



No. A1/512//2025

Date:27.3.2025

Tender Notice

Sealed tenders are invited for the supply of following items with specifications detailed below. The bidders are requested to give rate of the following items.

Total Amount of Purchase : Rs 3,000,00/- EMD – 1 % of tender amount as DD in favour of the Principal, Mahatma Gandhi College

Sl. No.	Description	Specifications	Quantity
Department of Zoology			
1	LAMPOSOLV FOR SPIRIT LAMP	250 mL	2
2	Schiff's Reagent	100 mL	3
3	RBC Diluting Fluid	500 mL	2
4	WBC Diluting Fluid	500 mL	2
5	NESSLER'S REAGENT	100 mL	2
6	POTASSIUM DICHROMATE	500 g	1
7	POTASSIUM CHROMATE	500 g	1
8	POTASSIUM PERMANGANATE	500 g	1
9	Sodium Hydroxide	500 g	3
10	Potassium Hydroxide	500 g	2
11	Agar agar	500 g	1
12	Ortho Phosphoric Acid	500 mL	1
13	Potassium Iodide	100 g	1
14	Leishmann's Stain - NICE CHEMICALS	250 mL	3
15	COPPER SULPHATE	500 g	1
16	CHOLESTEROL POWDER	250 g	1
17	SODIUM CARBONATE	500 g	2
18	SULPHURIC ACID	500 mL	6

19	HYDROCHLORIC ACID	500 mL	3
20	Diphenyl amine	500 mL	1
21	Neutral Red powder (10G)		1
22	Silver Nitrate	25 g	2
23	Sodium Sulphide	500 g	1
24	DPX mountant	500 mL	1
25	Formalin	500 mL	6
26	Chromatography paper- Whatman No. 1 - large sheets - CDH		3 SHEETS
27	SODIUM THIOSULPHATE	500 g	1
28	AMMONIA WATER	500 g	2
29	ERIOCHROME BLACK	25 g	1
30	ACETOCARMINE STAIN	250 mL	2
31	PHENOPHATHLEIN SOLUTION	100 mL	3
32	D- GLUCOSE	500 g	2
33	STARCH POWDER	500 g	1
34	METHYL RED INDICATOR SOLUTION	100 mL	2
35	SODIUM IODIDE	25 g	2
36	SULPHOSALICYLIC ACID SOLUTION	500 mL	2
37	ACETIC ACID - GLACIAL	500 mL	1
38	ISO-PROPYL ALCOHOL	500 mL	2
39	ACETIC ACID AR QUALITY	500 mL	3
40	ANTHRONE	25 g	1
41	HISTIDINE	100 g	2
42	VALINE	100 g	2
43	NINHYDRIN SOLUTION	100 mL	2
44	PROLINE	100 g	2
45	CHLOROFORM	500 mL	1
46	BUTANOL	500 mL	2
47	MANGANESE SULPHATE	500 g	2
	GLASSWARES		
48	SLIDES		10

49	BEAKER 500 ML		10
50	BEAKER 250 ML		10
51	BEAKER 100 ML		10
52	BOD BOTTLE		20
53	GLASS SPRAYER WITH RUBBER BULB FOR CHROMATOGRAPHY		2
54	CHROMATOGRAPHY CHAMBER - GLASS - CUBOID, WITH LID		15
55	DROPPER - BIG & SMALL		10
56	RUBBER BULB FOR 1ML, 2ML & 5ML PIPETTE		3 EACH
57	BURETTE		5
58	FILTER PAPER - SHEET		10 SHEET
59	BLACK PAPER - SHEET		10 SHEET
60	CONICAL FLASK - 1L		4
61	BURETTE STAND		5
62	TEST TUBE STAND - PLASTIC		25
63	SPIRIT LAMP (GLASS)		5
64	SPIRIT LAMP WICK		200 NOS
65	ELECTRONIC DRYER FOR CHROMATOGRAPHY		2 NOS
66	MEASURING CYLINDER - PLASTIC - 10ML, 20ML, 50 ML & 100 ML		2 EACH
Department of Physics			
67	IC 7400	(LS or HC)	
68	IC 7402	(LS or HC)	
69	IC 7404	(LS or HC)	
70	IC 7408	(LS or HC)	
71	IC 7432	(LS or HC)	
72	IC Training Kit	8 and 12 sockets	
73	Single slit for diffraction experiment		
74	Double slit for diffraction experiment		
75	Photodiodes		
76	LEDs	Red, green	

