



SREE NARAYANA COLLEGE, NATTIKA

(ESTD. IN 1967)

MANAGED BY THE SREE NARAYANA TRUSTS, KOLLAM
AFFILIATED TO THE UNIVERSITY OF CALICUT & RE-ACCREDITED BY NAAC WITH B+ GRADE (CYCLE III)

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Principal

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SREE NARAYANA COLLEGE, NATTIKA SHORT TENDER NOTICE

Tender No: SNCN/DBT/2024/02

Sealed tenders are invited for the purchase of laboratory items chemicals, glasswares and other recurring items from sanctioned under the DBT-STAR College Strengthening Grant, awarded by the Department of Biotechnology (DBT) The same is to reach the undersigned on or before 3.30 pm on 17-02-2024. For more details kindly visit www.sncollegenattika.in

Nattika

07/02/2024

Principal

PRINCIPAL
SREE NARAYANA COLLEGE
NATTIKA



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SREE NARAYANA COLLEGE, NATTIKA

Phone No : 0487-2391246

NOTICE INVITING SHORT TENDER

Tender No: SNCN/DBT/2024/02

Sealed tenders are invited for the purchase of laboratory items chemicals, glass wares and other recurring items from sanctioned under the DBT-STAR College Strengthening Grant, awarded by the Department of Biotechnology (DBT),. Sealed Tenders super scribed as "Tender for the supply of recurring items under DBT,Sree Narayana College, Nattika" should reach the undersigned on or before 3.30 pm on 17-02-2024 and the same will be opened at 19.02.24 10.00am. Detailed notification and bid documents may be downloaded from www.sncollegenattika.in

Name of work	Purchase of laboratory items (equipments, chemicals, glass wares etc.)
Estimate Amount	Rs. 240000/-
Earnest Money Deposit (EMD)	Rs. 4000/-
Tender Fee	Rs. 590/--(Rs 500+90-GST)
Last Date & time of submission of tender	17/02/2024 3.30 PM
Date & time of opening of tender	19/02/2024 10.00 AM

The selected firm should supply the items immediately on receipt of the purchase order. The list of items are enclosed herewith.

Nattika
07-02-2024



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Principal

PRINCIPAL
SREE NARAYANA COLLEGE
NATTIKA

List of Laboratory items, Chemicals and Glasswares

SL. NO	PARTICULATE	QUANTITY	ITEM CODE
1	Titanium tetraisopropoxide 98% pure	500 ml	Che 1
2	Isopropyl alcohol (2-Propanol) - Extra pure	2.5 L	Che 2
3	Acetone	2.5L	Che 3
4	Methylene Blue - powder	25g	Che 4
5	Crystal violet - powder	25g	Che 5
6	Zinc Nitrate - Extra pure	500 g	Che 6
7	Zinc sulphate Extra pure	500g	Che 7
8	Zinc chloride - Extra pure	500 g	Che 8
9	Agar-agar media GR	250g	Che 9
10	Sodium alginate	250g	Che 10
11	Deionized Water	2.5 L	Che 11
12	Di sodium hydrogen phosphate	500 gm	Che 12
13	Hexanoic acid	100/250 ml	Che 13
14	Diethanolamine	500 ml	Che 14
15	Strontium acetate	250/500g	Che 15
16	Strontium titanate	250/500g	Che 16
17	Barium titanate	250/500g	Che 17
18	Barium acetate	250/500 g	Che 18
19	Phosphorous oxychloride	500 ml	Che 19
20	N, N- Dimethylformamide	500 ml	Che 20
21	Malononitrile	100 ml	Che 21
22	Hexane	2.5 L	Che 22
23	Chloroform	500 ml	Che 23
24	Acetone	2.5 L	Che 24
25	Molecular sieves	500 gm	Che 25
26	2-Naphthylamine	100 gm	Che 26
27	2-Amino pyridine	100 gm	Che 27
28	3-Amino benzaldehyde	100 gm	Che 28
29	3-Amino acetophenone	100 gm	Che 29
30	Polyethylene glycol	500 gm	Che 30
31	Formaldehyde	500 ml	Che 31
32	Triisocyanate	100 gm	Che 32
33	Fe ₃ O ₄ Magnetic powder	25 gm	Che 33
34	Clay	100 gm	Che 34
35	Tetraethyl ortho silicate	250 ml	Che 35
36	Stannous chloride	250 gm	Che 36
37	Sodium carbonate	1 Kg	Che 37
38	Hydrogen Peroxide	1 L	Che 38
39	Mohrs salt	1 kg	Che 39
40	Silver nitrate	25 gm	Che 40
41	Disodium hydrogen phosphate	500 gm	Che 41
42	EDTA	100gm	Che 42
43	Eriochrome Black T	25gm	Che 43
44	Ammonia buffer	250gm	Che 44
45	Zinc sulfate	500gm	Che 45



