



Chowgule Education Society's  
**PARVATIBAI CHOWGULE**



**COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**



**GOGOL, MARGAO - GOA 403 602**

## **TENDER NOTICE No. I / 2023 - 2024**

Tenders are invited from bonafide manufacturers or their authorised agents and other reputed firms for the supply of items under following heads:-

1. Glasswares / Equipments / Chemicals for Laboratories.
2. Sports Items.
3. Stationery including Computer Stationery & other Articles.
4. Furniture.
5. Repairs and Maintenance (Annual).

Tender forms giving details of the requirements and conditions thereof can be taken from the College Office on cash payment of Rs. 500/- per set, during the office working hours i.e. Monday to Friday from 9.00 a.m. and 4.00 p.m.

Last date to receive tenders: **Monday, 22nd May, 2023  
till 12.00 noon.**

Tender Opening: **Monday, 22nd May, 2023 at 3.00 p.m.**  
Please log on to our website: [www.chowgules.ac.in](http://www.chowgules.ac.in) to view tender requirements of the College.

**06.05.2023**

**OFFG. PRINCIPAL**



Parvatibai Chowgule College of Arts and Science  
Autonomous

Accredited by NAAC with Grade 'A' (CGPA Score 3.41 on a 4 Point Scale )  
Best affiliated College-Goa University Silver Jubilee Year Award

## **TENDER NOTICE NO -I / 2023-24**

**Last date to receive Tender : Monday, 22<sup>nd</sup> May, 2023 till 12.00 noon**

**Tender Opening : Monday, 22<sup>nd</sup> May, 2023 at 3:00 p.m.**

P.O. Fatorda, Gogol, Margao, Goa. Phone No. 0832-2722222, Email : [principal@chowgules.ac.in](mailto:principal@chowgules.ac.in)

GLASSWARES/  
EQUIPMENTS/  
CHEMICALS FOR  
LABORATORIES

**DEPARTMENT OF BIOCHEMISTRY**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 - 2024**

**CHEMICALS**

Kindly submit the catalogues of below mentioned make for the supply of chemicals to the Biochemistry department of our college.

**SR.No.        MAKE**

1. THOMAS BAKER
2. S.D. FINE
3. HI MEDIA
4. GENEI
5. GLAXO
6. QUALIGEN
7. MERCK
8. SRL
9. LOBA

**Specific Chemicals**

1. Phenol red
2. Sodium Dihydrogen phosphate
3. Tris buffer
4. Iodine
5. Acetone 2.5ltr
6. Potato dextrose Agar
7. Potato dextrose broth-
8. Manganous sulphate
9. Potassium Iodide
10. Sucrose
11. Cholesterol
12. Calcium chloride
13. MRS media
14. Spirit
15. Absolute ethanol
16. Potassium Phosphate
17. Sabauraud dextrose broth
18. Ortho phosphoric acid
19. Giemsa stain
20. Lactophenol cotton blue
21. Pine oil
22. Antibiotics
23. Nutrient Agar
24. Sulphuric Acid 2.5ltr

25. Petroleum ether 500ml
26. N-Hexane-500ml
27. Chloroform-1ltr
28. Butanol- 500ml

**NOTE:**

Kindly mention the discount & taxes applicable for the above requirements.

**GLASSWARES**

Kindly submit the catalogues of below mentioned make for the supply of Glassware to the Biochemistry department of our college.

<b>SR.No.</b>	<b>MAKE</b>
1.	BOROSIL
2.	J SIL
3.	MERCK
4.	LOBA
5.	TARSONS

**Glasswares:**

1. Wintrobe tubes with stand
2. Pasture pipettes
3. Conical flask- 50ml, 150ml, 250ml, 500ml, 1000ml
4. Beakers:- 50ml, 150ml, 250ml, 500ml, 1000ml
5. L shaped spreaders
6. Separating funnel
7. Haemocytometer
8. Blood diluting pipettes (RBC & WBC)
9. Petriplates
10. Reagent Bottles
11. Cover slips
12. Slides
13. Durham tubes
14. Centrifuge Tubes (50ml &15ml)
15. Permanent Slides

**NOTE:** Kindly mention the discount & taxes applicable for the above requirements.

**DEPARTMENT OF BIOCHEMISTRY**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 – 2024**

**APPARATUS (OTHER ITEMS)**

Teaching Kits:

Gemonic DNA extraction kit

Transformaton kit

Restriction digestion kit

Plasmid Isolation kit

API stripes (fermentation and nitrogen)

Immunoelectrophoresis kit

Others:

Syringe filter (0.22 micron)

Pipette pumps

Plastic centrifuge tubes

Butter papers

Filter papers (Blotting papers)

Inoculation loops (2)

Autoclavable bags

Whatmann filter paper

Tissue rolls

Microscope oil

**EQUIPMENTS**

1. Single beam UV-Visible Spectrophotometer

**DEPARTMENT OF BIOTECHNOLOGY**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 - 2024**

**CHEMICALS**

Kindly submit the catalogues of below mentioned make for the supply of chemicals to the Biotechnology department of our college.

<b>SR.No.</b>	<b>MAKE</b>
1.	THOMAS BAKER
2.	S.D. FINE
3.	HI MEDIA
4.	GENEI
5.	GLAXO
6.	QUALIGEN
7.	MERCK
8.	SRL
9.	LOBA

**SPECIFIC CHEMICALS**

- 1) Agarose, High melting or High EEO (Molecular biology grade) (Make - Hi Media/SRL technologies)
- 2) Lactose broth
- 3) Nutrient broth
- 4) Agar powder
- 5) Luria Bertani broth
- 6) Simmons citrate agar
- 7) Potassium Iodide
- 8) Manganese sulphate
- 9) Giemsa stain
- 10) Leishman stain
- 11) Diethyl ether
- 12) TEMED
- 13) Trypsin EDTA 1X solution (0.25% trypsin, 0.02% EDTA, without Calcium, magnesium and phenol red)[Make -Hi Media]
- 14) Fetal Bovine Serum, Research grade, sterile filtered,10x50ml (Make -Hi Media)
- 15) Dulbeccos's Modified Eagle's Medium(DMEM), High Glucose,without L-glutamine (Make -Hi Media)
- 16) Dulbeccos's Phosphate Buffered saline 10X and 1X(Make -Hi Media)
- 17) Dulbeccos's Phosphate Buffered saline (without phenol red, calcium and magnesium),10X (Make -Hi Media)
- 18) Dulbeccos's Phosphate Buffered saline (without phenol red, calcium and magnesium),1X (Make -Hi Media)
- 19) RPMI-1640 media, with sodium pyruvate, L-glutamine, glucose, sodium bicarbonate, without HEPES buffer, 5x100 ml (Make-Hi Media)
- 20) RPMI-1640 media, with sodium pyruvate, L-glutamine, glucose, HEPES buffer and sodium bicarbonate, 500 ml (Make-Hi Media)

- 21) RPMI-1640 media, with sodium bicarbonate and L-glutamine, 5x100 ml  
(Make-Hi Media)
- 22) Antibiotic antimycotic solution 100X liquid (Make – Hi Media)
- 23) Absolute Ethanol(99.9%)
- 24) Colcemid (Make-Hi Media)
- 25) Sodium thiosulphate
- 26) Concentrated sulphuric acid
- 27) Potassium dichromate
- 28) Crystal violet stain
- 29) Resazurin dye
- 30) Methylene blue stain
- 31) Disodium-p-nitrophenyl phosphate
- 32) Sodium benzoate
- 33) Phenol red indicator
- 34) Dialysis tube/membrane
- 35) Sucrose
- 36) Diethyl ether
- 37) Sodium bicarbonate
- 38) Potassium Phosphate
- 39) Orthophosphoric acid
- 40) Iso-propanol
- 41) Peptone powder
- 42) Beef extract powder
- 43) Xylene
- 44) Clinical Spirit
- 45) 100 bp DNA Ladder (Make: Hi media)
- 46) Pre-stained protein ladder (Make: Hi media)
- 47) Agarose special, High EEO (Make: Hi media)
- 48) Agarose -molecular biology grade (Make: Hi media)
- 49) Ethidium bromide
- 50) Temed
- 51) Acrylamide/Bis-acrylamide solution 30%
- 52) Sucrose
- 53) Glycerol
- 54) Xylene Cyanol
- 55) Bromophenol blue
- 56) Dialysis mmbrane LA387-5MT (Make: Hi media)
- 57) DNA sodium salt RM511 5GM (Make: Hi media)
- 58) RNA RM441 10G (Make: Hi media)
- 59) Pure ethanol
- 60) Plant Genomic DNA extraction kit
- 61) Blood or animal tissue DNA extraction
- 62) DNSA
- 63) DNA

**DEPARTMENT OF BIOTECHNOLOGY**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 - 2024**

**KITS**

- Double immune diffusion for antigen antibody pattern
- Double immune diffusion for Antibody Titration
- Immuno-electrophoresis
- Dot-ELISA
- WIDAL Test
- Transformation Teaching Kit
- Plasmid DNA isolation (boiling & Alkaline lysis)
- Southern Blotting Kit

**NOTE:**

Kindly mention the discount & taxes applicable for the above requirements.

**GLASSWARES**

Kindly submit the catalogues of below mentioned make for the supply of Glassware to the Biotechnology department of our college.

<b>SR.No.</b>	<b>MAKE</b>
1.	BOROSIL
2.	J SIL
3.	MERCK
4.	LOBA
5.	TARSONS

**SPECIFIC GLASSWARE**

- 1) Conical flask-- narrow mouth with rim--Capacity-25 ml,50ml, 100ml, 250ml,500 ml,1000ml
- 2) Beakers – Capacity-50ml, 100ml, 250ml,500 ml,1000 ml
- 3) Glass L-shaped spreaders(number required-10)
- 4) Reagent bottle (Amber) narrow mouth with screw cap--100ml, 250ml,500ml
- 5) Reagent bottles narrow mouth with screw cap-- 100ml, 250ml,500ml
- 6) Glass filter funnel 75mm
- 7) Glass Petriplates 90mm
- 8) Boropure glass filtration assembly, 47mm,with bottle (Make-Borosil)
- 9) BOD bottles(amber)--125ml,300 ml
- 10) Microscope glass slides(packing 50)
- 11) Neubour Chamber

**NOTE:**

Kindly mention the discount & taxes applicable for the above requirements.