77	Pulse oximeter (medical purpose)		
78	BP apparatus Conventional (sphygmomanometer)		
79	Stethoscope		
80	Non-contact thermometer (medical purpose)		
81	Mercury thermometer (human temperature range)		
82	Four probe apparatus for resistivity measurements		
83	Convex lens	Focal length = 10cm	
84	Connection Wire Copper DCC Wire (Single Strand Cloth Insulated) Specify gauge also	Specify weight and gauge	
85	Transformer 2 Amp (6-0-6)	Specify warranty	
86	Wire for 5 A Blue Colour	Specify gauge and length	
87	Wire for 5 A Green Colour	Specify gauge and length	
88	Wire for 5 A Red Colour	Specify gauge and length	
89	80 watts transformer (only) for Mercury Vapour Lamp	One year warranty	
90	Zener diode	5.6 V, 6.2 V	
91	Potassium Permanganate	200 gm	
92	Guass meter	For hall effect experiment	
93	IC 7806		
94	IC 7906		
95	Bread board		
96	AMMETER	0-1 A	
97	Potentiometer Variable resistor	500 ohm, 1 k ohm and 10 K,	
Department of Chemistry			
98	Sulphuric acid	AR Grade	2.5 L
99	Hydrochloric acid	AR Grade	2.5 L
100	Glacial Acetic acid	AR Grade	2.5 L
101	Nitric acid	AR Grade	2.5 L

102	Acetic acid	AR Grade	2.5 L
103	Acetone	AR Grade	2.5 L
104	Ammonium nitrate	Nice/ CDH	500 g
105	Ammonium acetate	Nice/ CDH	500 g
106	Ammonium chloride	Nice/ CDH	500 g
107	Ammonium oxalate	Nice/ CDH	500 g
108	Ammonium carbonate	Nice/ CDH	500 g
109	Aluminium nitrate	Nice/ CDH	500 g
110	Aluminium Phosphate	Nice/ CDH	500 g
111	Aniline	Nice/ CDH	500 ml
112	Biphenyl	Nice/ CDH	500 g
113	Benzoic acid	Nice/ CDH	500 g
114	Benzaldehyde	Nice/ CDH	500 ml
115	Borsches reagent	Nice/ CDH	100 ml
116	Barium borate	Nice/ CDH	100 g
117	Butanol	AR Grade	500 ml
118	Benzamide	Nice/CDH	500 g
119	Benzene	AR Grade	500 ml
120	Chloroform	AR Grade	2.5 L
121	Calcium acetate	Nice/ CDH	500 g
122	Calcium chloride (Anhyd.)	Nice/ CDH	500 g
123	Calcium chloride dihydrate	Nice/ CDH	500 g
124	Calcium sulphate	Nice/ CDH	500 g
125	Calcium nitrate	Nice/ CDH	500 g
126	Calcium carbonate	Nice/ CDH	500 g
127	Charcoal(activated)	Nice/ CDH	500 g
128	Cobalt(II)chloride	Nice/ CDH	100 g
129	Dimethyl glyoxime	AR Grade	100 g
130	Disodium hydrogen phosphate	Nice/ CDH	100 g
131	Diphenylcarbazide	AR Grade	100 g
132	Dextrose	Nice/ CDH	500 g
133	EDTA disodium salt	Nice/ CDH	500 g

134	Eriochrome black T	Nice/ CDH	100 g
135	Ferric chloride	Nice/ CDH	500 g
136	Fehling soln A	Nice/ CDH	500 ml
137	Fehling solution B	Nice/ CDH	500 ml
138	Ferrous sulphate	Nice/ CDH	500 g
139	Ferric alum	Nice/ CDH	500 g
140	Hexane	AR Grade	500 ml
141	Iodine crystal	AR Grade	100 g
142	Iodine resublimed	AR Grade	100 g
143	Lead nitrate	Nice/ CDH	500 g
144	Lead acetate	Nice/ CDH	500 g
145	Lead carbonate	Nice/ CDH	500 g
146	Lead sulphate	Nice/ CDH	500 g
147	Liquor Ammonia	AR Grade	2.5 L
148	Liquid ammonia	AR Grade	2.5 L
149	Manganese chloride	Nice/ CDH	500 g
150	Manganese nitrate	Nice/ CDH	500 g
151	Manganese acetate	Nice/ CDH	500 g
152	Manganese sulphate	Nice/ CDH	500 g
153	Mercuric chloride	Nice/ CDH	100 g
154	Methyl benzoate	AR Grade	500 ml
155	Magnazon reagent	Nice/ CDH	100 ml
156	Methyl orange solution	Nice/ CDH	100 ml
157	Mohrs salt	Nice/ CDH	500 g
158	Magnesium Sulphate	Nice/ CDH	500 g
159	Magnesium nitrate	Nice/ CDH	500 g
160	Magnesium phosphate	Nice/ CDH	500 g
161	Molisches reagent	Nice/ CDH	100 ml
162	Naphthalene	Nice/ CDH	500 g
163	Nitrobenzene	Nice/ CDH	500 ml
164	Nessler's reagent	Nice/ CDH	100 ml
165	N- phenyl anthranilic acid	Nice/ CDH	500 g

