



A2/909/2022/GCK

Government College,
Kariavattom,

E-mail: principalgck@gmail.com
Phone : 0471 2417112

14.12.2022

SHORT TENDER NOTICE (02/ 2022-23)

Sealed Competitive Tenders are invited for the **Supply of Chemicals in various Departments in Government college Kariavattom during 2022-23**. The list of items to be supplied is attached along with this tender notice. The successful tenderers should deliver the items within 28 days from the date of supply order and as per the conditions specified.

The envelop containing the tender should bear the superscription “**Supply of Chemicals in Government college Kariavattom under plan fund 2022-23**” and should be addressed to “**The Principal, Government College, Kariavattom, Trivandrum, Pin- 695581**”. The last date for receipt of tenders will be on **10.01.2023** at 2.30 pm. Late tenders will not be accepted. The tenders will be opened on **10.01.2023 at 3 pm** in the presence of the tenderers or their authorized representatives who may be present at that time. Intending tenderers may, on application to the Principal, Government College, Kariavattom obtain the requisite tender forms on which tenders should be submitted. Application for the tender form should be accompanied by cash remittance of **Rs.800/-** which is the price fixed for form/set of form and which is not refundable under any circumstances . **18% GST(Rs 144/-) of the cost of tender form should be remitted by the tenderer and the receipt for the same should be produced .** The tender forms are not transferable. Tender forms will be issued on all working days from 10 am to 1 pm. Sale of tender form will be closed on **10.01.2023** at 1 pm. Those who wish to get tender form by post should sent money order for cost of tender form and with the receipt of the GST remitted along with self addressed envelop affixed with sufficient stamps for sending the tender forms by registered post. Cheque/postage stamps will not be accepted towards the cost of forms, nor will the forms be sent by VPP. Duplicate tender forms if required will be issued @ **Rs.400 /-** per copy.

All the tenderers should execute **an agreement in Kerala Stamp Paper worth Rs.200/-** while submitting tender form (Vide page No.6 of the tender form) The Earnest Money Deposit (EMD) is required for **Rs 2100/-** and should be remitted by Demand Draft or Fixed Deposit Receipts . The right to accept or reject the Tender without assigning any reason to be vested with the undersigned. The undersigned will not be responsible for any postal delay or loss of tender forms.

Further details, if any, can be had from the College Office on all working days.

P R I N C I P A L

Estimate cost : Rs.**208732/-**

Short tender : **Supply of Chemicals in Government college Kariavattom during 2022-23.**

Total : Rs.208732/-

Note : If there is any variation in the acceptance of tax occurred then that will be applicable to those who collect the tender form at that time.

COLLEGIATE EDUCATION DEPARTMENT

PRINCIPAL, GOVERNMENT COLLEGE, KARIAVATTOM, TRIVANDRUM

PHONE: 0471 2417112, E-mail: principalgck@gmail.com

Website: www.governmentcollegekariavattom.in

Tender No- 02/2022-23/PLAN

14.12.2022

Short tender : **Supply of Chemicals in Government college Kariavattom** during 2022-23.

Tender cost : **Rs 800/-**

Estimated Amount : Rs.**208732/-**

Last date of sale of Tender : **10.01.2023** 1 pm

Receiving Tender up to : **10.01.2023** 2.30 pm

Opening of Tender : **10.01.2023** 3 pm

EMD : Rs.2100/- and Agreement in stamp paper worth 200 is required

Approval Valid

Digitally Approved By

A S Jaya

Date: 14.12.2022

Reason: Approved

**Details of Chemicals to be Purchased for Department of Physics,
Govt. College Kariavattom**

Sl. No.	Name of Item	Quality	Quantity
1	Acetone (500 ml)	Sigma Aldrich/ Merck/Equivalent Quality/ Research Grade	3
2	Benzene (500ml)	Good Quality	1
3	Conc.Nitric Acid (500ml)	Sigma Aldrich/ Merck/Equivalent Quality/ Research Grade	1
4	Copper Sulphate Pentahydrate (200 g)	Sigma Aldrich/ Merck/Equivalent Quality/ Research Grade	1
5	De ionized water (5L)	Good Quality	2
6	Ethanol (absolute alcohol) 500 ml	Sigma Aldrich/ Merck/Equivalent Quality/ Research Grade	1
7	Gloves (Pckt containing 100 nos)	Good Quality	2
8	Glycerine (500 ml)	Good Quality	2
9	Manganese Sulfate (500g)	Sigma Aldrich/ Merck/Equivalent Quality / Research Grade	2
10	Mercury (1 kg)	Good Quality	1
11	N95 Mask (Pckt containing 100 nos)	Good Quality	2
12	Organic dyes MB, MR and MO	Sigma Aldrich/ Merck/Equivalent Quality/ Research Grade	1
13	Silver powder (10g)	Sigma Aldrich/ Merck/Equivalent Quality/ Research Grade	1
14	Sodium borohydride (200g)	Sigma Aldrich/ Merck/Equivalent Quality/ Research Grade	1
15	Toluene(500ml)	Good Quality	1
Quote the unit price and total price for each item along with make and quality of item.			