**DEPARTMENT OF BIOTECHNOLOGY**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 - 2024**

**PLASTICWARE, CONSUMABLES AND APPARATUS (OTHER ITEMS)**

(KINDLY MENTION THE MAKE AND SPECIFICATION OF THE APPARATUS IF ANY)

<b>SR.No.</b>	<b>MAKE</b>
1.	TARSONS
2.	HI MEDIA
3.	J SIL
4.	MERCK
5.	LOBA
6.	BOROSIL
7.	BIOLIT
8.	BIOERA

**SPECIFIC PLASTICWARE, CONSUMABLES AND APPARATUS**

- 1) Micropipettes of different ranges- (Make--Borosil, Himedia, Biolit, Tarsons, Bioera)
- 2) 0.45 um membrane filter for vacuum filtration unit (Make – Merck/ Tarsons)
- 3) 0.2-10uL microtips (Make – Tarson)
- 4) 10-100uL microtips (Make – Tarson)
- 5) Conical centrifuge tube rack (for 50 ml and 15 ml tubes) (Make – Tarson)
- 6) Universal combi rack (Make tarsons)
- 7) Cryo cube box (Make – Tarson)
- 8) 96-well tissue culture plates, sterile, 0.3 cm<sup>2</sup>, surface treated, packing-50 (make-Hi Media/ Tarsons/NEST)
- 9) 24-well tissue culture plates, sterile, 1.9 cm<sup>2</sup>, surface treated, packing-50 (make-Hi Media/ Tarsons/NEST)
- 10) Tissue culture flask -surface treated with vented filter cap sterile, Size 25 cm<sup>2</sup>. Packing-200 (Make – Hi media/ Tarsons/NEST)
- 11) Dialysis membrane-50, 1MT (Make – Hi-media)
- 12) Syringe driven filters, Size-0.22 um (Make – Hi media)
- 13) Syringe driven filters, Size-0.45 um (Make – Hi media)
- 14) Cellulose acetate membrane filters: 47mm, Sterile, Pore Size-0.45 um and 0.22um, Packing -100 (Make – Hi media)
- 15) PVDF hydrophilic membrane filters: 47mm, Sterile, Pore Size-0.45 um and 0.22um, Packing -100 (Make – Hi media)
- 16) PES membrane filters: 47mm, Sterile, Pore Size-0.45 um and 0.22um, Packing -100 (Make – Hi media)
- 17) Cellulose nitrate membrane filters: 47mm, Sterile, Pore Size-0.45 um and 0.22um, Packing -100 (Make – Hi media)
- 18) Cellulose nitrate membrane filter, non-sterile, Pore Size-0.45 um and 0.22um, Packing -100 (Make – Borosil)

- 19) Nylon 66 membrane filter, non-sterile, Pore Size-0.45  $\mu$ m and 0.22 $\mu$ m, Packing -100 (Make – Borosil)
- 20) Whatmann filter paper, 125mm (Make – Tarson/ Hi media)
- 21) Autoclavable biohazard bags (Make-Tarsons/Hi media)
- 22) Lancets
- 23) Cover slips or Cover glass
- 24) Coverslips for Neubaeurchamber.hemocytometer (Make:Borosil/Tarsons)
- 25) Glass Slides (Make :Borosil)
- 26) pH test strips (pH Range 1-14) (Merck/ Tarsons)
- 27) Muslin cloth
- 28) Butter paper
- 29) Filter papers (Blotting papers)
- 30) Safeskin nitrile gloves , 9.5" length (Make- Tarsons)
- 31) Surgical masks
- 32) Inoculation loops (Number required-10) (Make – Tarson)
- 33) Blood diluting tubes or RBC/WBC diluting tubes (Make-Borosil)
- 34) Durhams tubes (Make- Borosil)
- 35) Polygon Magnetic stirrer bar, Size 8x22mm (Make – Tarson)
- 36) Vacuum filtration unit with 47mm filter holder (Make :Tarson)
- 37) Vacuum Filtration assembly 47mm, polypropylene (autoclavable) (Make-Hi media)
- 38) Membrane filter holder -47mm, capacity upper and lower chamber 500ml each (Make-Tarson)
- 39) Pipette aid for 10 ml and 25 ml glass pipettes(make -Tarsons)
- 40) Double immune diffusion for antigen antibody pattern kit(Make-Hi media)
- 41) Dot ELISA kit (Make-Hi media)
- 42) Transformation kit (Make-Hi media)
- 43) Plasmid DNA isolation kit (Make-Hi media)
- 44) WIDAL TEST kit (Make-Hi media)
- 45) Blood grouping kit (Make-Hi media)
- 46) Northern blotting kit(Make-Hi media)
- 47) Western blotting kit(Make-Hi media)
- 48) Southern blotting kit(Make-Hi media)
- 49) SDS PAGE kit (Make -Hi Media)
- 50) Total RNA extraction teaching kit (Make: Hi media)
- 51) Bacterial genomic DNA extraction kit (Make: Hi media)
- 52) Centrifuge Tube Box –Capacity – 15 ml (Make: Tarsons/Code: 202090)
- 53) Centrifuge Tube Box –Capacity – 50 ml (Make: Tarsons/Code: 202100)
- 54) Universal Combi Rack (Make:Tarson/Code:202080)
- 55) Test Tube Stand (Make:Tarsons/Code:202050)
- 56) UNIVERSAL MICRO TIP BOX - TARSONS TIPS  
(Make:Tarsons/Code:524059/Places:96/Capacity:200-1000ul)
- 57) UNIVERSAL MICRO TIP BOX - TARSONS TIPS (Make:Tarsons/Code: 524053/Places:96/Capacity: 2 – 200ul)

- 58) UNIVERSAL MICRO TIP BOX - TARSONS TIPS (Make:Tarsons/Code: 524052/Places:96/Capacity: 0.2-10ul)
- 59) Macrotip box (Capacity- 5ml) (Make – Tarson/Gilson)
- 60) CRYOCHILL-TM 1°C Cooler (Make:Tarsons/Code: 525000)
- 61) Conical Centrifuge Tube Rack (Make:Tarson/Code: 241080)
- 62) Screw Cap Centrifuge Tube Round Bottom -- Capacity:10ml (Make:Tarson/Code:541020)
- 63) Screw Cap Centrifuge Tube Round Bottom -- Capacity:30ml (Make:Tarson/Code:541030)
- 64) Screw Cap Centrifuge Tube Round Bottom -- Capacity: 50 ml (Make:Tarson/Code:541040)
- 65) Screw Cap Centrifuge Tube Round Bottom -- Capacity:70ml (Make:Tarson/Code:541050)
- 66) Micro Centrifuge Tube - Capacity:1.5ml (make: Tarson/Code: 500010)
- 67) Micro Centrifuge Tube - Capacity:2.0ml (make: Tarson/Code: 500020)
- 68) MICRO TIPS --Capacity:2-200µl(Yellow)/ (make: Tarson/Code:521010Y)
- 69) MICRO TIPS -- Capacity:200-1000µl(blue)/ (make: Tarson/ Code:521020B)
- 70) Spinwin Centrifuge tube conical bottom- Capacity:15ml (sterile) (make: Tarson/Code: 546021)
- 71) Spinwin Centrifuge tube conical bottom- Capacity:50ml (sterile)(make: Tarson/Code: 546041)
- 72) Self-standing Centrifuge Tube - Capacity:50 ml (sterile) (make: Tarson/Code: 546043)
- 73) Parafilm (Make: tarson)
- 74) Permanent Slides

**DEPARTMENT OF BIOTECHNOLOGY**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 – 2024**

**EQUIPMENTS (KINDLY MENTION THE MAKE AND SPECIFICATION OF THE EQUIPMENT)**

<b>SR.No.</b>	<b>MAKE</b>
1.	LABTOP
2.	MICROFILT
3.	BIONICS SCIENTIFIC TECHNOLOGIES
4.	MICROLAB
5.	BIOLINE INDIA
6.	THERMOFISHER SCIENTIFIC
7.	STERICOX
8.	TARSONS
9.	BIOLIT
10.	BIOERA
11.	THOMAS SCIENTIFIC

**SPECIFIC EQUIPMENT**

- 1) Biosafety cabinet –Class II, Type A1,A2 –4'x2' (Make – Microfilt/Labtop)
- 2) Laminar Air Flow -Vertical –Size: 4' x 2' x 2(Make-Labtop/ Microfilt)
- 3) Laminar Air Flow - Horizontal –Size: 4' x 2' x 2 (Make-Labtop/Microfilt)
- 4) Laminar Air Flow -Vertical –Size: 6' x 2' x 2(Make-Labtop/Microfilt)
- 5) Laminar Air Flow - Horizontal –Size: 6' x 2' x 2(Make-Labtop/Microfilt)
- 6) Horizontal laboratory Deep Freezer -- Temperature range (-50°C) to (-86°C) – Size: 185 litre capacity (Make –Bionics scientific technologies)
- 7) Vertical Ultra low temperature Freezer -Temperature range (-50°C) to (-86°C)--Size: 84 litre capacity (Make –Bionics scientific technologies)
- 8) -80°C Ultra low temperature benchtop freezer--Size: 28 litre capacity (Make – Thermofisher scientific)
- 9) -80°C Ultra low temperature chest freezer--Size: 85 litre capacity(Make – Thermofisher scientific)
- 10) Biofreezer- 90 Liter (-20°C) to (-40°C) [Make-Labtop]Ultra Low Vertical Biofreezer--Size: 90 L capacity (-40°C) to (-80°C) [Make – Labtop]
- 11) Minus 80 Degree Deep Freezer --Size:100 L capacity[Make – Stericox]
- 12) Ultra Low Temperature Freezer – Size:100 L capacity ( -40 °C to –80 °C) [Make – Stericox]
- 13) Analytical Weighing balance, Min-2mg and Max-220g (Make : Hi media/ Labtop/Citizon)
- 14) High Speed Research centrifuge,Max speed:20000 rpm (Make : Labtop)
- 15) Magnetic stirrers , Size 10X10 cm or 18x18 cm (number required-3) (Make: Tarsons/ Labtop/Borosil)
- 16) Basic series Magnetic stirrer (Size: 120mm)(Make-Hi Media/Borosil)

17) Basic hotplate stirrer (Size: 140mm) (Make-Hi Media/Borosil)

18) ELISA microplate reader (Make:MicroLab/Bioline India/ Agilent technologies/ThermoFisher scientific)

19) Spinix vortex shaker with speed control(Make-Tarson)

20) **Variable Micropipettes**

- Micropipette Variable Volume Range 5 – 50 $\mu$ l (Make-biolit/tarsons)
- MicroPipette Variable Volume Range 20 – 200 $\mu$ l(Make-biolit/tarsons)
- MicroPipette Variable Volume Range 10 – 100 $\mu$ l ((Make-biolit/tarsons)
- MicroPipette Variable Volume Range 1 – 10 $\mu$ l (Make-biolit/tarsons)

**DEPARTMENT OF BOTANY**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 - 2024**

**CHEMICALS/KITS**

Kindly submit the catalogues of below mentioned make for the supply of chemicals/kits to the Botany department of our college.