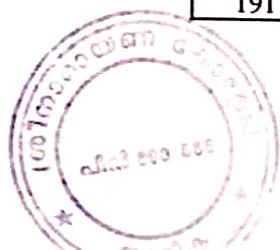
46	Sodium sulfate	500 gm	Che 46
47	Sodium Chloride	500 gm	Che 47
48	Sodium silicate granules	250 gm	Che 48
49	Citric acid	500 gm	Che 49
50	Formalin	500 gm	Che 50
51	Beaker – 500 ml	1	Che 51
52	Beaker – 1L	1	Che 52
53	Beaker - 100 ml	1	Che 53
54	Dropper glass 8"	1	Che 54
55	Petridish – Diameter 100mm	1	Che 55
56	Nickel spatula - medium	1	Che 56
57	Centrifuge tube 15 ml with stopper – (plastic)	1 PKT	Che 57
58	Test tube – 10 ml	1	Che 58
59	Test tube – 15 ml	1	Che 59
60	Magnetic stirrer 1L with heating	1	Che 60
61	Magnetic Stirrer 2L with heating	1	Che 61
62	Magnetic beads – 1cm	1	Che 62
63	Magnetic beads – 2cm	1	Che 63
64	Magnetic beads – 3cm	1	Che 64
65	Magnetic beads – 4cm	1	Che 65
66	Heating mantle – 1L	1	Che 66
67	Heating mantle – 2L	1	Che 67
68	Silica Crucible – 25 ml	1	Che 68
69	Prism	4	Phy 1
70	Grating	4	Phy 2
71	Quartz prism	2	Phy 3
72	Hollow prism	4	Phy 4
73	Stop watch	4	Phy 5
74	Galvanometer	2	Phy 6
75	Ammeter	2	Phy 7
76	Voltmeter(0-12v)	2	Phy 8
77	Six way key	4	Phy 9
78	Thermocouple	2	Phy 10
79	Screw gauge	4	Phy 11
80	Vernier calipers	2	Phy 12
81	Grating stand	4	Phy 13
82	Lens(plano convex, Newton's ring)	4	Phy 14
83	Plane mirrors	4	Phy 15
84	Magnets (7.5cm,5cm)	4	Phy 16
85	DCC wire	100m	Phy 17
86	Meter scale	4	Phy 18
87	Mercury	100gm	Phy 19
88	Compass box	4	Phy 20
89	Digital thermometer	2	Phy 21
90	Extension code	2	Phy 22
91	Reading lens	4	Phy 23
92	Table lamp	4	Phy 24
93	Battery	4	Phy 25



94	A4 paper	1packet	Phy 26
95	Beakers(50ml,100ml)	4	Phy 27
96	Glass slide(76mmx26mmx0.95-1.15mm)	2packet	Phy 28
97	Burette	2	Phy 29
98	Glass rods	2	Phy 30
99	Acetone	500ml	Phy 31
100	Distilled water	10 litre	Phy 32
101	Glass cutter	2	Phy 33
102	Spatula	4	Phy 34
103	Forceps	4	Phy 35
104	Transformer	4	Phy 36
105	Weight box	4	Phy 37
106	Diodes(IN 4007)	20	Phy 38
107	Zener diode(6v)	20	Phy 39
108	Transistor BC107	20	Phy 40
109	IC 741	10	Phy 41
110	CRO probe	4	Phy 42
111	UPS	2	Phy 43
112	High resistance wire	10metre	Phy 44
113	Torsion pendulum wire	10metre	Phy 45
114	Nichrome wire	10metre	Phy 46
115	Kerosine	3litre	Phy 47
116	KMnO ₄	50g	Phy 48
117	Newton's ring lens holder	4	Phy 49
118	Bread board	4	Phy 50
119	Molybdenum wire and boat	10	Phy 51
120	Tissue paper	4 packets	Phy 52
121	Butter paper	4 packets	Phy 53
122	Oil paper	4 packets	Phy 54
123	Filter paper	4 packets	Phy 55
124	Mercury lamp	1	Phy 56
125	Sodium vapour lamp	1	Phy 57
126	Lead	1	Phy 58
127	Wax	1	Phy 59
128	Soldering iron	2	Phy 60
129	Benedict's Reagent	500ml	Zoo 1
130	Fehling's solution A	125mL	Zoo 2
131	Fehling's Solution B	125mL	Zoo 3
132	Sodium Hydroxide	500gm	Zoo 4
133	Copper Sulphate	500gm	Zoo 5
134	Nitric acid	500mL	Zoo 6
135	Leishman's Stain	500mL	Zoo 7
136	Hydrochloric Acid	500mL	Zoo 8
137	Neutral Red	25gm	Zoo 9
138	Sulphuric Acid	500mL	Zoo 10
139	Hydrochloric Acid	500mL	Zoo 11
140	Biuret Reagent	125mL	Zoo 12
141	Mohlish Reagent	125mL	Zoo 13
142	Salwanoff's Reagent	125mL	Zoo 14



