determine Stefan's constant	As per CBCS syllabus, this is newly added experimental set up for SEM-III students
8	Experimental set up to show the tunneling effect in tunnel diode using I-V characteristics	As per CBCS syllabus, this is newly added experimental set up for SEM-IV students
9	To determine the excitation potential of mercury/Argon by Franck-Hertz experiment	As per CBCS syllabus, this is newly added experimental set up for SEM-IV students
10	To determine the absorption lines in the rotational spectrum of Iodine vapour.	As per CBCS syllabus, this is newly added experimental set up for SEM-IV students
11	Experimental set up to measure the Dielectric Constant of a dielectric Materials with frequency.	As per CBCS syllabus, this is newly added experimental set up for SEM-V students
12	To study the PE Hysteresis loop of a Ferroelectric Crystal	As per CBCS syllabus, this is newly added experimental set up for SEM-V students
13	To draw the BH curve of Ferromagnetic material using Solenoid & determine energy loss from Hysteresis	As per CBCS syllabus, this is newly added experimental set up for SEM-V students
14	To measure the resistivity of a semiconductor (Ge)	As per CBCS syllabus, this is

PHYSICS

	with temperature by four-probe method (room temperature to 150 0C) and to determine its band gap.	newly added experimental set up for SEM-V students
15	Study of Electron spin resonance- determine magnetic field as a function of the resonance frequency	As per CBCS syllabus, this is newly added experimental set up for SEM-V students
16	Experimental set up to analyze elliptically polarized Light by using a Babinet's compensator	As per CBCS syllabus, this is newly added experimental set up for SEM-VI students
17	Experimental set up to verify the law of Malus for plane polarized light	As per CBCS syllabus, this is newly added experimental set up for SEM-VI students
18	To determine the wavelength and velocity of ultrasonic waves in a liquid (Kerosene Oil, Xylene, etc.) by studying the diffraction through ultrasonic grating.	As per CBCS syllabus, this is newly added experimental set up for SEM-VI students
19	To determine the refractive Index of (1) glass and (2) a liquid by total internal reflection using a Gaussian eyepiece.	As per CBCS syllabus, this is newly added experimental set up for SEM-VI students
20	Digital Multimeter (Best quality)	
21	DC regulated power supply for characteristics of transistor (0-2 V variable and 0-10 V variable)	
22	Wire cutter	
23	Argon tube for Frank Hertz experiment	

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29.3.2022

Head of the Deptt. of Physics
Hooghly Mohsin College
Chinsurah, Hooghly

PHYSIOLOGY

Sl. No.	Name of the Instrument	Brand / Company Made	Quantity	Price (Rs.)	Justifications Note:(CC, DSE-UG Course; MSPY-PG course)
1(a)	Colorimeter	(Erma, Japan)	1	22,000.00	Quantitative Estimation of OD of coloured Complexes for Biochemistry Practical classes of UG (H) course (Vide paper – CC2, MSPY306-DSE2, MSPY406)
1(b)	Photo Electric Colorimeter	'SYSTRONICS' Type No. 112	1	18,000.00	Quantitative Estimation of OD of coloured Complexes for General Biochemistry & Endocrinology Practical classes of UG & PG course (Vide paper – CC2, MSPY 105, MSPY106, MSPY306-DSE2, MSPY406)
2(a)	Fridge - 190 Litre	LG	1	20,500.00	Storing of samples and reagents-Blood Group Kit, TCA, DNPH at 4°C (Vide paper - CC1, CC3, MSPY406)
(b)	Deep Fridge - Chest Type - 100 Litre	BLUE STAR	1	40,000.00	Long-term storing of samples (tissue) and reagents at temperature below 0°C (Vide paper - CC1, MSPY105)
(c)	200 Litres	BLUE STAR	1	40,000.00	Long-term storing of samples (tissue) and reagents for SOD, catalase, amylase at temperature below 0°C (Vide paper - CC1, MSPY106, MSPY306-DSE2, MSPY406)
3	Fine Balance	Dhona	1	42,000.00	Manual estimation of tissue and reagents in 0.000g (Vide paper - CC1, MSPY105, MSPY106, MSPY306-DSE2, MSPY406)
4(a)	Biological Research Microscope, CX21i-TR (Trinocular Version)	Olympus	1	70000.00	For histology practical classes (UG) and dissertation work in PG course (Vide paper - CC1, CC3, CC5, CC11, DSE4A, MSPY406)
4(b)	Microscope with Binocular Head with LED	MAGNUS (Model MLX B Plus)	1	48,000.00	For demonstration of histology practical class