<b>SR.No.</b>	<b>MAKE</b>
1.	THOMAS BAKER
2.	S.D. FINE
3.	HI MEDIA
4.	GENEI
5.	GLAXO
6.	QUALIGEN
7.	MERCK
8.	SRL

**NOTE:**

Kindly mention the discount & taxes applicable for the above requirements.

**GLASSWARES**

Kindly submit the catalogues of below mentioned make for the supply of Glassware to the Botany department of our college.

<b>SR.No.</b>	<b>MAKE</b>
1.	BOROSIL
2.	J SIL
3.	MERCK
4.	LOBA

**NOTE:**

Kindly mention the discount & taxes applicable for the above

**DEPARTMENT OF BOTANY**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 - 2024**

**EQUIPMENTS**

(Kindly mention the make and specification of the equipment)

<b>Sr.no.</b>	<b>Name of the Item</b>
1.	Analytical Balance
2.	Binocular microscope
3.	Compound microscopes
4.	Flame Photometer
5.	Growth Chamber
6.	Heating mantle
7.	Lux meter
8.	Printer
9.	Reflectometer
10.	Rotary shaking temperature control Incubator
11.	UV Spectrophotometer
12.	Water distillation unit

**NOTE:**

Kindly mention the discount & taxes applicable for the above requirements.

**SPECIAL ITEMS**

<b>Sr.no.</b>	<b>Name of the Item</b>
1.	Penicillium (preserved)
2.	Polysiphonia
3.	Albugo
4.	Puccinia
5.	Vermiculite
6.	Cocopit
7.	Permanent slides

**NOTE:**

(Kindly mention the make and specification of the above item if any)

**DEPARTMENT OF BOTANY**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 - 2024**

**APPARATUS (OTHER ITEMS)**

(Kindly mention the make and specification of the apparatus if any)

1.	Absorbent cotton
2.	Aluminium foil
3.	Aluminium trays
4.	Asbestos gloves/Cotton gloves
5.	Autoclavable bags
6.	Burette stand
7.	Capillary tubing's
8.	Carboy (10 Ltrs.)
9.	Clinging film
10.	Cocopeat
11.	Cork borers
12.	Cover slips (big size)
13.	Droppers (Glass/Plastic)
14.	Filter papers (Blotting papers)
15.	Forceps (Pointed and Blunt)
16.	Glass cuvettes(for spectrophotometer)
17.	Glass rods
18.	Grafting Knife
19.	Grafting tape
20.	Haemocytometer
21.	Inoculation loops
22.	Inoculation needle
23.	Magnetic stir bars
24.	Micropipettes of different ranges
25.	Mortar & Pestle
26.	Non absorbent cotton
27.	Ocular meter
28.	Pair of tongs
29.	Parafilm
30.	PCR kit
31.	pH papers
32.	Plastic trays
33.	Pointer eye piece
34.	Scalpel blades
35.	Scalpel holders
36.	Sieves with mesh size (37µm, 45 µm, 75 µm, 106 µm, 150 µm, 250 µm)
37.	Slides
38.	Stage micrometer
39.	Surgical gloves
40.	Surgical masks
41.	TLC jars (chromatography chamber)
42.	Tripod stand
43.	Water can
44.	Water sprayer
45.	Whatmann Filter paper No.1

**DEPARTMENT OF CHEMISTRY**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 – 2024**

1. Unless otherwise stated, all chemicals should be of laboratory reagent (L.R.) grade.
2. Tenderers should specify the brand of chemicals . Preference will be given to the brand like Loba, S.d.fine, Thomas Baker.
3. Rates should be quoted after giving all types of discounts.
4. Quantities indicated are subject to change without notice.
5. Clarification, if any, can be had from the Head of Chemistry Department.

**A. Organic Chemicals:**

Sr. No.	Item	Brand	Rate	Per	Qty. Required
1	Acetic acid				1 x 2.5L
2	Acetone				4 x 2.5L
3	Acetyl Acetone				2 x 500ml
4	Acid Slurry				2 x 500ml
5	2-Amino Phenol				1 x 100g
6	p- Amino Phenol				2 x 250g
7	Benzil				4 x 250g
8	Benzoic aid				2 x 500g
9	Benzimidazole				1 x 500g
10	Benzyl Alcohol				1 x 500ml
11	n-Butyl Alcohol				2 x 500ml
12	Chloroform				4 x 500ml
13	N-Cetyl N,N,N-Trimethyl Ammonium Bromide				1 x 100g
14	Chlorobenzene				2 x 500ml
15	Cinnamyl Alcohol				2 x 500ml

**A. Organic Chemicals:**

<b>Sr. No.</b>	<b>Item</b>	<b>Brand</b>	<b>Rate</b>	<b>Per</b>	<b>Qty. Required</b>
16	1,2-Dichloroethane (Ethylene Chloride)				4 x 500ml
17	Dichloromethane				2 x 500ml
18	Dimethyl Glyoxime (DMG)				4 x 250g
19	Diethyl ether				2 x 500ml
20	Ethyl Alcohol				40 litre
21	Ethyl acetate				1 x 500ml
22	Ethylenediamine				2 x 500ml
23	Hydroxylamine Hydrochloride				4 x 100g
24	Imidazole				1 x 500g
25	Litmus Paper				6 pkts
26	Methyl Alcohol				10 x 500ml
27	Methyl Acetate				2 x 2.5litre
28	o-Methoxy Phenol				1 x 100g
29	Methyl Iodide				2 x 100ml
30	Nitrobenzene				1 x 500ml
31	Oxalic Acid				2 x 500g
32	Paraffin liquid (light)				2 x 500ml
33	Petroleum Ether 40c - 60c				2 x 500ml
34	o-Phenylene diamine				2 x 250g
35	Pine oil				1 x500ml
36	Pine oil Emulsifier				1 x 500ml
37	Iso-Propyl Alcohol				2 x 500ml
38	Pyridine				1 x 500ml
39	Terpine Oil				2 x100ml
40	Thiamine Hydrochloride				2 x10g
41	Turkey Red Oil				2 x500ml
42	Triphenyl Phosphine				2 x 250g
43	Toluene				4 x 500ml

**DEPARTMENT OF CHEMISTRY**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 – 2024**

**B .Inorganic Chemicals:**

Sr. No.	Item	Brand	Rate	Per	Qty. Required
1	Ammonia (liquor)				4 x 2.5L
2	Ammonium Chloride				2 x 500g
3	Buffer tablet 4				4 x 10 tab
4	Cobalt chloride				2 x 500g
5	Cobalt Sulphate				1 x 500g
6	Ferrous Sulphate				1 x 500g
7	Ferrous Sulphide				1 x 1kg
8	Fremy's Salt				1 x 10g
9	Hydrochloric acid				6 x 2.5L
10	Iodine mono chloride				2 x 100g
11	Indian filter paper ordinary				1 reams
12	Whatman filter Paper No.1 Ream sheets				100 nos
13	Whatman filter PaperNo.1 circles 12.5cm				2 pkts
14	Whatman filter PaperNo.41 circles 12.5cm				2 pkts
15	Whatman filter PaperNo.42 circles 11.5cm				1 pkt
16	Narrow range pH Papers (range 1 to 14)				4 pkts
17	Nitric Acid				2 x 2.5litre
18	Nickel chloride				1 x 500g
19	Palladium Chloride				1 x 5g
20	Potassium Iodide				1 x 500g
21	Potassium Hydrogen Pthalate				2 x 500g
22	Sodium Acetate (trihydrate)				2 x 500g
23	Sodium Acetate ( Anhydrous)				2 x 500g
24	Sodium Hydroxide (Pellets)				8 x 500g
25	Sodium Hypophosphite				1 x 500g
26	Sodium Metal				1 x 250g
27	Sodium Bicarbonate				2 x 500g
28	Stannous Chloride				1 x100g
29	Sulphuric Acid				2 x 2.5litre
30	Zinc Metal plates				20 nos
31	Tin plates size 20cm x 10cm (1mm thick)				20 nos
32	Aluminium Plates size 20cm x 10cm (1mm thick)				20 nos
33	Iron plates size 20cm x 10cm (1mm thick)				20 nos

**DEPARTMENT OF CHEMISTRY**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 – 2024**

**B. Glassware & Sundry Items**

Sr. No.	Item	Rate	Per	Qty. Required
1	Beaker 50ml borosil glass			20 nos
2	Beaker 100ml borosil glass			30 nos
3	Beaker 150ml borosil glass			60 nos
4	Beaker 250ml borosil glass			20 nos
5	Beaker 500ml borosil glass			20 nos
6	Burettes with boroflow screw thread 25 x 0.1m l class B borosil glass.			20 nos
7	Burettes with boroflow screw thread 50 x 0.1m l class B borosil glass.			20 nos
8	Bunsen burner for use with L.P.G.			12 nos
9	Bark cork no. 13			30 nos
10	Silica crucible capacity 15ml Brand Thiasil.			20 nos
11	Measuring Cylinder 5mL			10 nos
12	Measuring Cylinder 10mL			10nos
13	Measuring Cylinder capacity 100ml			5 nos
14	Flask Conical, Erlenmeyer borosil glass Capacity, 100ml			20 nos
15	Flask Conical , Erlenmeyer Borosil glass 250ml			20 nos
16	Flask Volumetric with stopper class Bborosil glass capacity 25ml			20 nos
17	Flask Volumetric with stopper class B borosil glass Capacity, 50ml			10 nos
18	Flask Volumetric with stopper class B borosil glass Capacity, 100ml			10 nos
19	Filter flask 500ml Borosil			10 nos
20	Round bottom flask 25ml with B-10 joints			30 nos
21	Hickman head with two B-joints			30 nos
22	Water condenser with two B-10 joints			30 nos
23	Funnel short stem 3" ( Borosilicate glass)			40 nos
24	Separating Funnel 125ml with Teflon corkBorosil glass			20 nos
25	Stalgmometer (straight type) Borosilicate or Jsil brand			20 nos
27	Viscometer, borosilicate glass			20 nos
28	Pipe-clay triangle in thick G.I. wire side 2"			60 nos