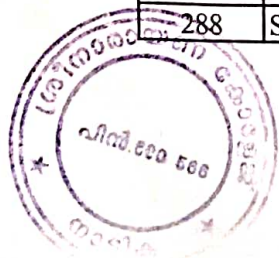
143	Phosphoric acid	500mL	Zoo 15
144	Saffranine Solution	125mL	Zoo 16
145	Crystal Violet solution	125mL	Zoo 17
146	Ortho toluedene blue solution	500mL	Zoo 18
147	glucose	500gm	Zoo 19
148	Maltose	500gm	Zoo 20
149	Fructose	500gm	Zoo 21
150	Lactose	500gm	Zoo 22
151	Sucrose	500gm	Zoo 23
152	Starch	500gm	Zoo 24
153	Sodium bicarbonate	500mL	Zoo 25
154	Sodium citrate	500mL	Zoo 26
155	Cadmium acetate	500mL	Zoo 27
156	Bromophenol blue solution	500mL	Zoo 28
157	Methylene blue stain solution	500mL	Zoo 29
158	Acetocarmine	125mL	Zoo 30
159	Glycerine	500mL	Zoo 31
160	Sodium Chloride	500gm	Zoo 32
161	Potassium hydroxide	500gm	Zoo 33
162	Potassium Chloride	500gm	Zoo 34
163	Sodium Carbonate	500gm	Zoo 35
164	Iodine solution	125mL	Zoo 36
165	Ammonium Hydroxide	500gm	Zoo 37
166	Sudan III	50gm	Zoo 38
167	Manganese sulphate	500gm	Zoo 39
168	Potassium iodide	100gm	Zoo 40
169	Sodium thiosulphate	500gm	Zoo 41
170	Phenolphthalene	125mL	Zoo 42
171	Ammonium Sulphate	500gm	Zoo 43
172	Sodium potassium tartarate	500gm	Zoo 44
173	Sodium nitroprusside	500gm	Zoo 45
174	Acetic acid	500mL	Zoo 46
175	Ferric Chloride	500gm	Zoo 47
176	Alpha naphthol	100gm	Zoo 48
177	Anti A B D	2 kits	Zoo 49
178	BOD bottle (300mL)	50 No.	Zoo 50
179	Conical Flask (250mL)	10 No.	Zoo 51
180	Conical Flask (100mL)	10 No.	Zoo 52
181	Funnel (large)	5 No.	Zoo 53
182	Funnel (small)	5 No.	Zoo 54
183	Measuring cylinder (10mL)	5 No.	Zoo 55
184	Measuring cylinder (25mL)	5 No.	Zoo 56
185	Measuring cylinder (100mL)	10 No.	Zoo 57
186	Measuring cylinder (500mL)	5 No.	Zoo 58
187	Beaker (100mL)	5 No.	Zoo 59
188	Beaker (250mL)	10 No.	Zoo 60
189	Beaker (500mL)	5 No.	Zoo 61
190	Beaker (1000mL)	3 No.	Zoo 62
191	Dropper	30 No.	Zoo 63



