

OFFICE OF THE PRINCIPAL

SREE NARAYANA COLLEGE, ALATHUR

Tender Notice

Sealed tenders are invited for the purchase of Laboratory chemicals/Glassware/Equipment for the year 2023-24. Cost of the tender form is Rs. 600/- and should be paid in the office of the College. An amount of Rs. 108/- (18% GST) should be paid in the GST department and the original receipt of the same need to be submitted in the office. Details of the materials to be purchased are available in the office and in the website of the College www.sncollegealathur.com. Last date for the purchase of tender form is 15/11/2023, 2.30 pm and filled up tender will be accepted up to 15/11/2023, 3.30 pm. Tender will be opened in the office of the Principal at 3.30 pm on 15/11/2023.

Alathur

10/10/2023

PRINCIPAL

From

ANNEXURE 2

To

Principal

Sree Narayana College, Alathur

Erattakulam P.O.,

Palakkad – Dt., Kerala - 678682

Sir,

I/We hereby tender to supply, under the annexed general conditions of the contract; the whole of the articles referred to and described in the attached specification and schedule, at the rates quoted against each item. The articles will be delivered within the time and at the places specified in the schedule.

*I/We am/are remitting/have separately remitted the required amount of ` (Rupees only) as earnest money.

Yours faithfully

Signature

Address... ..

Date:

*(To be scored in cases where no earnest money deposit is furnished)

(General Conditions on the reverse)

GENERAL CONDITIONS

Sealed tenders are invited for the supply of the materials as specified in the schedule attached.

1. The tenders should be addressed to the Principal, Sree Narayana College, Alathur, Erattakulam P.O., Palakkad – Dt. Kerala - 678682 in a sealed cover with the tender number and name shown below duly superscribed on the cover.

2. The tenders should be in the prescribed form which can be obtained from the Principal, Sree Narayana College, Alathur, Erattakulam P.O., Palakkad – Dt. Kerala- 678682 on payment of the price which is also noted below. Duplicate copies of tender forms will also be issued at the rate specified below. The cost of tender forms once paid will not be refunded. Tenders which are not in the prescribed form are liable to be rejected. The rates quoted should be only in Indian currency. Tenders in any other currency are liable to rejection.

3. Intending tenderers should send their tenders by post so as to reach the Principal, on due date and time (noted below). No tender received after the specified date and time will be accepted on any account. The rates will be considered firm for acceptance till 31/05/2023. Tenders not stipulating a period of firmness and tenders with a price variation clause and/or subject to prior sale conditions are liable to be rejected.

4. (a) Every tenderer who has not registered his name with the state Government (Stores Purchase Department), should send along with his tender, an earnest money of Rs.1500 (Rs. One thousand five hundred only). The amount may be paid by Demand Drafts (crossed) on the local branch of State Bank of India drawn in favour of the Principal, Sree Narayana College, Alathur. Cheques will not be accepted. The earnest money of the unsuccessful tenderers will be returned within a period of one month after the tenders are settled, but that of the successful tenderer will be adjusted towards the security that will have to be deposited for the satisfactory fulfillment of the contract. If the Earnest Money Deposit of the successful tenderer is not refunded within three months of finalization of the contract interest at the rate of interest paid for S.B. accounts by nationalized banks will be paid on the Earnest Money Deposit.

(b) Tenderers whose names are registered with the Government (Stores Purchase Department) are exempted from furnishing earnest money for such articles for which they have registered their names. If they tender for stores other than those for which they have registered their names, they will have to furnish earnest money as in the case of unregistered firms. Registered firms will have to quote in the tender they submit the registration number assigned to them by the Stores Purchase Department.

The relevant clauses of the Store Purchase Manual, Revised Edition – 2013, Govt. of Kerala will be applicable in the cases of payment of earnest money.

5. The tenders will be opened on the appointed day and time in the office of the undersigned, in the presence of such tenderers or their nominees who may be present at that time.

6. If any tenderer withdraws from his tender before the expiry of the period fixed for keeping the rates firm for acceptance, the earnest money if, any, deposited by him will be forfeited to College or such action taken against him as College thinks fit.

7. Tenderers shall invariably specify in their tenders the delivery conditions including the time required for the supply of articles tendered for.

8. (a) The tenderer shall clearly specify, wherever applicable, whether the articles offered bear the Indian Standards Institution Certification Mark or not. In such cases, they shall produce

copies of the Certification mark along with their tender in support of it.

(b) Tenderers shall clearly specify, wherever applicable, whether the goods are offered from indigenous sources, from imported stocks in India, or from foreign sources to be imported under a license. The College reserves the right to reject offers for the import of goods if the Import Trade Control Policy in force at the time of award of the contract prohibits or restricts such imports.

9. The final acceptance of the tenders rests entirely with the College who do not bind themselves to accept the lowest or any tender. But the tenderers on their part should be prepared to carry out such portion of the supplies included in their tenders as may be allotted to them.

10. In the case of materials of technical nature the successful tenderer should be prepared to guarantee satisfactory performance for a definite period under a definite penalty.

11. The successful tenderer (the tenderer whose tender is accepted and to whom the supply order is issued) shall execute an agreement for the due fulfillment of the contract within the period to be specified in the letter of acceptance. The contractor shall have to pay all stamp duty, lawyers' charges, and other expenses incidental to the execution of the agreement. Failure to execute the agreement within the period specified will entail the penalties set out in para 12 below.

12. (a) The successful tenderer (called the Contractor hereafter) shall, before signing the agreement and within the period specified in the letter of acceptance of his tender deposit a sum equivalent to 5 percent of the value of the contract as security for the satisfactory fulfillment of the contract less the amount of money deposited by him along with his tender. The amount of security may be deposited in the manner prescribed in clause 4 supra or in Government Treasury Savings Bank and the Pass Book pledged to the Principal or in Fixed Deposit Receipts of State Bank of India endorsed in favour of the above officer. Letters of guarantee in the prescribed form for the amount of security from an approved Bank will also be considered enough at the discretion of the Principal. If the successful tenderer fails to deposit the security and execute the agreement as stated above, the earnest money deposited by him will be forfeited to the College and contract arranged elsewhere at the defaulter's risk and any loss incurred by College on account of the purchase will be recovered from the defaulter who will, however, not be entitled to any gain accruing thereby.