29	Pipettes with safety Bulb capacity 2ml Borosil glass			20 nos
30	Graduated pipette 10ml			10 nos
31	Graduated pipette 25ml			10 nos
32	Spoon Spatula 4"			20 nos
33	Test tube brush Nylon bristles semi micro			60 nos
34	Test tube holder			24 nos
35	Melting point capillaries Neutral glass One end sealed			20 pkts
36	Ignition tubes (fusion tubes),N.G. glass			10 pkts
37	Thermometer 0-350 c x1c			20 nos
38	Glass droppers 5"			50 nos
39	Plastic droppers 5"			50 nos
40	Buckner funnel 2" ( porcelain)			10 nos
41	Rubber teats for glass dropper			50 nos
42	Rubber cones for sintered glass crucible			10 nos
43	Rubber cork No.12			10 nos
44	Rubber tubings 8mm diam			10mtre
45	Rubraflex tubing 8mm diam			5 mtre
46	Wire Gauze with asbestos on both side			60 nos
47	Screw clips			20 nos
48	Magnetic pellets ( length 12mm)			10 nos
49	Magnetic Pellets ( length 24mm)			10 nos
50	Glass trough circular diameter 30cm depth/Height 15cm to 20cm, borosilicate or Neutral glass			02 Nos
51	2 Neck round bottom flask (B-19) capacity100ml borosil glass.			05 nos
52	2 Neck round bottom flask (B-19) capacity250ml borosil glass.			05 nos
53	3 Neck round bottom flask (B-19) capacity100ml borosil glass.			05 nos
54	3 Neck round bottom flask (B-19) capacity250ml borosil glass.			05 nos
55	Glass stoppers, borosil			10 nos
56	Receiver bent adapter with vaccum connection (B19) Borosil.			5 nos
57	Bent cone with stop cock B19, borosil			5 nos
58	Guard tubes (B19)			5 nos
59	Pressure equalizing cylindrical funnel with PTFE stopcock capacity 50ml			5 nos
60	Rubber air balloon			5 nos
61	Retort ring with boss head 4 inches			5 nos
62	Rubber septum (B19)			50 nos
63	Needle			10 nos
64	Syringe with needle 5ML			10 nos

65	Syringe with needle 10ML			10 nos
66	Glass Thermometer Pockets, short type, B-19/26 joints, Borosil.			5 nos
67	Adaptor Receiver B-19/26 joints, Borosil			5 Nos
68	Slopping plane Still Head , B-19/26 jointsBorosil.			5 Nos
69	Relative density Bottles (Pyknometer) With I/C PTEFE stopper, cap. 10ml			10 nos

**DEPARTMENT OF CHEMISTRY**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 – 2024**

**C- EQUIPMENTS**

Sr. No.	Items	Rate	Per	Qty. Required
1	Calomel Electrode			4 nos
2	Silver Electrode			2 nos
3	Platinum Electrode			2 nos
4	Chromium Electrode			2 nos
5	Nickel Electrode			2 nos
6	Incinerator (Electric Bunsen burner)			6nos
7	Electroplating Equipment for Laboratory purpose.			1 no.
8	Electro less plating bath			1 no.
9	Equipment for corrosion studies			1 no.
10	Double distilled water plant			1 no.
11	Refrigerator 300 litre			1 no.
12	Grade 'A' Grey colour Agate Mortar & pestle size 5"			1 no.
13	Digital Balance 0.01gm			1 no.
14	Acid Dispenser			1 no.
15	Conductivity meter,			2 nos
16	Water bath 6 holes			3 nos
17	Water bath 12 holes			3nos
18	Hot air Oven			1 no.
19	Polari meter, manual			2 nos
20	Filing Cabinets( wall Racks wooden)			6 nos
21	Paper Electrophoresis instrument			2 nos
22	Turbidity meter			2 nos
23	Electrophoresis setup for Cation Separation			2 nos
24	Electrophoresis setup for Protein Separation			2 nos
25	Platinum plates size 2 x 2cm			6 nos
26	6 volt Battery Setup			2 nos

**DEPARTMENT OF CHEMISTRY**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 - 2024**

**E- MISCELLANEOUS ITEMS**

<b>Sr.No.</b>	<b>Items</b>	<b>Rate</b>	<b>Per</b>	<b>Qty. Req.</b>
1	Hand wash liquid			10 litre
2	Gas Cylinder refilled			15 nos
3	Detergent powder			4 x 250g
4	Napkins			12 nos
5	Paint brush to clean balance			4 nos
6	Pen cell for wall clock			6 nos
7	Mask			16 nos
8	Hand gloves			7 nos
9	Jasmine Perfume			1 x100 ml
10	Nilgiri Oil			1 x 100 ml
11	Turmeric Powder			1 x 100 g
12	Red Chilli powder			1 x100 g
13	Vanaspati Ghee			1 x500 g
14	Edible oil			1 x 500 ml
15	Honey			1 x 50 g
16	Coffee powder			1 x 50 g
17	Soft drink limca			2 x 250 ml
18	Soft Drink Coca Cola			2 x 250 ml
19	Soft drink Fanta (orange)			2 x 250 ml
20	Soft drink, sprite			2 x250 ml
21	Fruit juices, Pineapple, Mango, Guava etc200ml each			200 ml each

**DEPARTMENT OF GEOLOGY**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 - 2024**

<b>SR. NO.</b>	<b>EQUIPMENT/ INSTRUMENT/ LAB. CONSUMABLES</b>	<b>QTY.</b>
1	Water and Soil Analysis Kit With LCD display covering measurement of pH, conductivity, turbidity, colorimeter, TDS, salinity	01 kit
2	Petrological Microscope	02 nos.
3	Theodolite	01 no.
4	Plane table	01 no.
5	Sledge Hammer	02 nos.
6	Smart TV	01 no.
7	Core boxes	05 nos.

**DEPARTMENT OF PHYSICS**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 - 2024**

**Equipments:**

<b>Sr.no</b>	<b>Name of the Equipment</b>	<b>Quantity</b>
1	Head Phones	2
2	Telescope fitted with gauss eye piece and cross wire mounted on the inner frame of Telescope(not graticule on eye piece )	2
3	Adjustable slit (self-centering)	4
4	Lamp and Scale Setup	2
5	Digital Stop Watches	6
6	Cathode Ray Oscilloscope	2
7	Signal Generators 100 MHZ	2
8	Oscilloscope Probes(BNC Connectors)	6
9	Multimeters for Measurements at High Frequency	2
10	Experimental setup for Poiseuilles method	2
11	Experimental setup for Constant volume air thermometer	2
12	Experimental setup for Constant pressure air thermometer	2
13	Experiment kit to study LVDT	1
14	Experiment kit to study Strain gauge	1
15	Constant current source	2
16	Vice Tool	1
17	Grating (Assorted Values for Balmer series)	4
18	Spectrometer	1

**Glassware:**

<b>Sr.no</b>	<b>Name of the Glassware</b>	<b>Quantity</b>
1	Glass Slides	6
2	Measuring Cylinder 100ml, 250ml)	6
3	Test tubes.	6
4	Beakers( 100ml, 250ml)	6
5	Desiccator	6

**Chemicals:-**

<b>Sr.no</b>	<b>Name of the chemicals</b>	<b>Quantity</b>
1	Acetone (AR).	4
2	Toulene (500ml).	4

**DEPARTMENT OF ZOOLOGY**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 - 2024**

**CHEMICALS**

Kindly submit the catalogues of below mentioned make for the supply of chemicals to the Zoology department of our college.

<b>SR.No.</b>	<b>MAKE</b>
1.	THOMAS BAKER
2.	S.D. FINE
3.	HI MEDIA
4.	GENEI
5.	GLAXO
6.	QUALIGEN
7.	MERCK
8.	SRL

**NOTE:**

Kindly mention the discount & taxes applicable for the above requirements.

**GLASSWARES**

Kindly submit the catalogues of below mentioned make for the supply of Glassware to the Zoology department of our college.

<b>SR.No.</b>	<b>MAKE</b>
1.	BOROSIL
2.	J SIL
3.	MERCK
4.	LOBA

**NOTE:**

Kindly mention the discount & taxes applicable for the above requirements.

**DEPARTMENT OF ZOOLOGY**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 - 2024**

**APPARATUS (OTHER ITEMS)**

(KINDLY MENTION THE MAKE AND SPECIFICATION OF THE APPARATUS IF ANY)

1. Haemocytometer
2. Micropipettes of different ranges
3. WBC pipettes
4. RBC pipettes
5. Cover slips
6. Slides
7. TLC jars (chromatography chamber)
8. Dropping bottles (60ml) with dropper
9. Pointer eye piece
10. pH papers
11. Butter papers
12. Filter papers (Blotting papers)
13. Mortar & Pestle
14. Inoculation loops
15. Capillary tubes
16. Test tube holders
17. TLC plates
18. Wire gauge
19. Surgical gloves
20. Surgical masks
21. Autoclavable bags
22. lancete
23. Cling paper
24. Whatman Filter papers
25. Permanent Slides
26. Spirit Lamp
27. Micro tips
28. Spatulas
29. Parafilm

**DEPARTMENT OF ZOOLOGY**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 - 2024**

**EQUIPMENTS** (KINDLY MENTION THE MAKE AND SPECIFICATION OF THE EQUIPMENT)

1. Binocular microscope
2. Dissection microscopes
3. Compound microscopes
4. Table Top pH meter
5. Hot air Oven
6. Refrigerator
7. Plant Growth Chamber
8. Analytical Balance
9. Spectrophotometer
10. Magnetic Stirrer
11. Vortex
12. Deep Freezer
13. Water distillation unit
14. Compass
15. Binoculars
16. Spotting Scopes
17. GPS devices
18. Camera traps
19. Conductivity Meter
20. Colorimeter
21. Microtomb
22. Dispenser

**DEPARTMENT OF GEOGRAPHY AND RESEARCH CENTER (UG- Aided)**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 - 2024**

**LAB EQUIPMENTS**

<b>SR.NO.</b>	<b>PARTICULARS</b>	<b>QUANTITY</b>
1.	Rotameters / Map Measurers	10 Nos.
2.	Air Quality Monitoring Devices	02 Nos.
3.	Dumpy Level	01 No
4.	Auto Level	01 No

**DEPARTMENT OF POST GRADUATE DIPLOMA IN CLINICAL GENETICS &  
MEDICAL LABORATORY TECHNIQUES (PGDCGMLT)**

**LIST OF REQUIREMENT FOR THE YEAR 2023 - 2024**

**CHEMICALS**

Kindly submit the catalogues of below mentioned make for the supply of chemicals to PGDCG&MLT section of our College.