166	Nickel chloride	Nice/ CDH	500 g
167	Oxalic acid	Nice/ CDH	500 g
168	Phenol	Nice/ CDH	500 ml
169	Phenolphthalein	Nice/ CDH	100 ml
170	Potassium chromate	Nice/ CDH	500 g
171	Potassium dichromate	Nice/ CDH	500 g
172	Potassium iodide	Nice/ CDH	500 g
173	Picric Acid	Nice/ CDH	100 ml
174	Phthalic acid	Nice/ CDH	500 g
175	Paracetamol	Nice/ CDH	500 g
176	Potassiumhexacyanoferrate(III)	Nice/ CDH	100 g
177	Potassium permanganate	Nice/ CDH	500 g
178	Potassium bromate	Nice/ CDH	500 g
179	Potassium chloride	Nice/ CDH	500 g
180	Propanol	Nice/ CDH	500 ml
181	p-toludine	Nice/ CDH	500 ml
182	Schiffs reagent	Nice/ CDH	100 ml
183	Sodium hydroxide	Nice/ CDH	500 g
184	Sodium bicarbonate	Nice/ CDH	500 g
185	Sodium thio sulphate	Nice/ CDH	500 g
186	Sodium carbonate	Nice/ CDH	500 g
187	Sodium nitrite	Nice/ CDH	500 g
188	Silver nitrate	Nice/ CDH	25 g
189	Starch	Nice/ CDH	500 g
190	Silica Gel(G)	AR Grade	500 g
191	Sodium bi sulphite	Nice/ CDH	500 g
192	Sodium sulphide flakes	Nice/ CDH	500 g
193	Sodium sulphate	Nice/ CDH	500 g
194	Toluene	Nice/ CDH	500 ml
195	Zinc acetate	Nice/ CDH	500 g
196	Zinc sulphate	Nice/ CDH	500 g
197	Zinc carbonate	Nice/ CDH	500 g

198	Zinc bromate	Nice/ CDH	500 g
199	Zinc phosphate	Nice/ CDH	500 g
200	Zinc chloride	Nice/ CDH	500 g
201	Zinc nitrate	Nice/ CDH	500 g
202	Potassium bromide (IR Spectrum)	Merck	100 g
203	Acetophenone	Nice/ CDH	500 ml
204	Potassium oxalate	Nice/ CDH	100 g
205	Sodium metal	Nice/ CDH	500 g
206	Paraffin	Nice/ CDH	500 ml
207	Petroleum ether	Nice/ CDH	500 ml
208	Diethyl ether	Nice/ CDH	500 ml
	Glassware		
209	Standard flask-100ml		
210	Standard flask - 500ml		
211	Standard flask -1000ml		
212	Standard flask -2000ml		
213	Burette with glass stopcock-50 ml		
214	Glass Funnel		
215	Watch glass -3”		
216	Wire gauze		
217	Clay pipe Triangle		
218	Beaker- 500ml		
219	Beaker -250ml		
220	Beaker -100ml		
221	Beaker-10 ml		
222	Tripod stand		
223	Tongs		
224	Crucibles (Silica) 50mL with lid		
225	Weighing bottle -10 ml		
226	Desiccator		
227	Boiling tube		
228	Filter paper Ordinary		

229	Filter paper Whatman No 40 (110mm)		
230	Filter paper Whatman No 41 (110mm)		
231	Test tube-10 ml		
232	Measuring cylinder -10ml		
233	Measuring cylinder -100ml		
234	Micro test tube		
235	Separating funnel with glass stopcock-125 ml and 250 ml		
236	Capillary tube for TLC		
237	Silica gel for TLC		
238	China dish-50 ml		
239	Test tube- 20ml		
240	Test tube holder for 20ml test tube		
241	Test tube holder for Semi micro test tube		
242	Glass pipette volumetric transfer type – 2 mL		
243	Bunsen burner		
244	Gas tube for connecting Bunsen Burner		
245	Test tube holder for micro test tube		
246	Stalagmometer, straight, glass - 20 mL		
247	Viscometer		
248	Pipette bulb		
249	TLC Plate (7 x 2.5 cm)		
250	Electric Bunsen		
251	Glass beaker – 25 mL		
252	Hand centrifuge machine (with table mounting clamp)-4 tubes		
253	Stoppered conical flask with glass stopper,		
254	24/20 socket – 250 mL		
255	Conical flask – 150 mL		
256	Conical flask – 100 mL		
257	Glass pipette volumetric transfer type – 10 mL		
258	Glass burette with PTFE stop cock – 50 mL		