(b) In cases where a successful tenderer, after having made partial supplies fails to fulfil the contracts in full, all or any of the materials not supplied may at the discretion of the Principal, be purchased by means of another tender/ quotation or by negotiation or from the next higher tenderer who had offered to supply already and the loss, if any, caused to the College shall thereby together with such sums as may be fixed by the College towards damages be recovered from the defaulting tenderer.

(c) Even in cases where no alternate purchases are arranged for the materials not supplied, the proportionate portion of the security deposit based on the cost of the materials not supplied at the rate shown in the tender of the defaulter shall be forfeited and balance alone shall be refunded.

(d) If the successful tenderer fails to deliver all or any of the stores or perform the service within the time/period(s) specified in the contract, the College shall without prejudice to its other remedies under the contract, deduct from the contract price as liquidated, damages, a sum equivalent to 0.5% or 1% of the delivered price of the delayed stores or unperformed services for each week of delay until actual delivery or performance, up to a maximum deduction of 10% of the contract prices of the delayed stores or services. Once the maximum is reached, the Principal will consider termination of the contract at the risk and cost of the contractor.

13. The security deposit shall, subject to the conditions specified herein, be returned to the contractor within three months after the expiration of the contract, but in the event of any dispute arising between the College and the contractor, the College shall be entitled to deduct out of the deposits or the balance thereof, until such dispute is determined the amount of such damages, costs, charges, and expenses as may be claimed. The same may also be deducted from any other sum which may be due at any time from the College to the contractor. In all cases where there are guarantees for the goods supplied the security deposit will be released only after the expiry of the guarantee period. If the Security is not released even after the completion of one year, from the date of expiry of the period of the contract provided there are no complaints against the contractor, interest at the rate of interest paid for S.B. accounts by nationalized banks will be paid on the Security Deposit.

14. (a) All payments to the contractors will be made by the Principal in due course by Departmental cheques payable at the Kerala Government Treasuries.

(b) All incidental expenses incurred by the College for making payments outside the district in which the claim arises shall be borne by the contractor.

15. The tenderers shall quote also the percentage of rebate (discount) offered by them in case the payment is made promptly within fifteen days/within one month of taking delivery of stores.

16. Payments will be made only after the complete supplies are actually received, verified and taken to stock. Bank charges incurred in connection with payment against documents through bank will be to the account of the contractor.

17. The contractor shall not assign or make over the contract on the benefits or burdens thereof to any other person or body corporate. The contractor shall not underlet or sublet to any person or persons or body corporate the execution of the contract or any part thereof without the consent in writing of the Principal who shall have absolute power to refuse such consent or to rescind such consent (if given) at any time if he is not satisfied with the manner in which the contract is being executed and no allowance or compensation shall be made to the contractor or the sub-contractor upon such rescission. Provided always that if such consent be given at any time, the contractor shall not be relieved from any obligation, duty or responsibility under this contract.

18. (a) In case the contractor becomes insolvent or goes into liquidation, or makes or proposes to make any assignment for the benefit of his creditors or proposes any composition with his creditors for the settlement of his debts, carries on his business or the contract under inspection on behalf of or his creditors, or in case any receiving order or orders, for the administration of his estate are made against him or in case the contractor shall commit any act of insolvency or case in which under any clause or clauses of this contract the contractor

shall have rendered himself liable to damages amounting to the whole of his security deposits, the contract shall, thereupon, after notice given by the Principal to the contractor, be determined and the College may complete the contract in such time and manner and by such persons as the College shall think fit. But such determination of the contract shall be without any prejudice to any right or remedy of the College against the contractor or his sureties in respect of any breach of contract therefore committed by the contractor. All expenses and damages caused to College by any breach of contract by the contractor shall be paid by the contractor to College, and may be recovered from him under the provisions of the Revenue Recovery Act in force in the State.

19. (a) In case the contractor fails to supply and deliver any of the said articles and things within the time provided for delivery of the same, or in case the contractor commits any breach of any of the covenants, stipulations and agreements herein contained, and on his part to be observed and performed, then and in any such case, it shall be lawful for College(if theyshall think fit to do so) to arrange for the purchase of the said articles and things from elsewhere or on behalf of the College by an order in writing under the hand of the Principal put an end to this contract and in case the College shall have incurred,sustained or been put to any costs, damages or expenses by reason of such purchase or by reason of this contract having been so put an end to or in case any difference in price, compensation, loss, costs, damages, expenses or other money shall then or any time duringthe continuance of this contract be payable by the contractor to the College under and by virtue of this contract, it shall be lawful for the College from and out of any moneys for the time being payable or owing to the contractor from the College under or by virtue of this contract or otherwise to pay and reimburse to the College all such costs, damages and expenses they may have sustained, incurred or been put to by reason of the purchase made elsewhere or by reason of this contract having been so put an end to as aforesaid and also all such difference in price, compensation, loss, costs, damages, expenses and other moneys as shall for the time being be payable by the contractor aforesaid.

(b) In case any difference or dispute arises in connection with the contract, all legal proceeding relating to the matter shall be instituted in the Court within whose jurisdiction the College exists.

20. Any sum of money due and payable to the contractor (including security deposit returnable to him) under this contract may be appropriated by the Principal or College or any other person authorized by College and set off against any claim of the Principal or College for the payment of a sum of money arisingout of or under any other contract made by the contractor with the Principal or College or any other person authorized by College. Any sum of money due and payable to the successful tenderer or contractor from College shall be adjusted against any sum of money due to College from him under any other contracts.