<b>Sr. No.</b>	<b>Make</b>
1.	Thomas Baker
2.	Himedia
3.	S.D.Fine
4.	Genei
5.	Glaxo
6.	Gibco
7.	Merck
8.	SRL

Note: Kindly mentioned the discount & the taxes applicable for the above requirements.

**DEPARTMENT OF POST GRADUATE DIPLOMA IN CLINICAL GENETICS &  
MEDICAL LABORATORY TECHNIQUES (PGDCGMLT)**

**LIST OF REQUIREMENT FOR THE YEAR 2023 - 2024**

**LIST OF CHEMICALS:**

Kindly submit the catalogues of below mentioned make for the supply of chemicals to PGDCG&MLT section of our college.

Sr. No	Name of the chemicals	Product code	Make	Quantity
1.	Eryscreen ABO Rh Reagent 3 x 12 ml		Tulip	1 Kit (3 x 12 ml)
2.	Bovine albumin fraction -V-	GRM105	HiMedia	5 grams
3.	Buffer Capsule, pH 4.0	LA405-10No	HiMedia	10 No
4.	Buffer Capsule, pH 7.0	LA406-10No	HiMedia	10 No
5.	Buffer Capsule, pH 9.2	LA407-10No	HiMedia	10 No
6.	HM- X-Pert Blood Genomic DNA extraction Kit	HTBM006	HiMedia	1 Kit (10PR)
7.	Carbol Fuchsin	S005-125ml	HiMedia	125 ml
8.	Hm X-Pert DNA molecular size determination Kit	HTBM014	HiMedia	1 Kit (10 PR)
9.	MIS ethanol 2A		China	3000 ml
10.	Fetal bovine serum			
11.	H-M-N- Hydroxynaphthalamine	RM1733	HiMedia	5 grams
12.	Hydroxy naphthol blue indicator grade for Calcium determination	04140 00025	Loba Chemicals	25 grams
13.	Leishman stain solution	S018S-250 ml	HiMedia	250 ml
14.	Liquicelin E Combipack 2.5 ml	10631025	Tulip	1 Kit
15.	Methanol 99.8% HPLC Gradient grade	0199D 01000	Loba Chemicals	1000 ml
16.	Methanol 99.7% for UV Spectroscopy	00200 00500	Loba Chemicals	500 ml
17.	Nutrient agar 1.5%	M087-100G	HiMedia	100 grams
18.	Phytohaemagglutinin			
19.	Potato Dextrose agar, granulated	GM096-100G	HiMedia	100 grams
20.	Platelet diluting fluid			
21.	RPMI Media			

22.	Triolein, Hi-LR	RM1303-1G	HiMedia	1 grams
23.	Uric acid	064620002	Loba Chemicals	
24.	Xylene 99.5% AR	00371 00500	Loba Chemicals	500 ml
25.	Millipore membrane filters			1 box
26.	pH papers –			2 sets

Note: Kindly mentioned the discount & the taxes applicable for the above requirements.

### GLASSWARES & PLASTIC WARES

Kindly submit the catalogues of below mentioned make for the supply of GLASSWARES to PGDCG&MLT section of our College.

Sr. No.	Make
1.	Borosil
2.	Himedia
3.	Tarson

### LIST OF GLASSWARES

Sr. No	Name of the apparatus
1.	Beakers
2.	Measuring cylinder
3.	Plastic droppers
4.	Haemocytometer
5.	Petri dishes
6.	Pasteur pipettes
7.	RBC Pipettes
8.	WBC Pipettes
9.	Glass slides
10.	Test tubes

Note: Kindly mentioned the discount & the taxes applicable for the above requirements.

**DEPARTMENT OF POST GRADUATE DIPLOMA IN CLINICAL GENETICS &  
MEDICAL LABORATORY TECHNIQUES (PGDCGMLT)**

**LIST OF REQUIREMENT FOR THE YEAR 2023 - 2024**

**EQUIPMENTS**

Kindly submit the catalogues of below mentioned EQUIPMENTS for the supply of GLASSWARES to PGDCG&MLT section of our College.

**LIST OF EQUIPMENTS**

<b>Sr. No</b>	<b>Name of the apparatus</b>
1.	Microscope
2.	Distillation unit
3.	Microwave
4.	Chemical balance

**Note:** Kindly mentioned the discount & the taxes applicable for the above requirements.

**DEPARTMENT OF PSYCHOLOGY**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 - 2024**

**EQUIPMENT:-**

<b>Sr. No</b>	<b>Item type</b>
1.	Psychological tests for practicals

**POST GRADUATE DEPARTMENT OF CHEMISTRY**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 – 2024**

1. Unless otherwise stated, all chemicals should be of laboratory reagent (L.R.) grade.
2. Tenderers should specify the brand of chemicals . Preference will be given to the brand like Loba, S.d.fine, Thomas Baker.
3. Rates should be quoted after giving all types of discounts.
4. Quantities indicated are subject to change without notice.
5. Clarification, if any, can be had from the Head of Chemistry Department.

**A. Chemicals:**

Sr. No.	Item	Brand	Rate	Per	Qty. Required
1	Acetone	-	-	-	5 ltrs
2.	Chloroform	-	-	-	2.5 ltrs
3.	Pet Ether	-	-	-	2.5 ltrs
4.	Ethanol	-	-	-	5 Ltrs
5.	Diethyl ether	-	-	-	2.5 ltr
6.	Dichloromethane	-	-	-	1 ltr
7.	Glacial Acetic acid	-	-	-	1ltr
8.	Ammonia	-	-	-	2.5 ltr
9.	Sodium thiosulphate	-	-	-	500 gms
10.	Iodine	-	-	-	50 gms
11.	Silver nitrate	-	-	-	200 gms
12.	Benzaldehyde	-	-	-	1 bottle
13.	Toluene	-	-	-	1 ltr
14.	Whattman grade 1 sheets	-	-	-	
15.	Whattman filter paper no1	-	-	-	2 box
16.	Whattman filter paper no 41	-	-	-	1 box
17.	Whattman filter paper no 42	-	-	-	1 box

**POST GRADUATE DEPARTMENT OF CHEMISTRY**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 - 2024**

**B. Glassware & Sundry Items**

<b>Sr. No.</b>	<b>Item</b>	<b>Rate</b>	<b>Per</b>	<b>Qty. Required</b>
1	Beaker 50ml borosil glass	-	-	20 nos
2	Beaker 100ml borosil glass	-	-	30 nos
3	Graduated pipette 25ml	-	-	10 nos
4	Graduated pipette 25ml	-	-	10 nos
5	Spoon Spatula 4"	-	-	10 nos
6	Test tube brush Nylon bristles semi micro	-	-	20 nos
7	Glass droppers 5"	-	-	50 nos

**C- Equipments**

<b>Sr. No.</b>	<b>Items</b>	<b>Rate</b>	<b>Per</b>	<b>Qty. Required</b>
1	Digital Balance 0.0001gm			1 no.
2	Sonicator			1 no.

**DEPARTMENT OF EXAMINATION CELL**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 - 2024**

**Equipments :-**

<b>Sr. No</b>	<b>Item type</b>	<b>Qty</b>
1.	Water Filter- Aqua guard	1 no.
2.	Paper shredder Machine	1 no.

# SPORTS ITEMS

**DEPARTMENT OF PHYSICAL EDUCATION AND SPORTS MANAGEMENT**  
**LIST OF SPORTS EQUIPMENTS AND SPORTS JERSEIES REQUIRED**  
**FOR THE YEAR 2023-24**

Sr No.	Details of Sports Equipment/Sports Wear	Specification	Brand	Quantity
1.	Football		Nivia-Shining Star	30
2.	Futsal	Glossy Surface	Nivia-Force	12
3.	Football socks	Orange and Black	--	48
4.	Shin guard	Football	Nivia	24
5.	Shin guard	Futsal	Nivia	24
6.	Football/Futsal ball Carrying Net	For 12 Balls	Cougar	2
7.	Air Pump for Balls	Manual	Koxtan	1
8.	Air Pump for Balls	Electrical		1
9.	Air Pressure gauge	For measuring Air Pressure		1
10.	GK Gloves	Small/Medium/large	Nivia	2
11.	GK Jersey and Shorts	Blue and Red with Logo and Number /Dry Fit		8
12.	Bibs	Yellow/Blue dry fit		20 each
13.	Referee T Shirt and Shorts	T Shirt: Fluorescent Pink/Yellow Shorts: Black		6
14.	Whistle			10
15.	Basketball	No 6 & 7	Nivia/Cosco /Spartan	5 Each
16.	Basketball Net	Cotton/Nylon		6 pairs
17.	Basketball T Shirt and Shorts	Black and Orange with Logo and Number /Dry Fit		
18.	Volleyball		Nivia/Cosco	5
19.	Volleyball Net	Cotton/Nylon		3
20.	Volleyball Knee pad	Cotton plain, nylon plain		24
21.	Volleyball T Shirt and Shorts	Black and Orange with Logo and Number /Dry Fit		
22.	Handball	Men & Women	Nivia/Cosco	2 Each
23.	Cricket Season Ball	Red (Not More Than Rs 400)	Famex	36
24.	Cricket Season Ball	White (Not More Than Rs 400)	Famex/BAS/S G	12
25.	Cricket T Shirt and Pants	White and Orange with Logo and Number /Dry Fit		
26.	Cricket T Shirt and Pants	Black and Orange with Logo and Number /Dry Fit		
27.	Hockey Ball		Nivia	6
28.	Hockey Sticks	Glass Fibre	Rakshak/Vam	10