192	Watch glass (small)	15 No.	Zoo 64
193	Watch glass (large)	15 No.	Zoo 65
194	Petriplates	2 pack of 10	Zoo 66
195	Pipettes (10mL)	10 No.	Zoo 67
196	Pipettes (5mL)	10 No.	Zoo 68
197	Pipettes (1mL)	10 No.	Zoo 69
198	Pipettes (15mL)	10 No.	Zoo 70
199	Burette with stand	20 No.	Zoo 71
200	Test tubes (10mL)	100 No.	Zoo 72
201	Test tubes (15mL)	50No.	Zoo 73
202	Cover slip (Round and large)	40pckts	Zoo 74
203	Blotting paper	2 rolls	Zoo 75
204	Specimen Bottles	10No.	Zoo 76
205	Acetic acid -500ml	500ml	Bot 1
206	Acetic anhydride -500ml	500ml	Bot 2
207	Acetone-500ml	500ml	Bot 3
208	Acetonitrile (merk for hplc)-500ml	500ml	Bot 4
209	Acridine orange-50gm	50gm	Bot 5
210	Alcian blue-50gm	50gm	Bot 6
211	Alkaline copper reagent-125ml	125ml	Bot 7
212	Aluminium chloride-250ml	250ml	Bot 8
213	Aluminum trichloride -250ml	250ml	Bot 9
214	Ammonia-500,ml	500ml	Bot 10
215	Aniline blue-250,ml	250ml	Bot 11
216	Anthrone reagent-500,ml	500ml	Bot 12
217	Astra blue-125ml	125ml	Bot 13
218	Benedict's reagent-250ml	250ml	Bot 14
219	Benzene-500ml	500ml	Bot 15
220	Bismuth nitrate -250ml	250ml	Bot 16
221	Cadmium chloride-250gm	250gm	Bot 17
222	ChCl ₃ -500ml	500ml	Bot 18
223	Chloroform -500ml	500ml	Bot 19
224	Chromium sulphate-500gm	500gm	Bot 20
225	Cobalt chloride-500gm	500gm	Bot 21
226	Cobalt sulphate-gm	250gm	Bot 22
227	Conc.ammonium hydroxide-500ml	500ml	Bot 23
228	conc.HCL-500ml	500ml	Bot 24
229	Dil.HCL-500ml	500ml	Bot 25
230	Coomassie blue-100gm	100gm	Bot 26
231	Copper acetate-250gm	250gm	Bot 27
232	Copper chloride-250gm	250gm	Bot 28
233	Copper sulphate-500gm	500gm	Bot 29
234	Cuprous sulphate-500gm	500gm	Bot 30
235	Diethyl ether -500ml	500ml	Bot 31
236	Dragendorff's reagent -125ml	125ml	Bot 32
237	Ethanol -500ml	500ml	Bot 33
238	Ethyl acetate-500ml	500ml	Bot 34
239	FeCl ₃ -250mg	250mg	Bot 35



240	Fehling's reagent-500ml	500ml	Bot 36
241	Ferric chloride solution 250ml	250ml	Bot 37
242	Ferrous sulfate heptahydrate -250gm	250gm	Bot 38
243	Folin- ciocalteu reagent -125ml	125ml	Bot 39
244	Formaldehyde-500ml	500ml	Bot 40
245	Formic acid (merk for hplc)-500ml	500ml	Bot 41
246	gallic acid -125gm	125gm	Bot 42
247	Gelatin250mg	250mg	Bot 43
248	Glacial acetic acid -500ml	500ml	Bot 44
249	Glycerin-500ml	500ml	Bot 45
250	CON.H2so4 -500ml	500ml	Bot 46
251	Hager's reagent-125ml	125ml	Bot 47
252	Iodine-100gm	100gm	Bot 48
253	Lead acetate -250gm	250gm	Bot 49
254	Lead iodide -250 gm	250gm	Bot 50
255	lead sulphate-250gm	250gm	Bot 51
256	Linalool - 250 ml	250ml	Bot 52
257	Lugol's reagent-250ml	250ml	Bot 53
258	Mayer's reagent-250ml	250ml	Bot 54
259	Mercuric chloride-250gm	250gm	Bot 55
260	Methanol -500ml	500ml	Bot 56
261	Molisch's reagent -125ml	125ml	Bot 57
262	N,n-dimethyl-p-phenylenediamine-125 gm	125gm	Bot 58
263	Na2 EDTA-250 gm	250gm	Bot 59
264	Naphthol -250ml	250ml	Bot 60
265	n-butanol 500ml	500ml	Bot 61
266	Neutral red -125gm	125gm	Bot 62
267	Nile blue-125gm	125gm	Bot 63
268	Ninhydrin reagent -125 ml	125ml	Bot 64
269	Olive oil -125 ml	125ml	Bot 65
270	Periodic acid -500ml	500ml	Bot 66
271	Petroleum ether-500ml	500ml	Bot 67
272	Phenol-500ml	500ml	Bot 68
273	Phloroglucinol-250 ml	250ml	Bot 69
274	Picric acid -250ml	250ml	Bot 70
275	Potassium dichromate-250gm	250gm	Bot 71
276	potassium ferrocyanid-250gm	250gm	Bot 72
277	potassium iodide -250gm	250gm	Bot 73
278	pottassium acetate 250gm	250gm	Bot 74
279	Pyridine -250ml	250ml	Bot 75
280	Quercitin -125,gm	125gm	Bot 76
281	Rubeanic acid-125ml	125ml	Bot 77
282	Ruthenium red-125 gm	125gm	Bot 78
283	Safranin o-125 ml	125ml	Bot 79
284	Schiff's reagent-125ml	125ml	Bot 80
285	Sodium carbonate-250gm	250gm	Bot 81
286	Sodium chloride-125gm	125gm	Bot 82
287	Sodium hydroxide-250gm	250gm	Bot 83
288	Sodium metabisulfite-125 gm	125gm	Bot 84