21. Every notice hereby required or authorized to be given may be either given to the contractor personally or left at his residence or last known place of abode or business, or may be handed over to his agent personally, or may be addressed to the contractor by post at his usual or last known place of abode or business and if so addressed and posted, shall be deemed to have been served on the contractor on the date on which, in the ordinary course of post, a letter so addressed and posted would reach his place of abode or business.

22. The tenderer shall undertake to supply materials according to the standard sample and/or specifications.

23. No representation for enhancement of rates once accepted will be considered.
24. Any attempt on the part of the tenderers or their agents to influence the College in their favour by personal canvassing with the staff concerned will disqualify the tenderers.
25. Tenderers should be prepared to accept orders subject to the penalty clause for forfeiture of security in the event of default in supplies or failure to supply within the stipulated period.
26. Samples should be forwarded if called for and unapproved samples go back by the tenderers at their own cost. Samples sent by V.P. Post or „freight to pay“ will not be accepted. The approved samples may or may not be returned at the discretion of the undersigned. Sample sent by post, railway, or plane should be so despatched as to reach the Principal not later than the date on which the tenders are due. In the case of samples sent by railway, the receipt should be sent separately and not along with the tender since the tender will be opened only on the appointed day and demurrage will have to be paid if the railway parcels are not cleared in time. The college will not be responsible if any sample is found missing at any time due to the non-observance of the provisions of this clause. Tenderers whose samples are received late will not be considered. Samples should be forwarded under separate cover duly listed and the corresponding number of the item in the tender schedule should also be noted in the list of samples. Tenders for the supply of materials are liable to be rejected unless samples, if called for, of the materials tendered for are forwarded.
27. Telegraphic quotations will not be considered unless they give details of prices and are immediately followed by confirmation with full relevant details posted before the due date of the tender.
28. The prices quoted should be inclusive of all taxes, duties cesses, G.S.T. etc., which are or may become payable by the contractor under existing or future laws or rules of the country of origin/supply or delivery during the course of execution of the contract.
29. The tenderer will invariably furnish the following certificate with their bills for payment:-
 “Certified that the goods on which sales tax/GST has been charged have not been exempted under the Central Sales Tax Act or States Sales Tax Act or GST rules or the Rules made thereunder and the charges on account of sales tax on these goods are correct under the provisions of the relevant Act or the rules made thereunder, Certified further that we (or our Branch or agent) (Address).....
 are registered as dealers in the State of
 under Registration No. for purposes of sales tax.”
30. Special conditions, if any, of the tenderers attached with the tenders will not be applicable to the contract unless they are expressly accepted in writing by the purchaser.
31. The tenderer should send along with his tender an agreement executed and signed in Kerala Stamp Paper of value Rs. 200/- purchased in the Kerala State. A specimen form of agreement is also given below. Tenders without the agreement in stamped paper will be rejected outright. But in deserving cases where agreement has not been received, the Principal may exercise his discretion and call upon such tenderer to execute the agreement within a period of ten days from the date of issue of such intimation, if the Principal is satisfied that the omission to forward the agreement along

with the tender was due to causes beyond the control of the tenderer and was not due to any negligence on his part. Agreement received from a tenderer after the above time limit will not be considered.

Superscription	Tender No PD/01/LAB/2023-2024, for Laboratory chemicals/Glassware/Equipment
Last date and time up to which tender forms are available:	15.11.2023, 2.30 pm
Due date and time for receipt of tender:	15.11.2023, 3.30 pm
Date and time for opening of tender:	15.11.2023, 3.30 pm
Date up to which the rates are to be firm:	31.05.2023
Price of tender form:	Rs. 600/- + GST (18%)
Price of duplicate copy:	Rs. 200/- + GST (18%)
Address of Officer from whom tender forms are to be obtained and to whom tenders are to be sent:	Principal, Sree Narayana College, Alathur, Erattakulam P.O., Palakkad – Dt., Kerala – 678682
Whether samples essential:	No
Period within which goods should be delivered:	Shall be mentioned in the supply order
List of chemicals/glassware/equipment:	See the list attached
Conditions	The rates quoted should include all expenditures, GST/any other taxes applicable, transportation costs etc. until the delivery of the items at the office of the Principal, Sree Narayana College, Alathur, Erattakulam P.O., Palakkad – Dt., Kerala – 678682

Alathur
10.10.2023

Principal
Sree Narayana College, Alathur

Seal

AGREEMENT

Articles of agreement executed on this the day of
..... between the Principal, Sree Narayana College,
Alathur (hereinafter referred to as “the Principal”) of the one
part and
Shri.....
(H.E. name and address of the tenderer) (hereinafter referred to as “the bounden”) of the other
part.

WHEREAS in response to the Notification No..... datedthe
bounden has submitted to the College a tender for the
specification therein subject to the terms and conditions contained in the said tender;

WHEREAS the bounden has also deposited with the College a sum of
`..... as earnest money for the execution of an
agreementundertaking the due fulfillment of the contract in case his tender is accepted by the
College.

NOW THESE PRESENTS WITNESS and it is hereby mutually agreed as follows:

1. In case the tender submitted by the bounden is accepted by the College and the contract for
..... is awarded to the bounden, the bounden shall within
..... days of acceptance of his tender execute an agreement with the College
incorporating all the terms and conditions under which the College accepts his tender.
2. In case the bounden fails to execute the agreement as aforesaid incorporating the terms and
conditions governing the contract, the College shall have power and authority to recover from
the bounden any loss or damage caused to the College by such breach as may be determined
by the College by appropriating the earnest money deposited by the bounden and if the earnest
money is found to be inadequate the deficit amount may be recovered from the bounden and
his properties movable and immovable in the manner hereinafter contained.
3. All sums found due to the College under or by virtue of this agreement shall be recoverable
from the bounden and his properties movable and immovable under the provisions of the
Revenue Recovery Act for the time being in force as though such sums are arrears of land
revenue and in such other manner as the College may deem fit.