Dr. Jolly Bose R
Associate Professor
Dept. of Physics

DEPARTMENT OF BIOCHEMISTRY

GOVERNMENT COLLEGE KARIAVATTOM

LIST OF CHEMICALS TO BE PURCHASED UNDER THE PLAN FUND 2022-2023

Sl. No.	NAME OF ITEM	SPECIFICATIONS	QTY
1	FOLIN CIOCALTEAU REAGENT, 250ML	MERCK/ CDH/HIMEDIA	10
2	SODIUM CARBONATE, 500G	MERCK/ CDH/HIMEDIA	3
3	O-TOLUIDINE, 500 ML	MERCK/ CDH/HIMEDIA	5
4	SODIUM SULPHATE, 500G	MERCK/ CDH/HIMEDIA	10
5	ACETIC ACID, 2.5 L	MERCK/ CDH/HIMEDIA	10
6	ETHYL ALCOHOL (ETHANOL, ABSOLUTE) (FOR LAB USE)	MERCK/ CDH/HIMEDIA	5
7	SULPHURIC ACID, 2.5 L	MERCK/ CDH/HIMEDIA	5
8	2,2-DIPHENYL-1-PICRYL HYDRAZYL, 1G	SIGMA - ALDRICH	1
9	BOVINE ALBUMIN, FRACTION V, 25G	MERCK/ CDH/HIMEDIA	2
10	SODIUM TUNGSTATE, 250G	MERCK/ CDH/HIMEDIA	2
11	ORCINOL, 10G	MERCK/ CDH/HIMEDIA	2
12	FERRIC CHLORIDE ANHYDROUS, 500G	MERCK/ CDH/HIMEDIA	2
13	SODIUM NITROPRUSSIDE, 100G	MERCK/ CDH/HIMEDIA	5
14	PHLOROGLUCINOL, 25G	MERCK/ CDH/HIMEDIA	2

Department of Industrial Chemistry

LIST OF CHEMICALS TO BE PURCHASED UNDER PLAN FUND 2022-2023

Sl. No	NAME OF ITEM	SPECIFICATION S	QTY
1	Sulphuric Acid 500ml	Merck – Concentrated 98%	10
2	Hydrochloric Acid 500ml	Merck - Concentrated	2
3	Nitric Acid 500ml	Merck - Concentrated	2
4	Sodium Hydroxide 500g	Merck-pellet	4
5	Ammonium Chloride 500g	Merck	2
6	Ammonium Carbonate 500g	Merck	1
7	Ammonium Hydroxide 500ml	Merck	6
8	Acetone	Merck	1
9	Oxalic Acid 500g	Merck	4
10	Ferrous Ammonium Sulphate	Merck	8
11	Manganese Dioxide 500g	Merck	1
12	Ferrous Sulphate 500g	Merck	1
13	Methyl Orange 125ml	Merck	2
14	Phenolphthalein 125ml	Merck	2
15	Borches Reagent 125ml	Merck	1
16	Schiffs Reagent 125ml	Merck	1
17	Barium Chloride 500g	Merck	2
18	Sodium Carbonate 500g	Merck	2
19	Phenol 500ml	Merck	2
21	Benzoyl chloride 500ml	Merck	1

Proposal for the purchase under plan fund 2022-2023**Department of botany , government college kariavattom****Consumables (chemicals)**

Sl no	Name of items	Quantity	Number
1	Formaldehyde (5L)	5L	1
2	Glacial acetic acid	500ml	2
3	Labolene	500ml	3
4	Glycerol	500ml	3

HEAD
Department of Botany
Govt. College Kariavattom
Kariavattom



Department of Zoology ,Government College Kariavattom
Plan Fund- Proposal : Chemicals 2022-23