PHYSIOLOGY

	illumination				(slide identification in UG course) and dissertation work in PG course (Vide paper - CC1, CC5, CC11, DSE1B, DSE4AMSPY 306-DSE2, MSPY406)
4(c)	Research Microscope	MAGNUS (Model- CX 21i-TR)	1	80,000.00	For histological research(project work PG studies) (Vide paper – CC11, CC13, DSE1B, GE2, MSPY306-DSE2, MSPY406)
4(d)	Monocular Compound Microscope with LED Light	MAGNUS Model: HM 100	1	21,500.00	For demonstration of histology practical class (slide identification in UG course), histology, practical class for PG; (Vide paper - CC1, CC5, CC11, CC12, DSE4A, GE1, MSPY406)
5(a)	Kymograph Recording Drum	INCO Model (E-8) (Analogue)	1	12000.00	For amphibian experiment practical class for both UG and PG courses (Vide paper – CC3, CC6, CC9, DSE4A, MSPY205, 206, MSPY306-DSE2, MSPY406)
5(b)	Kymograph Recording Drum	INCO (Digital)	1	18,000.00	For amphibian experiment practical class for UG and PG courses (Vide paper – CC3, CC6, CC9, DSE4A, MSPY205, 206, MSPY306-DSE2, MSPY406)
5(c)	Reymond INDUCTION COIL	INCO	1	12,000.00	For amphibian experiment on nerve muscle physiology practical class for PG courses (Vide paper – CC3, MSPY205)
6	ECG-3 CHANNEL -	BPL	1	75,000.00 /-or 92000/-	For PG practical class on human experiment, field study and research on cardiovascular fitness, cardiac toxicity of heavy metals and nano particles and special paper classes in Sports. Exercise Physiology and Ergonomics (Vide paper – DSE4B, MSPY205, MSPY 306-DSE3, DSE5, MSPY307, MSPY406)

PHYSIOLOGY

7	Sphygmomanometer (MERCURY /DIAL/AUTO)	IMPORTED	1	4,000.00	For UG and PG practical classes on human experiments (Vide paper – CC2, DSE2A, GE2)
8	Stethoscope		1	600.00	For UG and PG practical classes on human experiments (Vide paper – CC2, DSE2A, GE2, MSPY406)
9	KARADA BODY FAT ANALYZER	Omron Type: HBF-375	1	17000	For PG practical classes on nutritional status assessment and for Sports, Exercise Physiology and Ergonomics (Vide paper – DSE2A, DSE2B, DSE 3A, MSPY306 -DSE3, DSE5, DSE1, MSPY 406)
10	SKINFOLD CALIPER, ISAK APPROVED - /Each	(HARPENDINE) SWISS MADE	1	42000	For PG practical classes on somatotype assessment for Sports, Exercise Physiology and Ergonomics and for nutritional status assessment studies (Vide paper – DSE2A, DSE2B, DSE3A, MSPY306-DSE3, DSE5, MSPY406)
11	LCD PROJECTOR	EPSON	1	107000	For Smart class using ICT methods and projector-based teaching

CHEMICALS: EMERCK (INDIA/GERMANY); SRL; HIGH MEDIA; QUALIGENCY; NICE:LOBA

Glass Goods : BOROSIL ; DURAN (GERMANY); WEST CO; BOROSILATED GLASS.TARSON,ABOS.

CHEMICALS AND GLASS GOODS WILL BE PURCHASED ON DISCOUNT BASIS OF THE CURRENT PRICE LIST (2022-23)

RATES OF Equipments, Furnitures and Specimens should be quoted including the VAT and GST.

REAGENT KITS

1. Kit for serum sodium
2. Serum potassium
3. Serum SGOT

PHYSIOLOGY

4. Serum SGPT
5. Serum GGT
6. Serum bilirubin
7. Salivary testosterone
8. Salivary BNF
9. Serum c- reactive protein
10. Serum calcium
11. ELISA kit for estradiol
12. ELISA kit for ANA,BDNF
13. ELISA kit for TNF
14. ELISA kit for IL 1 and IL 6
15. Serum alkaline phosphatase
16. Serum Creatinine
17. Blood group
18. Oxidative stress: Estimation of serum catalase, SOD, ROS, MDA, TBARS KIT
19. leptin, LH, FSH, Oestrogen, Testosterone, Cortisol, AMH, GSH. KIT
20. LDH
21. Lactate

FURNITURES

1. Steel Almirah with five selves (6x2x3)
2. Rack for Attendance Register (5 selves)
3. Wooden Almirah with covering glass having 6 selves made of wood (6x4x2)

RATES OF Equipments, Furnitures and Specimens should be quoted including the VAT and GST.