In witness whereof Dr. N.S. Rajendran, Principal for and on behalf of the College, and Sri.
..... Bounden have hereunto set their hands the day
and year shown against their respective signatures.

Signed by Sri. (date)

In the presence of witnesses:

1.
2.

Signed by Sri. (date)

In the presence of witnesses:

1.

2.

SREE NARAYANA COLLEGE, ALATHUR


List laboratory materials to be purchased during 2023-24

Department of Chemistry, S N College Alathur: List of Chemicals Quotation PD 23-24			
Sl.No	Item Name	Unit	Make
1	Acetanilide	500g	Nice/Isochem
2	Acetic acid Glacial LR	2.5 L	Nice/Isochem
3	Acetone LR	500 ml	Nice/Isochem
4	Acetone LR	2.5 L	Nice/Isochem
5	Acetophenone	500 ml	Nice/Isochem
6	Aluminium Acetate	500g	Nice/Isochem
7	Aluminium Fluoride	500g	Nice/Isochem
8	Aluminium Nitrate LR	500g	Nice/Isochem
9	Aluminium sulphate 18H ₂ O	500g	Nice/Isochem
10	Ammonia Solution(Liq. Ammonia 25%) LR	2.5 L	Nice/Isochem
11	Ammonia Solution(Liq. Ammonia 25%) LR	5.0 L	Nice/Isochem
12	Ammonium acetate LR	500g	Nice/Isochem
13	Ammonium Carbonate LR	500g	Nice/Isochem
14	Ammonium Chloride LR	500 g	Nice/Isochem
15	Ammonium Chloride LR	5Kg	Nice/Isochem
16	AmmoniumFerrous sulphate hexahydrate LR	500g	Nice/Isochem
17	AmmoniumFerrous sulphate hexahydrate AR	500g	Nice/Isochem
18	AmmoniumFerric sulphate (Ferric alum) LR	500g	Nice/Isochem
19	AmmoniumFerric sulphate (Ferric alum) AR	500g	Nice/Isochem
20	Ammonium Fluoride	500 g	Nice/Isochem
21	Ammonium Nitrate	500 g	specify the brand
22	Ammonium Oxalate monohydrate LR	500 g	Nice/Isochem
23	Ammonium Phosphate	500 g	Nice/Isochem
24	Ammonium sulphate	500 g	Nice/Isochem
25	Ammonium thiocyanate	500 g	Nice/Isochem
26	Aniline	500 ml	Nice/Isochem
27	Barium Acetate	500 g	Nice/Isochem
28	Barium Carbonate	500 g	Nice/Isochem
29	Barium Chloride dihydrate LR	500 g	Nice/Isochem
30	Barium Chloride dihydrate AR	500 g	Nice/Isochem
31	Barium nitrate LR	500g	Nice/Isochem
32	Benzaldehyde	500 ml	Nice/Isochem
33	Benzamide	500g	Nice/Isochem
34	Benzene LR	500ml	Nice/Isochem
35	Benzoic Acid	500g	Nice/Isochem
36	Benzophenone LR	500 g	Nice/Isochem
37	Benzoylchloride	500ml	Nice/Isochem
38	Benzyl Chloride	500ml	Nice/Isochem
39	Biphenyl	250 g	Nice/Isochem
40	Borax	500 g	Nice/Isochem
41	Boric acid	500 g	Nice/Isochem
42	Borsche's Reagent	125ml	Nice/Isochem
43	Bromine	One Box	Nice/Isochem
44	Calcium Acetate	500 g	Nice/Isochem
45	Calcium Carbonate	500 g	Nice/Isochem
46	Calcium Chloride dihydrate LR	500 g	Nice/Isochem
47	Calcium Chloride fused	500 g	Nice/Isochem

48	Calcium Nitrate LR	500g	Nice/Isochem
49	Calcium Oxalate	500 g	Nice/Isochem
50	Calcium Sulphate anhydrous LR	500 g	Nice/Isochem
51	Calcium Sulphate dihydrate LR	500 g	Nice/Isochem
52	Camphor	250	Nice/Isochem
53	Chloro benzene	500ml	Nice/Isochem
54	Chromotography paper		
55	Cinnamic Acid	500 g	Nice/Isochem
56	Cobalt Nitrate hexahydrate LR	100g	Nice/Isochem
57	Copper sulphate LR		
58	Cupric nitrate LR	500 g	Nice/Isochem
59	Demineralised water	5 L	Nice/Isochem
60	1,4-Dichlorobenzene	00/250/500	Nice/Isochem
61	Dimethylglyoxime	00/250/500	Nice/Isochem
62	2,4-Dinitrophenyl hydrazine	25 g	Nice/Isochem
63	Diphenylamine	250 g	Nice/Isochem
64	Disodiumhydrogen phosphate LR	500 g	Nice/Isochem
65	EDTA disodium salt LR	500g	Nice/Isochem
66	EDTA disodium salt AR	500 g	Nice/Isochem
67	Eriochrome Black-T solution	125 ml	Nice/Isochem
68	Ethyl Benzoate	500 ml	Nice/Isochem
69	Fehling Solution A	500 ml	Nice/Isochem
70	Fehling Solution B	500 ml	Nice/Isochem
71	Ferrie Chloride Anhydrous	500 g	Nice/Isochem
72	Ferrous Sulphate heptahydrate LR	500g	Nice/Isochem
73	Ferrous Sulphide sticks	1 Kg	Nice/Isochem
74	Filter paper 40 (Whatman) 11 cm diameter	Packet	Whatman
75	Filter paper 40 Ordinary	Sheet	
76	Filter paper 41(whatman) 11 cm diameter	Packet	Whatman
77	Filter paper 41 ordinary	Sheet	
78	Filter paper (Whatman 1) 11 cm diameter	Packet	Whatman
79	Filter paper 1 Ordinary	Sheet	
80	Filter Paper Ordinary	Sheet	Kalpi
81	First Aid Box		
82	Glucose	500g	Nice/Isochem
83	Glycerol LR	500ml	Nice/Isochem
84	Glycerol LR	2.5 L	Nice/Isochem
85	Hydrochloric acid LR	2.5 L	Nice/Isochem
86	Hydrochloric acid LR	5 L	Nice/Isochem
87	Iodine	100 g	Nice/Isochem
88	Isopropyl alcohol (2-Propanol) LR	500 ml	Nice/Isochem
89	Isopropyl alcohol (2-Propanol) LR	2.5 L	Nice/Isochem
90	Lead Dioxide LR	500 g	Nice/Isochem
91	Lead acetate	500 g	Nice/Isochem
92	Lead carbonate	500 g	Nice/Isochem
93	Lead nitrate	500 g	Nice/Isochem
94	Magnesium Acetate	500g	Nice/Isochem
95	Magnesium Carbonate	500g	Nice/Isochem
96	Magnesium Chloride	500g	Nice/Isochem
97	Magnesium Nitrate hexahydrate LR	500 g	Nice/Isochem