Sl.No.	Items	Quantitiy
1	Antiserum ABD (10 ML Each)	10
2	Acetocarmie stain (100 ml)	10
3	Benedicts Reagent (500 ml)	10
4	Chloroform (500ml)	2
5	Copper Sulphate (500 g)	4
6	Detol solution(100ml)	5
7	Fehlings Solution A (500ml)	10
8	Fehlings Solution B (500ml)	10
9	Formaldehyde (500ml)	2
10	Glacial Acetic acid (500ml)	4
11	D glucose powder (500g)	2
12	Isopropyl alcohol (500ml)	10
13	Lampsolv (400ml)	20
14	Manganous sulphate(500g)	5
15	Methylene blue(125 ml)	5
16	N-Butanol (500ml)	10
17	Ninhydrin stain (Liquid) /solution (125 ml)	10
18	Phenolphthalein solution(125 ml)	10
19	Potassium hydroxide pellets(500g)	2
20	Potassium iodide(500g)	1
21	Sodium chloride(500g)	1
22	Sodium Hydroxide pellets(500g)	2
23	Sodium thiosulphate(500g)	5
24	Starch powder (500g)	1
25	Sulphosalicylic acid (125 ml)	10
26	Suphuric acid (500ml)	2
27	Wright's stain (125 ml)	10
28	Egg albumin powder (250gx4)	4

DEPARTMENT OF BIOTECHNOLOGY

PROPOSAL FOR THE PURCHASE UNDER PLAN FUND FOR THE YEAR 2022-23

Head: For the purchase of Chemicals

Sl No	Name of Chemical	Use/Specification	Quantity required	Remarks/ Justification
1	ABO blood grouping kit	good quality	2	for immunology lab at S4
2	Diluent for DNA extraction	Reagent grade EtOH 99.9%	3L	for crude DNA isolation, S3
3	CHAPS(3-[(3-cholamidopropyl)dimethylammonio]-1-propanesulfonate)	Analytical grade	100 g	Sigma, Himedia Molecular Biology experimentation
4	DTT (dithiothreitol)	for cell culture assay	100 g	Sigma, Himedia Molecular Biology experimentation
5	Hand sanitiser with isopropanol	pure grade	500ml X 5	Molecular Biology experimentation
6	MS media	pure grade sachet for 1 litre media	10	S5 Plant Biotechnology Tissue culture
7	ammonium chloride	Analytical grade	500g	Merck/himedia sterilant in culture expts, S5

8	Potassium acetate	Analytical grade	500g	Merck/himedia Media, Microbiology I
9	Methanol	Metabolite extraction - Analytical grade	500 g	Solvent extraction
10	Bromothymol blue	stain	200 ml	Merck/himedia Microbiology, selection stain
11	Filter paper	normal sheets	100 nos	Merck/himedia Solvent extraction
12	Formaldehyde	sterilent	500 ml	Merck/himedia fumigation of culture labs
13	antibiotic disc	10 types of antibiotics	1 bottle each	for Kirby Bauer Test , zone determination
14	Chloroform	Metabolite extraction Analytical grade	500 ml X 4	Merck/himedia Solvent extraction
15	Hexane	Metabolite extraction Analytical grade	500 ml	Merck/himedia Solvent extraction
16	Petroleum Ether	Metabolite extraction	500 ml	Merck/himedia Solvent extraction
17	Gram stain kit	good quality	2	Microbiology Major lab for
18	Acetone	Metabolite extraction	500 ml	Merck/himedia Solvent extraction
19	Ammonia	pure	500 ml	Solvent extraction

20	Acetic acid	Analytical Grade	1lite	chemical reactant
21	Benzene	Analytical Grade	1lite	chemical reactant
22	Hydrogen peroxide	Plant enzyme – assay -Analytical Grade	1lite	Sterilant, for enzyme assays
23	Ammonium ferrous(II) sulphate	Plant enzyme – assay Analytical Grade	500g	for enzyme assays
24	Sorbitol	Plant enzyme – assay Analytical Grade	100g	for enzyme assays
25	Xylenol	Plant enzyme – assay Analytical Grade	500ml	for enzyme assays
26	Nitro blue tetrazolium (NBT)	Plant enzyme – assay Analytical Grade	mg	Merck/himedia for enzyme assays
27	lancet	sterile	2 packet (100 nos each)	Blood extraction
28	Plastic gloves	disposable	100 nos X 2	General purpose
29	Tissue paper	Good quality	30 roll	General purpose
30	Sterile face Mask	Disposable, sterile	100 nos	General purpose

Submitted HOD, Dept. of Biotechnology