REQUIREMENT FOR DEPARTMENT OF ZOOLOGY

- A). Equipments:
- 1). CO₂ incubator with all accessories + N₂ can of 22 Litres and an Inverted Microscope
 - 2). ELISA READER
 - 3). - 20°C and -80°C Refrigerator/ Fridge
 - 4). Microscope with LED light fitted for chromosome study
 - 5). Remi centrifuge with 8 tubes
 - 6). pH Meter (Systronics)
- B). Chemicals: MERCK (India) – Rate Contract only
- C). Glass Goods: Borosil – Rate Contract only
- D). Museum Specimens – Rate Contract only
- E). Live Specimens – Rate Contract only



OFFICE OF THE PRINCIPAL
HOOGHLY MOHSIN COLLEGE

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Annexure-2

Sl. No.	Items	Vendors with Specifications
22	Name Plate for Botanical Plants & other name plates	Reputed firms / agencies/Cooperative Societies shall submit the rate chart and L1 Bidder shall be considered for placement of order as per requirement.
23	Income Tax related works and G.S.T works	Reputed firms / agencies/Cooperative Societies shall submit the rate chart and L1 Bidder shall be considered for placement of order as per requirement.
24.	Uninterrupted Maintenance of College Website and for "Uninterrupted Online Under Graduate Admission both for Honours & General Program, 2022-23"	Reputed firms / agencies/Cooperative Societies shall submit the rate chart and L1 Bidder shall be considered for placement of order as per requirement.
25.	Contingency Goods: Treasury Register, Students' Attendance Register, Printing and Binding of Fees Book, Bill Books, Certificate Books, Cash Books etc. A4 Paper, Cloth Duster, Four Fold Cover File, Big Lock, Medium Lock, Small Lock, Bucket (Plastic),Mug, Permanent marker, White Board Marker, Ordinary pens, pencil, rubber, cello tape, F.S. Paper, D.F.S paper, stamp pad, Stamp pad ink, Staplers, Stapler Pin, Big Stapler, Phenyl, Murriatic Acid,Phool Jharu,Kathi Jharu,Jhool Jharu,FS Dista Paper,Big Towel,Hand Towel, Fevisticks,Feather Duster,Rubber and / Guarder,Bound Register (Different Sizes),Board File, 88A Toner (Compatible),Epson Toner,HP Tank 315 Ink Black GT53XL, HP Tank 315 Ink Yellow GT52,12A Compatatible Toner,HP CP1025 Toner (CE310A) Black,HP CP1025 Toner (CE311A) Cyan,HP CP1025 Toner (CE311A) Yellow,HP CP1025 Toner (CE311A) Magmeta, Student Identity Card, Canon Xerox Toner NPG-28, Ricoh Toner 1230D, Battery for wall clock, Umbrella, Charger Torch, Key Bag, Cash Bag, Dresses / Livery, Waste paper bag, Flower Saplings for garden, Sharpener, Bond paper, Pan brush for toilet, Vim Powder, Markin, Cloths, Match Boxes, Wax, Lax (Gala), Cloth Envelop Large, Paper Envelop A4 Size, Paper Envelop Normal Size, Paper Envelop Big Size, Punching Machine, Colour Clips, Board Pin ,Gum, Thread Ball, Student Library Card, Student Library Registration Slip, Student Library Card Jacket, Antivirus Quickheal 3year 4user,Candle Stick, Big, Knife Good Quality, Scissors Good Quality ,Lifeboy Soap 100gm, Napthalene Balls, Bleaching Powder, Paper Weight, Black Board Duster, Colour Chalk, White Chalk, Harpic, Cd, Dvd, Pen Drive(32 Gb), External Hard DISK (1 TB),First Aid Box, Sports Goods and any other articles as required for office purpose.	Reputed firms / agencies/Cooperative Societies shall submit the rate chart and L1 Bidder shall be considered for placement of order as per requirement.


Principal
HOOGHLY MOHSIN COLLEGE