98	Magnesium Sulphate hepthydrate LR	500 g	Nice/Isochem
99	Manganese Acetate	500ml	Nice/Isochem
100	Manganese Carbonate	500 g	Nice/Isochem
101	Manganese Chloride	500 g	Nice/Isochem
102	Manganese Nitrate LR	500 ml	specify the brand
103	Magneson reagent LR	500 ml	
104	Mercuric chloride	100g	Nice/Isochem
105	Methyl Orange Indicator solution LR	125 ml	Nice/Isochem
106	Methyl Salicylate	500 ml	Nice/Isochem
107	Muroxide	5 g	Nice/Isochem
108	Naphthalene	500g	Nice/Isochem
109	1-Naphthol(Alpha Naphthol)	250g	Nice/Isochem
110	2-Naphthol(Beta Naphthol)	250g	Nice/Isochem
111	N-Phenylanthranilic acid LR	25 g	Nice/Isochem
112	Nessler's Reagent LR	125 ml	Nice/Isochem
113	Nickel ammonium sulphate hexahydrate	250 g	Nice/Isochem
114	Nickel Nitrate LR	250	Nice/Isochem
115	Ninhydrin solution	125 ml	Nice/Isochem
116	Nitric Acid LR	2.5litre	Nice/Isochem
117	Nitro Benzene	500ml	Nice/Isochem
118	Oxalic acid LR	500 g	Nice/Isochem
119	Oxalic acid AR	500 g	Nice/Isochem
120	Paraffin wax LR	500 g	Nice/Isochem
121	Phenol LR	500ml	Nice/Isochem
122	Phenolphthalein Solution LR	125 ml	Nice/Isochem
123	Phenyl hydrazine hydrochloride	100 g	Nice/Isochem
124	Phthalic acid	500 g	Nice/Isochem
125	Phthalic anhydride		
126	Picric acid	500 g	Nice/Isochem
127	Potassium Chromate LR	500 g	Nice/Isochem
128	Potassium Dichromate LR	500 g	Nice/Isochem
129	Potassium Dichromate AR	500 g	Nice/Isochem
130	Potassium Ferricyanide LR	250 g	Nice/Isochem
131	Potassium Ferrocyanide LR	100 g	Nice/Isochem
132	Potassium Iodate LR	100 g	Nice/Isochem
133	Potassium Iodide LR	100 g	Nice/Isochem
134	Potassium Permanganate LR	500 g	Nice/Isochem
135	Potassium Sulphate	500 g	Nice/Isochem
136	Potassium Thiocyanate LR	500 g	Nice/Isochem
137	Resorcinol	250 g	Nice/Isochem
138	Salicylic acid	500 g	Nice/Isochem
139	Schiff's Reagent	125 ml	Nice/Isochem
140	Silver Nitrate LR	10 g	Nice/Isochem
141	Silver Nitrate LR	25 g	Nice/Isochem
142	Sodium Bicarbonate	500 g	Nice/Isochem
143	Sodium Carbonate anhydrous LR	500 g	Nice/Isochem
144	Sodium Chloride LR	500g	Nice/Isochem
145	Disodiumhydrogen orthophosphate anhydrous LR	500 g	Nice/Isochem
146	Sodium Hydroxide peletts LR	500g	Nice/Isochem
147	Sodium Metal	500 g	Nice/Isochem

148	Sodium Nitrate anhydrous LR	500 g	Nice/Isochem
149	Sodium Thiosulphate pentahydrate (Hypo) LR	500 g	Nice/Isochem
150	Sodium Thiosulphate pentahydrate (Hypo) AR	500 g	Nice/Isochem
151	Stannous Chloride LR	100 g	Nice/Isochem
152	Starch Soluble LR	500 g	Nice/Isochem
153	Strontium Carbonate	500 g	Nice/Isochem
154	Strontium Chloride	500 g	Nice/Isochem
155	Strontium Nitrate LR	500 g	Nice/Isochem
156	Sulphuric acid LR	2.5 L	Nice/Isochem
157	Sulphuric acid LR	5 L	Nice/Isochem
158	Tin Metal granules	100 g	Nice/Isochem
159	Urea	500g	Nice/Isochem
160	Zinc Acetate	500g	Nice/Isochem
161	Zinc Carbonate	500g	Nice/Isochem
162	Zinc Chloride	500g	Nice/Isochem
163	Zinc dust	500g	Nice/Isochem
164	Zinc Nitrate LR	500g	Nice/Isochem
165	Zinc Sulphate heptahydrate LR	500g	Nice/Isochem