289	Sodium nitrate-125 gm	125gm	Bot 85
290	Sodium phosphate dibasic heptahydrate-125gm	125gm	Bot 86
291	Sodium phosphate monobasic monohydrate-125gm	125gm	Bot 87
292	Sodium potassium tartarate-125gm	125gm	Bot 88
293	Sodium tetraborate-125gm	125gm	Bot 89
294	Sudan black B-125gm	125gm	Bot 90
295	Sudan iv-100gm	100gm	Bot 91
296	Synthetic resin-100gm	100gm	Bot 92
297	Tannic acid-250ml	250ml	Bot 93
298	Tartaric acid-250ml	250ml	Bot 94
299	Vanillin-100gm	100gm	Bot 95
300	Water (hplc grade)-500ml	500ml	Bot 96
301	Xylene-500ml	500ml	Bot 97
302	Zinc nitrate-250gm	250gm	Bot 98
303	A-naphthol-500.ml	500ml	Bot 99
304	Agar-500gm	500gm	Bot 100
305	Mercuric chloride 500gm	500gm	Bot 101
306	Sodium hypochlorite -500ml	500ml	Bot 102
307	MS media-500gm	500gm	Bot 103
308	Perchloric acid-250ml	250ml	Bot 104
309	Epoke Crystal Clear Epoxy	2 kg	Bot 105
310	Chromecast(branded)	2 nos	Bot 106
311	CTAB (Cetyltrimethylammonium bromide)	1-2 g	Mol 1
312	NaCl (Sodium Chloride)	8.12 g	Mol 2
313	EDTA (Ethylenediaminetetraacetic acid)	0.372 g	Mol 3
314	Tris-HCl (pH 8.0)	1.21 g	Mol 4
315	β -mercaptoethanol	100 μ l per 100 ml of CTAB solution	Mol 5
316	Chloroform:isoamyl alcohol (24:1)	100 ml	Mol 6
317	Isopropanol	100 ml	Mol 7
318	Ethanol (70% and absolute)	200 ml each	Mol 8
319	RNase A	10 mg	Mol 9
320	aq DNA polymerase	500 U	Mol 10
321	10X PCR buffer	2 ml	Mol 11
322	dNTP mix (2.5 mM each)	1 ml	Mol 12
323	MgCl ₂ (25 mM)	1 ml	Mol 13
324	Forward primer	100 μ l (10 μ M)	Mol 14
325	Reverse primer	100 μ l (10 μ M)	Mol 15
326	Nuclease-free water	10ml	Mol 16
327	Agarose	50g	Mol 17
328	1X TAE buffer or 1X TBE buffer	1 L	Mol 18
329	Ethidium bromide or SYBR Safe DNA gel stain	20ul	Mol 19
330	Loading dye	1ml	Mol 20
331	DNA ladder	1 ml	Mol 21
332	Microcentrifuge tubes (1.5-2 ml)	300nos	Mol 22
333	PCR tubes or strips (0.2 ml)	300nos	Mol 23
334	Pipette tips (10 μ l, 200 μ l, 1000 μ l)	1 box each	Mol 24
335	Gloves(S,M,L)	1 box each	Mol 25



336	Disposable plastic pipettes or graduated cylinders	100nos	Mol 26
337	Glass or plastic beakers	100nos	Mol 27
338	Mortar and pestle or bead beater	2nos	Mol 28
339	Vortex mixer	1 nos	Mol 29
340	Gel casting trays and combs	10 Nos	Mol 30
341	UV transilluminator teaching puprose	1	Mol 31
342	Micropipettes (P10, P200, P1000)	1 box each	Mol 32
343	Waste Bins	5nos	Mol 33
344	UV Lamp(1 feet size 12V) with adaptor	1 nos	Mol 34



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