			pire	
29.	Baseball			6
30.	Baseball Bat	Light/ Medium /Heavy		1 Each
31.	Baseball Gloves	Small/Medium/Large		9
32.	Baseball Catcher	Pads/Face Mask/Helmet		
33.	Baseball	Helmet		10
34.	Table Tennis Ball	3 Star/2 Star/1 Star	Stag	2 Doz. each
35.	Table Tennis Racket	Not Exceeding Rs 500.00	GKI/Stag	8
36.	Table Tennis Net with Clamps		Stag	3
37.	Table Tennis T Shirt and Shorts	Black and Orange with Logo and Number /Dry Fit		
38.	Shuttle Cock Plastic	Mavis 350	Yonex	4 Boxes
39.	Shuttle Cock Natural Feathers		Yonex	8 Boxes
40.	Badminton Racket	Not Exceeding Rs 800.00	--	8
41.	Badminton Racket	Not Exceeding Rs 800.00		
42.	Badminton Net			2
43.	Badminton T Shirt and Shorts	White and Orange with Logo and Number /Dry Fit		
44.	Badminton Racket Grip		Yonex	20
45.	Medical Kit/ First Aid Kit Bag	Kit Bag 3 x Pairs of Disposable Gloves 10 x Gauze Swabs 6 x Sterile Dressings 2 x Cohesive Bandage 6 x Nasal Sponge Plugs 5 x Skin Sutures 2 x Instant Ice Packs 1 x Mouth to Mouth Shield 2 x Eye & Wound Wash Pods 5 x Wound Wipes 4 x Dressing Pads 1 x Triangular Bandage 20 x Plasters 1 x Scissors 20 x Handiplast 2 x Finger Splints 1 X Digital Thermometer		2
46.	Ice Packs			6
47.	Crape Bandages			6
48.	Kinetic Tape	Pre-Cut KT for Hand/Wrist/Foot/Neck/ Ankle/ Back/Knee/Calf and Thigh Support		2 Packs each
49.	Cricket Bat	English Willow not more than Rs. 8000	SG/BAS/SA/ BDM	2

50.	Cricket Bat	English Willow not more than Rs. 6000	SG/BAS/SA/BDM	2
51.	Cricket Bat	Kashmir Willow not more than Rs. 4000	SG/BAS/SA/BDM	2
52.	Cricket Bat	Size 6 English Willow not more than Rs.4000	SG/BAS/SA/BDM	2
53.	Cricket Bat	Size 6 Kashmir Willow not more than Rs.3000	SG/BAS/SA/BDM	2
54.	Batting Pads	Not More than Rs 2000	SG/BAS/SA/BDM	3
55.	Batting Pads	Not More than Rs 1000	SG/BAS/SA/BDM	3
56.	Batting Pads	Not more than Rs 500	SG/BAS/SA/BDM	4
57.	Batting Pads	Youth Not more than Rs 800	SG/BAS/SA/BDM	4
58.	Batting Gloves	Not More than Rs 1500	SG/BAS/SA/BDM	2
59.	Batting Gloves	Not More than Rs 1000	SG/BAS/SA/BDM	3
60.	Batting Gloves	Not More than Rs 500	SG/BAS/SA/BDM	4
61.	Batting Gloves	Youth Not More than Rs 500	SG/BAS/SA/BDM	4
62.	Elbow Guard			2
63.	Elbow Guard	Youth		2
64.	Helmet			4
65.	Helmet	Youth		3
66.	Thigh Guard			4
67.	Thigh Guard	Youth		3
68.	Abdomen Guard			4
69.	Abdomen Guard	Women		3
70.	Wicket Keeping Pads	Not More Than Rs 1000		2
71.	Wicket Keeping Pads	Youth Not more than Rs 1000		2
72.	Wicket Keeping Gloves	Not More Than Rs 1500		2
73.	Wicket Keeping Gloves	Youth Not more than Rs 1000		2
74.	Stumps Set with Base	For net practice		2
75.	Single Stump with base	For net practice		2
76.	Wooden Stumps set with bails	For natural turf		4
77.	Cricket Kit Bag	With Wheels		4
78.	Cricket Kit Bag	Regular		3
79.	Cricket Mat	Coir double knit/ Half Matting		1

80.	Ladder for Fitness Training			2
81.	Hurdles for Fitness training	High qlty		6
82.	Skipping rope	High qlty		18 nos.
83.	Tera Bands	High qlty		4
84.	Tera Tubes	High qlty		4
85.	Medicine Ball	2 KG		2
86.	Wt. Lifting	All equipment e.g., bars, Weights, dumbbells, etc.		1 set
87.	Multigym	Single station to multi station		1 each
88.	Weight Lifting belt	International		4 nos.
89.	Cycles for road racing with gears	Not Exceeding Rs 20000		2
90.	Cycling Helmet	High qlty		12
91.	Cycling Gloves	(Road Racing/MTB)		14 nos
92.	Cycling Lycra Jersey and shorts Set	Black, Orange and white (Road Racing/MTB)		10
93.	Hand Pump			2
94.	Cycle Inner Tube			6
95.	Sports Kit Bag	With or without Roller and locking facility	Large/Medium/Small	6 Each
96.	Tennis Racket	Not More than Rs 4000	Wilson/Head	4
97.	Tennis Racket	Not More Than Rs 2000		6
98.	Tennis Racket	Not More Than Rs 1000		6
99.	Tennis Grip	High qlty	Yonex	20
100.	Lawn Tennis Ball	Bag of 25 non pressure packed balls	Dunlop	2
101.	Lawn Tennis Ball	Pressure Packed	Wilson/Dunlop	8
102.	Lawn Tennis Net	High qlty		1
103.	Tennis Racket Kitbag	For Maximum 2 Rackets		5
104.	Tennis Racket Kitbag	For Maximum Six Rackets		2
105.	Judo uniform	High qlty		6
106.	TaeKwonDo Uniform	WTF Approved		14
107.	TaeKwonDo protective gears set	Full Set Approved by WTF	Small/medium/large	2 sets each
108.	Tae Kwon Do Training equipments	all		2 sets
109.	Chess board with coins	International		10 sets
110.	Chess Clock		NIVIA	2
111.	Carrom Board	Standard		2
112.	Carrom Coin set and Striker	standard		4 each

113.	Carrom Powder	250 grams		20
114.	T-Shirt (with sleeves)	Black, Orange and white Dry Fit (Fully Sublimated)		180 nos.
115.	-do-	Black, Orange and white Dry Fit (Double Sublimated)		180 nos.
116.	-do-	Black, Orange and white Dry Fit (Single Sublimated)		120 nos.
117.	T-Shirt (without sleeves)	Black, Orange and white Dry Fit (Fully Sublimated)		180 nos.
118.	-do-	Black, Orange and white Dry Fit (Double Sublimated)		180 nos
119.	-do-	Black, Orange and white Dry Fit (Single Sublimated)		120 nos
120.	Shorts/half pants	Black, Orange and white Dry Fit (Fully Sublimated)		180 nos.
121.	-do-	Black, Orange and white Dry Fit (Double Sublimated)		180 nos.
122.	-do-	Black, Orange and white Dry Fit (Single Sublimated)		120 nos
123.	Caps	Black, Orange and white Cotton/white or blue		124 nos.
124.	Caps	Black, Orange and white Nylon/ Acrylic/white or blue		124 nos.
125.	T Shirt/Pant	Grey and Orange		10
126.	Cups (All size)	Standard quality		20 nos.
127.	Medals Various sizes	Gold, silver, Bronze		300 nos.
128.	Specially Designed medals			40 nos
129.	Mementos	Various size/ various designs		50 nos.
130.	Swimming glasses			4 pairs
131.	Swimming caps			4 pairs
132.	Swimming costumes (girls)	Small & Medium size		4 nos
133.	Swimming trunks (boys)	Small & Medium size		4 nos
134.	Tennikoit ring	Federation Standard		12nos.
135.	Tennikoit net			4 nos.
136.	Tennikoit Pole Set			1 pair

STATIONARY  
INCLUDING COMPUTER  
STATIONERY &  
OTHER ARTICLES

Sr. No.	Description	Band/ Specification	Quantity
<b>STATIONERY – PRINTING</b>			
1.	Letter Head Pads (as per specimen)	a) Alabaster paper (120 GSM)  b) Executive Bond	100 pads (100 sheets each)  100 pads (100 sheets each)
2.	Merit Certificates & other Certificates	(as per specimen)	200 copies
3.	Envelopes - 9.5" x 4.5" (white)	As per specimen	10,000 copies
4.	Envelopes - 12" x 10" (white)	As per specimen	10,000 copies
5.	Brown Envelopes (as per specimen)	9 <sup>1</sup> / <sub>2</sub> " x 4 <sup>1</sup> / <sub>2</sub> "	2,500 copies
6.	Green Envelopes with glue (as per specimen)	A3	2,000 copies
7.	Main Answer-Books -Red  - Blue -Black	5 sheets (as per specimen) -do- -do-	10,000 copies  10,000 copies 10,000 copies
8.	Supplementary answer-books -Red - Blue -Black	2 sheets (as per specimen)	20,000 copies 20,000 copies 20,000 copies
9.	Practical answer-books	2 sheets (as per specimen)	20,000 copies
10.	Intra-Semester answer-books (Red & Blue)	2 sheets (as per specimen)	10,000 copies in each colour
11.	Service Book (Leave part)	12 pages (as per specimen)	200 booklets
12.	Printing of Vidya Magazine, Receipt Books, Course Registers, various proformas, Lamination and allied stationery items and binding. (As and when required)		
13.	Printing of Marksheets		1500 marksheets
<b>P.S. :</b> Specimen copies of the printed material to be collected from the office. Party should quote as per the specifications/specimens provided by the College. They should also provide us with the specimens of the items quoted by them.			