 HEAD DEPT. OF CHEMISTRY
 SREE NARAYANA COLLEGE
 Alathur, Palakkad-678 682


Department of Chemistry, S N College Alathur List of Equipments - Quotation PD 22-23			
Sl. No	Items	Specification	Company
1	Centrifuge (Laboratory)	6*15 ml. Swing out head, Outer body made of fiber glass and paint finished	Kemi/Remi/ Rotek
2	Electrin Bunsen Burner	SS body, cylinder, Heat control regulator	Kemi/Remi/ Rotek/Equivalent
3	Hot air Oven	45*45*45; Outer body SS, Inner body Aluminium	Kemi/Remi/ Rotek
4	Infra red Light	For laboratory purpose (Drying)	
5	Melting Point Apparatus	1-300 Degre , Cylindrical Aluminium block material	Any good brand
6	Refractometer	Brix : 45 to 93% Min Scale : 0.5% Accuracy : $\pm 0.5\%$, Refractive Index nd : 1.3000 - 1.7000	Any good brand
7	Wegining banalce two digit	Two digit	Any good Brand
8	Stop watch		Any good Brand
9	Thermometer graduated		Any good Brand
10	Vacuum Pump	For College Laboratory purpose. (Oil)	Any good Brand


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Department of Chemistry, S N College Alathur: List of Glasswares Quotation 23-24		
Sl. No.	Item	Remark/ specification
1	Beaker - Low form, with graduate and spout Borosilicate glass-100 ml	Specify the brand
2	Beaker - Low form, with graduate and spout Borosilicate glass -250 ml	Specify the brand
3	Beaker - Low form, with graduate and spout Borosilicate glass -500 ml	Specify the brand
4	Beaker - Low form, with graduate and spout Borosilicate glass -1000 ml	Specify the brand
5	Beaker - Low form, with graduate and spout - PP-50 ml	Specify the brand
6	Beaker - Low form, with graduate and spout - PP-100 ml	Specify the brand
7	Beaker - Low form, with graduate and spout PP -250 ml	Specify the brand
8	Beaker - Low form, with graduate and spout - PP-500 ml	Specify the brand
9	Beaker - Low form, with graduate and spout - PP -1000 ml (Jug)	Mention the rate of single piece and packet
10	Beaker - Low form, with graduate and spout - PP -2000 ml(Jug)	Mention the rate of single piece and packet
11	Boiling tube - (25*150) - borosil	Mention the rate of single piece and packet
12	Boss Head	Material Cast Iron, black painted, Use with retort stand & Condenser Clamp
13	Buchner Funnel -100 mm	
14	Burette clamp mild steel	Mention the rate of single piece and packet
15	Burette Stand	Stand material: Cast Iron, black painted; Rod Material, mild steel, chrome plated with L-Key
16	Burette - Straight bore stock glass Class B - 50 ml	Borosil
17	Burette Stand Wooden	Specify the brand
18	Burette stopper Ring	
19	Butter paper	
20	Capillary tube - one Box	
21	Centrifuge tube 15 ml Conical Bottom PP	Specify the brand
22	China dish 6 cm	
23	Clay pipe triangle 5.5x5.5x5.5	Specify the brand
24	Clamp Universal	Cork Lined, Material Aluminium diecasted, powder coated, MS Rod chrome plated
25	Condenser (to connect 250 ml RB) - Vertical Air	
26	Condenser (to connect 250 ml RB) - Liebig	
27	Conical flask - Narrow mouth graduated borosilicate -250 ml	Specify the brand
28	Cork Borer Set : German pattern superior quality set of 6	
29	Cork - Double hole fitted for Boiling tube of(25*150)	

30	Cork- without hole No 8	
31	Desicator plain with lid	Specify the brand
32	Dropping Bottle 60 ml PP	Specify the brand
33	Dropping Bottle 125 ml PP	Specify the brand
34	Dropping Bottle 60 ml Borosilicate	Specify the brand
35	Dropping Bottle 125 ml Borosilicate	Specify the brand
36	Dropper plastic 3 ml PP	Specify the brand
37	Dropper glass 8"	Specify the brand
38	Funnel - Plain, Long stem, Borosilicate - 75 mm	Specify the brand
39	Funnel holder -Iron ring clamp	Specify the brand
40	Glass rod long / piece	
41	Ignition tube	
42	Glass rod long / Kg	
43	Kipps Apparatus - Borosilicate glass	500 ml
44	Kipps Apparatus -Plastic	500 ml
45	Laboratory Tray -PP- 450 x 350 x 75 mm.	
46	Laboratory Tray -PP - 375 x 300 x 75 mm.	
47	Measuring cylinder - PP - 10 ml	Specify the brand
48	Measuring cylinder - PP - 25 ml	Specify the brand
49	Measuring cylinder - PP - 50 ml	Specify the brand
50	Measuring cylinder - PP - 100 ml	Specify the brand
51	Measuring cylinder - PP - 250 ml	Specify the brand
52	Measuring cylinder - PP - 500 ml	Specify the brand
53	Measuring cylinder - PP - 1000 ml	Specify the brand
54	Measuring cylinder - PP - 2000 ml	Specify the brand
55	Micro burette -5ml	
56	Micro test tube -5 ml	
57	Mortar and Pestle - 3 inch (Porcelain)	
58	Rubber Cone (Buchner funnel of 100 mm)	
59	Reagent Bottles : wide Mouth, Flat stoppered Soda Glass 250 ml	Specify the brand
60	Reagent Bottles : wide Mouth, Flat stoppered Soda Glass 500 ml	Specify the brand
61	Reagent Bottles : Narrow Mouth, Flat stoppered Soda Glass 250 ml	Specify the brand
62	Round Bottom Flask -250 ml	
63	Silica crucible without lid - low form (2.5x4.5 cm) 25 ml	Specify the brand
64	Silica crucible - lid porcelain	
65	Sintered crucible (pore 4)	Specify the brand
66	Spatula SS 6" (one end spoon and other end flat)	Specify the brand
67	Spatula SS 8" (one end spoon and other end flat)	Specify the brand
68	Spatula Nickel 6" (one end spoon and other end flat)	Specify the brand
69	Spatula Nickel -8" (one end spoon and other end flat)	Specify the brand
70	Stalagnometer - Borosilicate glass	Specify the brand
71	Standard (Volumetric) flask with stopper - borosil - 100 ml	
72	Standard (Volumetric) flask with stopper - borosil - 250 ml	
73	Standard (Volumetric) flask with stopper - borosil - 1000 ml	
74	Stop watch -Digital	
75	Test tube - borosilicate(for heating) - 15x125 - borosil	
76	Test Tube - (5-7 ml Capacity)	
77	Test tube brush medium	Specify the brand
78	Test tube brush small	Specify the brand
79	Test tube brush - Nylon bristles	Specify the brand

80	Test tube holder - Sliding Pattern, Brass With Wooden Handle :	Specify the brand
81	Test tube stand plastic	Specify the brand
82	Tile white 6x6	Specify the brand
83	Tongs SS 8"	Specify the brand
84	Thermometer 110 Yellow B/G 12" 1/10 precision	Specify the brand
85	Thermometer 110, 18" 1/10 precision	Specify the brand
86	Tripod stand 100*200 or 8"x5"	Specify the brand
87	Viscometer - Ostwald College pattern - Borosilicate glass	Specify the brand
88	Wash bottle 500 ml (PE)	Specify the brand
89	Watch glass - 4 inch diameter	Specify the brand
90	Weighing bottle 25*50	Specify the brand
91	Wire gauze with frame 6x6	Specify the brand


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DEPARTMENT OF MICROBIOLOGY
LIST OF INSTRUMENTS FOR THE YEAR 23-24

	INSTRUMENTS		specification
S.NO	ITEM	No. required	8x15ml capacity speed
1	centrifuge	1	10000RPM

LIST OF CHEMICALS REQUIRED 23-24

S.No	Chemicals	No. required
1	Agar Agar	2
2	Nutrient agar	2

LIST OF CHEMICALS REQUIRED 23-24

Sl no	Glass ware	Number required
1	Durhams tubes	100 numbers

List of lab equipments required for Physics lab
(2023-24)

Sl no	Name of equipment
1	Rheostat 20 ohm
2	Rheostat 40 ohm
3	Single way key
4	Galvanometer
5	Milli Ammeter -range up to 1000 mA
6	Micro ammeter-range up to 500 μ A
7	Thin connecting wires (Jumper wires)- one role for bread board
8	12 Volt Battery Eliminator
9	Compass box for deflection magnetometer

Department of Botany
Chemicals, Glassware & Equipment

SI No.	Item	Make
1.	Acetocarmine solution	Nice
2.	Barfoed's solution	Nice
3.	Benedict reagent	Nice
4.	Biuret reagent	Nice
5.	Bovine serum albumin	Nice
6.	Calcium chloride	Nice
7.	Copper sulphate	Nice
8.	Cotton blue	Nice
9.	Crystal violet solution	Nice
10.	Ferric chloride	Nice
11.	Glycerine	Nice
12.	Hopkins Cole reagent	Nice
13.	Hydrochloric acid	Nice
14.	Iodine solution	Nice
15.	Magnesium sulfate	Nice
16.	Molisch's reagent	Nice
17.	Ninhydrin solution	Nice
18.	Nitric acid	Nice
19.	Petroleum ether 60 - 80 C	Nice
20.	Safranin powder	Nice
21.	Safranin solution	Nice
22.	Seliwanoff's reagent	Nice
23.	Sodium hydroxide	Nice
24.	Sodium hydroxide pellete	Nice
25.	sodium thiosulphate	Nice
26.	Starch powder	Nice
27.	Sucrose	Nice
28.	Sulphuric acid	
29.	Xylene	
30.	DPX	
31.	Rubber cork (size 8,9 & 10)	
32.	Ganongs potometer	
33.	Ganongs respirometer	
34.	Absorbo transpiro meter	
35.	Whatmann No. 1 Chromatogrphy paper sheets 3MM sheets, 46 x 57 cm	
36.	Test Tubes With Rim (Approx. O.D. x Length 12 x 100)	
37.	Funnels Buchner type 80ml	
38.	Grafting knife	
39.	Pruning knife Hooked	

40.	Pruning shear (HEDGE SHEAR)	
41.	Pruning secateur Small	
42.	Trowel (Small)	
43.	Hand fork	
44.	Hand Cultivator	
45.	Hand weeder	
46.	Water can for gardening (2 litre)	
47.	Wash bottle (250 ml)	
48.	Dropping Bottle, Plastic 60ml	
49.	Dropping bottle T. K. Type : Capacity— 30 ml (1 oz)	
50.	Cavity slide	
51.	Petridish (150mm X15mm)	
52.	Plastic tray (23.5 cm x 15 cm x 5 cm)	
53.	Stainless Steel Laboratory Tray without cover 12"×10"	
54.	Test tube brush	
55.	Slide Box 50 slides	
56.	Slide Box 100 slides	
57.	Test tube stand Plastic	
58.	Aluminium test tubes stand	
59.	Pipette stand horizontal	
60.	Coplin Jar for 10 slides. Plastic	
61.	Coplin Jar for 10 slides. Glass	
62.	Test tube holders	
63.	Bunsen Burner	
64.	Microslide plain 75 x 25 mm	Blue star
65.	Cover glass 19mm Circular	Blue star
66.	Cover glass (Square) 18 x 18mm	Blue star
67.	Cover glass 18mm Circular	Blue star
68.	Cavity block with cover 40x40mm	
69.	Pestle mortar for grinding 11.5 cm	
70.	Reagent bottles with Narrow mouth dustproof cover 125 ml	
71.	Spirit lamp with Brass/Aluminium wick Holders 125 ml / 60 ml	
72.	Glass Dropper 8 ml	
73.	Laboratory Centrifuge C-852 4x15 ml	Remi
74.	Laboratory Centrifuge C-854 6x15 ml	Remi
75.	Godrej Qube 30 Litres Frost Free Single Door Refrigerator with Solid State Electronic Cooling (TEC QUBE 30L HS Q103, Black)	Godrej
76.	Refrigerator below 190 L capacity 3star	