**IMPORTANT : Please state the BRAND and other specifications of the quoted items.**

**STATIONERY - NON-PRINTING**

1.	JK Excel Bond Paper (A4 size)		50 reams
2.	Green Ledger paper (80 GSM)		30 reams
3.	Box files (plastic laminated)		10 doz.
4.	Box files (Kangaroo clip or similar quality)		40 doz.
5.	Office files (thick)		300 files
6.	Office files (thin)		1000 files
7.	Paper pin boxes - big (Tower Pin brand)		10 boxes
8.	Paper clips - U shape (Tower Pin brand)	1 x 10	20 boxes
9.	HB Lead Pencils		18 boxes
10.	Apsara or Navneet Pencils		2 boxes
11.	Sharpeners and Erasers		5 dozs.
12.	Ball-pens (black & blue)		25 pkts. each
13.	Ball-pen refills (Black & Blue)		25 pkts.each
14.	Correction Pen		3 dozs.
15.	Paper cutter (big)		06 nos.
16.	Scissors (medium)		10 nos.
17.	Scissors (big)		10 nos.
18.	Cello tape (1 inch.width)	Small	2 dozs.
19.	Cello tape (1 ½ inch.width)		1 doz.
20.	Cello tape (2 ½ inch width)	Big	10 nos.
21.	Gum paste bottle - Small (300 ml) Big (700 ml)		05 doz. 06 nos.
22.	Glue sticks		05 dozs.
23.	Fevicol Bottles		02 doz.
24.	Fevicol Tubes		08 nos.
25.	Sutali		10 kgs.

26.	Nylon File laces(white thick laces 24 inch)		12 packets
27.	Staplers (10 no.)		07 doz.
28.	Staplers (HD-45)		20 nos.
29.	Staple pins a) (10 no. size) b) (24x6) c) 23/13-H. (13mm (1/2"))		20 boxes (20 each) 1 doz. 6 Boxes
30.	Rubber bands (big size) (medium size)	Assorted	5 kgs. (500 gms packet) 1 kgs.
31.	Typing carbon papers	Black	06 boxes
32.	Graph papers		5000 sheets
33.	Permanent markers (Blue, Red , Green and Black)		03 doz.
34.	OHP marker		06 nos.
35.	White Board Markers		50 nos
36.	Paper Punch	DP-480	6 nos.
37.	Paper punch	DP-600	12 nos.
38.	Paper Punch (for punching 20 or more papers at a time)		2 nos.
39.	Wax candles	Big	20 boxes
40.	Four flap Folders	Red/Blue colour	2 dozs.
41.	Twines		60 boxes
42.	Chalk (Beekay/Leeba make)	White	200 boxes
43.	Chalk (Beekay/Leeba make)	Coloured	100 boxes
44.	Duster		100 nos.
45.	Stamp pad Blue (Kores)		2 doz.
46.	Stamp pad Red (Kores)		4 nos.
47.	Stamp pad ink blue (100 ml)		10 bottles
48.	Stamp pad ink red (100 ml)		3 bottles
49.	Water Sponge		2 doz.
50.	Register	100 pages	4 doz.

51.	Register	200 pages	5 doz.
52.	Register	400 pages	2 doz.
53.	Exercise books	100 pages	2 doz.
54.	Exercise books	200 pages	2 doz.
55.	Brown Envelopes	12" x 10"	1000 nos.
56.	Brown Envelopes	14" x 10.5"	1000 nos.
57.	Brown Envelopes	11 ½ " x 9"	1000 nos.
58.	Paper cutter (big size) (Small size)		8 nos. 8 nos.
59.	Carbon paper - Blue - Black		06 nos. 06 nos
60.	Xerox paper A3 size		1 ream
61.	Xerox paper-A4 (JK Green)		2000 reams
62.	Xerox paper- full size		200 reams
63.	Toner for HP Laser Jet 1020		30 nos.
64.	Toner for HP Laserjet 88A (10 original & 12 compatible)		22 nos.
65.	Toner for Canon NPG-57		02 nos.
66.	Toner for HP laserjet Pro M203 dw		02 nos.
67.	Toner for HP laserjet 400 M 401		02 nos.
68.	Toner for Brother MFC-L5900 DW		12 nos.
69.	Toner for canon Image class MF 249 dw		10 nos.
70.	Toner for Brother DCP-L 3551CDW		1 no.
71.	CDs      a) RW b) R		20 boxes x 10 10 boxes x 5
72.	WD40 Anti spray		06 bottles
73.	Plastic folders – 132 col. - 80 col.		3 doz. 2 doz.
74.	Calculator (14 Digit)		8 nos.
75.	Calculator (12 Digit)		8 nos.
76.	30 Inch scale		2 doz.

77.	CD Cover		2 doz.
78.	Soft Notice Board (Pin up Board)		2 packets
79.	Stick- ons		5 doz.
80.	Binder clips 41 mm		2 doz.
81.	Writing pads		2 doz.
82.	Butter Papers		80 Nos.
83.	White boards (as per specimen)		5 nos.
84.	Wall Clock		2 nos.
85.	Spring Files (Plastic Coated)		50 nos.
86.	Brown Paper		10 doz.
87.	Drawing Pins		5 packets
88.	Tracing Paper		2 reams
89.	Oil paint (white & Black)		500 ml each
90.	Fine paint brushes		05 nos.
91.	Batteries AA		06 nos.
92.	Batteries AAA		06 nos.
93.	Naphthalene Balls		15 kgs
94.	Numbering machine		1 no.
95.	Steel Rulers		5 nos.
96.	Cello tape dispenser		01 no.
97.	Highlighter		5 nos.
98.	Remote Batteries		6 nos.
99.	Colour papers		40 nos.

# FURNITURE REQUIREMENTS

**DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 - 2024**

**FURNITURE**

<b>Sr. No.</b>	<b>Item Type</b>	<b>Quantity</b>
1	Partition for Reading Room	1
2	Drawers at the Circulation Counter (Repair)	5

**DEPARTMENT OF COMPUTER SCIENCE**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 - 2024**

**FURNITURE**

<b>Sr. No.</b>	<b>Item Type</b>	<b>Quantity</b>
1	Chairs	10

**DEPARTMENT OF GEOGRAPHY AND RESEARCH CENTER**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 - 2024**

**FURNITURE**

<b>Sr. No.</b>	<b>Item Type</b>	<b>Quantity</b>
1	Chairs with writing Pads	10 nos.
2.	Podium	01 no.

**DEPARTMENT OF PHYSICS**  
**LIST OF REQUIREMENT FOR THE YEAR 2023 - 2024**

**FURNITURE:**

<b>Sr.no</b>	<b>Item type</b>	<b>Quantity</b>
<b>1</b>	Steel Cupboards	2 nos.

**REPAIR AND  
MAINTENANCE  
(ANNUAL)**

**A. PLUMBING - AMC**

**B. CARPENTING - AMC**

**C. ELECTRICAL REPAIRS - AMC**

**D. REPAIRS TO LAB EQUIPMENTS**

**E. REFILLING OF FIRE EXTINGUISHERS**

**Note:**

**Quotations to be submitted on Annual Basis after on-site visit.**

## THE TERMS AND CONDITIONS :

### TENDER CONDITIONS:

1. A. The Principal, Parvatibai Chowgule College of Arts and Science Autonomous, Gogol, Margao-Goa, reserves the right to reject all or any of the tenders without assigning any reasons.
- B. Irrespective of whether mention was made in the Notice inviting tenders or otherwise, only registered manufacturers or the authorised dealers of the manufacturers who are also registered under the State Sales Tax Acts, are eligible to submit tenders.
- C. (i) *Except where exemption is granted by the Government of Goa, Earnest Money Deposit (E.M.D.) of Rs.2000/- should be enclosed which will be forfeited if the tenderer fails to honour the supply order if and when placed.*  
  
(ii) **The Supplier has to pay the Security Deposit as per the rules, at the time of issue of the order.**
- D. **If the tenderer desires, he/she will be permitted to be present at the time of opening of the tender.**
- E. *The E.M.D. is refundable in case of unsuccessful tenderer and in case of tenders which are acceptable, the EMD shall be adjusted against the Security Deposit (S.D.) which shall be 5% of the order value.*
- F. **The tenderer shall not be entitled to any interest/compensation on account of EMD/SD in case the same is not returned in time.**
- G. **The Earnest Money Deposit will be forfeited to the Government if the tenderer fails to honour the order placed and the S.D. will be forfeited to the Government if the tenderer fails to execute the entire supply within the stipulated time.**
- H. **This office will take all the care to return the deposits within the reasonable limit which is normally 30 days after opening of the tenders in case of EMD and fifteen days for security deposit after satisfactory and full execution of the order and on acceptance of the stores by the Principal, Parvatibai Chowgule College of Arts & Science Autonomous, Gogol, Margao-Goa. However, if the supplies are covered by warranty period the EMD/SD shall be retained till the warranty period is over.**
- I. **If the tenderer fails to claim the EMD/SD within the period of 3 months from the time limit specified above, such EMD/SD will be deposited into the Government treasury at the full risk of the supplier and the Principal shall not be responsible for delay, if any, to reclaim/return the same.**

- J. EMD/SD shall invariably be in the form of Deposit Receipt drawn on any scheduled bank and made in favour of the Principal, Parvatibai Chowgule College, Margao-Goa, drawn on any nationalized bank. The EMD/SD in any other form other than specified above, shall not be accepted and tenders accompanied by such EMD shall be rejected.
- K. All tenders received after the due date and/or time shall be rejected. Postal delay, if any, shall not be an excuse for the late receipt of the tenders.
- L. All quotations/tenders will be received for consideration subject to the specified terms and conditions. The tenderers are required to get necessary clarification regarding any of the terms and conditions before submitting the tender.
- M. All tenders/quotations shall be neatly typed, overwriting and corrections, if any, shall be authenticated by the tenderer. Incomplete or illegible tenders/quotations are liable to be rejected without assigning any reasons.
- N. Where applicable, following detail shall be clearly and specifically indicated by the tenderer.
- (i) Disagreement, if any, with terms and conditions enclosed.
  - (ii) Non-conformity, if any, of the stores with the specifications given in the tender notice/tender paper.
  - (iii) Taxes, Excise Duty, Custom Duty, etc., if any, to be paid extra.
  - (iv) Freight, forwarding, insurance and hamali charges, if any, to be paid extra.
- O. Every tender shall be accompanied by the following certificates :
- (i) Income-tax Clearance Certificate for the latest Assessment year.
  - (ii) Central Sales-Tax/Local Sales-Tax Clearance Certificate.
  - (iii) Exemption towards payment of EMD shall be supported by a certificate from competent authorities.
- P. GOODS & SERVICE TAX, EX-DUTY & CUSTOM DUTY, Etc

Where the cost of the item is specified as exclusive of these statutory levies, unless accepted in writing otherwise by the Principal, Parvatibai Chowgule College of Arts & Science Autonomous, Margao, before placing of the order, the said levies shall be payable only on production of the prescribed documents as below :

- (i) G.S.T. certificates prescribed by the Principal, Parvatibai Chowgule College of Arts & Science Autonomous, Margao.
- (ii) Excise duty certificate prescribed by the Principal, Parvatibai Chowgule College of Arts & Science Autonomous, Margao.
- (iii) Custom duty certificate issued by the concerned custom office.