DEPARTMENT OF ZOOLOGY
LIST OF CHEMICALS AND EQUIPMENTS

Sl. No.	Chemicals
1	Acetocarmine solution
2	Barfoeds reagent
3	Biuret reagent
4	Benedicts reagent
5	Beaker
6	Beaker
7	Beaker
8	Blood lancets
9	Blood testing kit
10	Blotting paper
11	BOD bottle
12	Bovine serum albumine
13	Burette
14	Conical flask
15	Cover glass
16	Cover slip (square)
17	Cotton roll
18	Dissection board
19	Dissection hammer
20	Dropper
21	Fehlings A & B solution
22	Glass slides
23	Glycerine
24	Glucose
25	Hydrochloric acid
26	Iodine solution
27	Magnesium sulphate
28	Methylene blue solution
29	Micrometer
30	Molischs reagent
31	Nitric acid
32	pH paper
33	pH meter
34	Phenolphthalein solution
35	Pipette
36	Pipette
37	Pipette
38	Pipette
39	Potassium hydroxide
40	Pottassium iodide
41	Sodium hydroxide
42	Sodium thiosulphate
43	Spirit
44	Starch powder
45	Sulphuric acid
46	Sphygmomanometer
47	Test tubes
48	Test tube stand

49	Test tube holder
50	Test tube cleaning brush small
51	Tissue paper large
52	White porcelain tiles
53	Mysis larva
54	Nauplius larva
55	Elver larva
56	Megalopa larva
57	Bonellia
58	Insect net (round)
59	Insect sweep net
60	Rabbit skull
61	Rabbit pelvic girdle
62	Rabbit pectoral girdle
63	Isopropanol
64	Alcohol
65	Borax carmine stain
66	Concentrated Hydrochloric acid
67	Xylene
68	DPX
69	Acetic acid
70	Methanol
71	Acetocarmine stain
72	Glacial acetic acid
73	Giemsa stain
74	Carmine
75	Janusgreen

No.	EQUIPMENT
1	BEAKER - 250 ml
2	BEAKER- 1000 ml
3	BEAKER - 500 ml
4	BLOTTING PAPER
5	BURETTE- 50ML.
6	BURETTE STAND
7	COMPOUND MICROSCOPE
8	CONICAL FLASK- 250ml
9	CONICAL FLASK- 500ml.
10	COVER SLIP 18X18mm. Square
11	DISSECTION HAMMER
12	DISSECTION BOARD
13	DISSECTION HAMMER rubber
14	DROPPER WITH RUBBER TEAT 15cm.
15	EXTENSION CORD
16	FILER/ DROPPER
17	HAND LENS & STAND
18	INSECT BOX - wooden
19	INSECT NET
20	MAGNIFYING LENS- large

21	MAGNIFYING LENS- small
22	MEASURING CYLINDER -100 ml
23	MEASURING CYLINDER- 10ml
24	MICROSLIDE PLAIN
25	MONOCULAR LABORATORY MICROSCOPE HB
26	MUSLIN CLOTH
27	NEEDLE-
28	OCULAR MICROMETER
29	pH PAPER
30	PIPETTE- 10ml
31	PIPETTE- 1ml
32	PIPETTE- 20ml
33	PIPETTE- 25ml
34	PIPETTE- 2ml
35	PIPETTE- 50ml
36	PIPETTE- 5ml
37	PIPETTE STAND(MICROPPPETTE)
38	PLASTIC DISSECTION TRAY
39	PORCELAIN TILE
40	REAGENT BOTTLE 30ML
41	SLIDE 1.35mm.
42	STAGE MICROMETER
43	TEST TUBE CLEANING BRUSH
44	TEST TUBE HOLDER
45	TEST TUBE STAND STEEL
46	TEST TUBES WITH GRADUATED WITH RIM (10ml)
47	TISSUE PAPER
48	WASH BOTTLE 250 ml.
49	WHATSMANN FILTER PAPER
50	BINOCULAR RESEARCH MICROSCOPE
51	RESEARCH MICROSCOPE
52	BINOCULAR MICROSCOPE
53	STEREO BINOCULAR MICROSCOPE
54	MONOCULAR RESEARCH MICROSCOPE
55	SPIRIT LAMP
56	STUDENT MONOCULAR MICROSCOPE

From,

Dr. N.S. Rajendran
Assistant Professor,
Dept. of Biochemistry
Sree Narayana College, Alathur

To,

The Principal,
Sree Narayana College, Alathur

Respected Madam,

Sub: Purchase of laboratory materials during 2023-24 – the forwarding of request and list – reg.

Kindly find the list of laboratory materials required in the Biochemistry laboratory. humbly request you to do the needful to purchase the same for this academic year.


Sl. No.	Name of material
1	Colorimeter
2	Electrophoresis apparatus (complete set)
3	Chromatography paper (Whatman No.1)
4	Acetic acid
5	Acetone
6	Barfoed's reagent
7	Benedict's reagent
8	Biuret reagent
9	Hydrochloric acid
10	Iodine solution
11	Molisch reagent
12	Ninhydrin reagent
13	Nitric acid
14	Petroleum ether
15	Seliwanoff's reagent
16	Sodium hydroxide
17	Sulphuric acid

Thanking you,

Alathur
23/06/2023

N. S. Rajendran
23/06/23

Yours faithfully,


Dr. N. S. Rajendran
23/06/23