(iv) **Freight & Insurance :**

where the cost is exclusive of freight and insurance charges, the tenderer shall invariably provide the documentary evidence for having actually paid such charges failing which the same shall be disallowed, however, where the rates or amount was not specified in the order it shall be consistent with current market rates.

(v) **Parvatibai Chowgule College of Arts & Science (Autonomous) is not registered under G.S.T., being an education institution.**

**Q. In case where clarity as at (N) above is not adhered to, then the Principal, Parvatibai Chowgule College of Arts & Science Autonomous, Margao, shall be entitled to and it shall be lawful to do so....**

- (i) to accept for processing such tenders at the risk of the tenderer and / or
- (ii) to reject the tender without assigning any reasons.

**R. Irrespective of whether specifically stated in the tender notice or otherwise following tenders will be rejected -**

- (i) where the tenderer has not enclosed documentary evidence of being authorized manufacturer or the authorised dealer of the authorised manufacturer.
- (ii) Where the tenderer demands advance payment or payment through bank against invoice or similar form of advance payment.
- (iii) Where tender cost is not enclosed.
- (iv) Where the stores offered are not market tested for reliability, etc.
- (v) Where the tenderer has not enclosed any printed leaflets, catalogues, etc., giving detailed specification of the products.

**2. GENERAL CONDITIONS :**

A. Quantities of items/items shown in the list are subject to change. The college reserves the right to place order in full or in part depending on the availability of funds and need of items felt.

Unless expressly provided in writing by the Principal, Parvatibai Chowgule College of Arts & Science Autonomous, Margao, the order placed shall be subject to the terms and conditions and the specifications given hereinunder and if any of the terms and conditions and/or specifications of the tenderer on whom order is placed is/or contrary or inconsistent with any of the terms and conditions of these terms and conditions. Same shall be deemed to be and shall be treated as in-applicable and of no effect.

B. Any typographical/clerical error in relation to rates/units/quantity, size, etc., and/or contradicting/ conflicting with the tender specifications and/or the terms and conditions shall stand corrected to that effect without any written communication and the tenderer shall not be entitled to any claim what-so-ever, based on such typographical/clerical error.

- C. The tenderer shall sign with date on the certificate attached in token of acceptance of the terms and conditions without any reservations and affix the rubber seal of office stamp if available. Where rubber stamp is not available, name of the person who has signed as the tenderer shall be clearly written in ink. Quotations received without being duly signed and stamped are liable to be rejected without assigning any reasons. However, the Principal, Parvatibai Chowgule College of Arts & Science Autonomous, Margao, in the public interest may relax this condition.
- D. Each and every quotation/tender shall necessarily be accompanied by printed leaflets or catalogues giving complete details of the specifications of the stores. Tenders stating “as per your specifications” or just repeating “as is already given in the tender paper” **MAY NOT** be considered at all.

### **3. VALIDITY OF RATES :**

- A. The rates quoted should be valid at least for a period of 180 days from the date of opening of the tender.
- B. Rates quoted shall be generally exclusive of transport, packing, forwarding, loading and unloading charges, excise, taxes, etc. However, the other charges/taxes shall clearly be shown separately; otherwise it will be deemed that rates quoted are inclusive of all charges/taxes.
- C. The rates shall approximately conform to the current market rates specified by Government/Government approved appropriate agencies where applicable. In case, if at any stage it is discovered that the rates quoted by the tenderer are/were not conforming to the then prevailing market rates, in such cases Principal, Parvatibai Chowgule College of Arts & Science Autonomous Margao, reserved the right to reject the stores if received and the tendered will not have any claim against the Principal, Parvatibai Chowgule College of Arts & Science Autonomous, Margao-Goa, except the actual cost of stores as per normal rates less whatever penalty levied by Principal, Parvatibai Chowgule College of Arts & Science Autonomous, Margao, and for this purpose “Normal Rates” means the actual cost of the stores on par with market rates of similar stores exclusive of taxes, excise, transport, freight, etc., plus reasonable profit margin.

### **4. EXECUTION OF ORDER :**

- A. **Acceptance of the order shall be conveyed by the tenderer after submitting a security deposit equivalent to 5% of the total value of the order within 15 days from the date of receiving the order in the form of Bank Call Deposit Receipt/Demand draft drawn in favour of the Principal, Parvatibai Chowgule College of Arts & Science Autonomous, Margao, on any Nationalised bank, failing which the order shall stand cancelled unless informed otherwise in writing by the Principal.**

- B. The Security Deposit will be refunded to the supplier after full execution of the order or expiry of the period specified in the order and where the stores are warranted, the S.D. shall be returned after expiry of such warrantee period. If the supplier fails to honour the warrantee as promised, the S.D. will be forfeited.
- C. Entire order shall be executed within four weeks from the date of issue unless specified otherwise, in the order. However, Principal, Parvatibai Chowgule College of Arts & Science Autonomous, Margao, reserves the right to grant the extension of the time limit, if in his opinion, public interest does not suffer. Violation of this clause attracts provisions of clauses 5 (i) (ii) (iii).
- D. The stores shall be properly packed and dispatched, insured if necessary, with any Indian Government approved Insurance Company or its branch at a cost consistent with Government regulations and the cost of the consignment against loss, damages or breakage, etc., up to destination by goods/passengers Train/Road Transport on freight paid basis only.
- E. It shall primarily be the responsibility of the tenderer to inspect and satisfy that the stores to be supplied exactly conform to the specifications given in the order. In case of lapse on the part of the tenderer in this regard the Principal, Parvatibai Chowgule College of Arts & Science Autonomous, Margao, reserves the right to reject the stores.
- F. In case of rejection of the stores supplied by the tenderer on the grounds specified above or if found defective or not conforming to specifications or any other grounds in accordance with the terms and conditions, it shall be the responsibility of the tenderer to make arrangement to collect back the stores.
- G. If the tenderer so desires the rejected stores may be dispatched back to the tenderer provided :
- (i) The tenderer gives an undertaking in the prescribed form accepting full responsibility for losses/damages which may be caused during transit due to accidents or any other reasons.
  - (ii) The tenderer shall send in advance packing, forwarding, and transport charges by way of demand draft made in favour of the Principal, Parvatibai Chowgule College of Arts & Science Autonomous, payable at Margao and drawn on any nationalised bank.
5. The time (delivery period stipulated) is essence of the contract. In case the tenderer fails to deliver the stores or any part thereof within the stipulated period of delivery or in case the stores are found not to be in accordance with the specifications, the Principal, Parvatibai Chowgule College of Arts & Science Autonomous, Margao, shall have the right to exercise his discretionary powers as under :

- (i) either to recover as liquidated damages a sum not exceeding half percent of the price of stores which the tenderer has failed to deliver as aforesaid per each week or part thereof during which the delivery of each stores may be in arrears but subject to a maximum limit of 5% of the stipulated cost of the stores.
- (ii) To purchase from elsewhere at the cost and risk of the tenderer the stores so undelivered or stores of a similar description without cancelling the order in respect of the consignment not yet delivered.
- (iii) Or to cancel the entire / part of the order as deemed fit in the sole discretion.

6. INSPECTION/ ACCEPTANCE OF STORES :

- A. Inspection of the store shall invariably be done at the college premises. The stores shall be deposited by the tenderer at his/her risk at the college premises. In such cases acknowledgement shall in no case be deemed and will not be deemed as acceptance of the store.
- B. In case the stores are delivered in packed cases either personally or through transport agencies including Rail/Road agencies the acknowledgement given by the storekeeper shall be "on said to contain basis." In such cases the Principal, Parvatibai Chowgule College of Arts & Science Autonomous, Margao, reserves the right to verify actual contents after opening and therefore, the responsibility for damaged/ defectives/ shortages or the consequences of a similar nature shall be solely the responsibility of the tenderer. Therefore, the tenderer may prefer to give open delivery by making suitable arrangements.
- C. In cases where the stores are deposited in open container/ open condition the acknowledgement of the storekeeper shall be to the extent of physical quantity and in no case the storekeeper shall be responsible as to the exact nature/identity/conformity of the stores with the specification mentioned in the order.
- D. It shall be the responsibility of the tenderer to arrange to deliver the stores at the college premises at Gogol, Margao, Goa, during the office hours from 10.30 a.m. to 4.00 p.m. The stores despatched by rail transport or by other means other than the one specified above may not be accepted if received after the specified office hours unless agreed to otherwise in writing by Principal, Parvatibai Chowgule College of Arts & Science Autonomous, Margao, before placing of the order/ before despatch of the stores.
- E. Advance intimation of the despatch of the stores with information like mode of transport name and address of the transport agency, likely date of arrival of the stores at college premises and necessary documents if any, to release the consignment must be sent by the tenderer to the Principal, Parvatibai Chowgule College of Arts & Science Autonomous, Margao.

- 7 A. Installation and demonstration should be done in the institution. Installation and demonstration charges, if any, should be specified separately.
- B. After sales service should be categorically specified in the tender.
- C. Charges for Annual Maintenance contract shall be specified separately, for which agreement will have to be signed at a later stage.
- D. In the event of the breakdown of the system during warranty period if the system is not set right within 48 hours (excluding Sundays & holidays) then a fine of Rs.100/- per day will be charged extra.
- E. The requisite training to the staff shall be imparted on the installation of the systems free of cost.

8. Payment terms

Payment will be made only after the receipt of the stores in good working conditions at college premises. Generally payment will be made within a month – after receipt of pre-receipted bill in duplicate.

## C E R T I F I C A T E

Certified that I/we have gone through the terms and conditions of supply/works and also the tender conditions. I/ We hereby agree to abide by the same. In token of acceptance as above I/we affix the signature as below :

---

SIGNATURE

Name : \_\_\_\_\_

Date : \_\_\_\_\_

Seal of the tenderer