259	Beaker-5 ml		
260	TLC Chamber		
261	Rubber tube for connecting condenser		
262	Glass bottle with lid-100ml		
263	Glass bottle with lid-50ml		
264	Glass rod		
265	Copper stirrer		
266	Sensitive Thermometer (100 °C)		
267	Platinum electrode for potentiometer		
268	Burette stand(wooden/Plastic)		
269	RB Flask with condenser (24 neck)		
270	Calomel electrode		
271	Toner		
	Department of Botany		
272	SILICA GEL for Column Chromatography	500 g	2
273	SILICA GEL for TLC	500 g	1
274	Paper chromatography paper	Sheets	2
275	Acetone	500 ml	4
276	Benzene	500 ml	4
277	Methanol	500 ml	2
278	Hexane	500 ml	4
279	Isopropanol	500 ml	2
280	Acetic acid	500 ml	2
281	Butanol	500 ml	2
282	Lamposolv (for spirit lamp)	500 ml	4
283	Aminoacid kit for Paper chromatography		1
284	Glycerol	500 ml	2
285	Agarose	50 g	1
286	Coomassie Brilliant Blue G 250	5g	1
287	Ninhydrin reagent	50 ml	1
288	Thiobarbituric acid (TBA)	100 g	1
289	Aluminium nitrate	100 g	1

290	Gallic acid.	5g	1
291	Anthrone powder.	100 g	1
292	Trichloro acetic acid (TCA)	50 ml	1
293	Perchloric acid	500 ml	1
294	Magnesium turning.	100 g	1
295	Lugol's Iodine.	500 ml	1
296	Dragendroff's reagent.	500 ml	1
297	Bismuth nitrate.	10 g	1
298	Potassium thiocyanate.	100 g	1
299	Ferric nitrate.	100 g	
300	Glaiacol.	500 ml	1
301	Diethyl ether.	500 ml	1
302	Methionine.	10 g	2
303	Tetramethyl diamine.	500 ml	1
304	Mercaptoethanol.	100 ml	1
305	Nitro blue tetrazolium (NBT).	50 g	1
306	Riboflavine	10 g	1
307	Dintro salicylic acid (DNS)	100 g	1
308	Na ₂ HPO ₄ .12 H ₂ O	100 g	1
309	Na ₂ HPO ₄ .7 H ₂ O	100 g	1
310	Follins reagent		
311	Sodium sulphite	500 g	1
312	Pottasium ferric cynaide	500 g	1
313	Acetone	2.5L	1
314	Benzene	2.5L	1
315	Methanol	2.5L	1
316	Hexane	2.5L	1
317	Isopropanol	2.5L	1
318	Maltose	250 g	1
319	Kinetin sol.	25ml	1
320	BAP (hormone - Hi Media)		1
321	Teepol	1L	2

322	Hydrogen peroxide	500 gm	1
323	Sodium alginate (Merck India Ltd.	500 gm	1
324	Calcium chloride	500 gm	1
325	Liquid paraffin	500ml	
326	Xylene Pure	500ml	
327	Clove oil	100ml	
328	Disposable knives for Rotary microtome	1 packet	
329	Tertiary butyl alcohol	500ml	
330	Chloroform	500ml	
331	DPX	500ml	
	Glassware		
332	Heating coil for Glass distillation unit (2Lit)		1
333	Column for Chromatography		3
334	Column Stand		3
335	Mortar & Pestle		2
336	Measuring cylinder 5ml		2
337	Measuring cylinder 10ml		2
338	Measuring cylinder 50ml		2
339	Measuring cylinder 100ml		2
340	Beaker 50ml		10
341	Beaker 100ml		10
342	Beaker 500ml		2
343	Glass rod		5
344	Plastic tray small		20
345	Plastic tray medium		10
346	Test tube stand (Plastic)		10
347	Spirit lamp		5
348	Test tube 15ml		100
349	Wash bottle (with beak)		20
350	Bottle cleaning brush Small		5
351	Bottle cleaning brush Medium		5
352	Cuvette for spectrophotometer		2

353	Centrifuge tubes		12
354	Measuring cylinder- 500ml		1
355	Eppendroff		20
356	Micropipette tube		1 set
357	Boric acid		1 kg
358	Kinetin		25 ml
359	Microscopic glass Slides		1pkt
360	Coverslips (small)		1pkt
361	Coverslips (large) for serial section		1pkt
	Department of Psychology		
362	Social intelligence scale		
363	Social maturity scale		
364	Interpersonal relationship scale		
365	Interpersonal Attraction scale		
366	Horizontal vertical illusion		
367	PGI Memory scale		
368	Procrastination Behaviour Inventory		
369	Resilience scale		
370	Occupational Personality Questionnaire		
371	Eysenck personality Inventory		
372	MMPI		
373	Young Mania Rating Scale		
374	Hamilton Anxiety Rating scale		
375	Liebowitz Social Anxiety Scale		
376	Yale - Brown Obsessive Compulsive scale		
377	Defence Mechanism Inventory		
378	Suicide Attitude Scale		
379	Internet Addiction test		
380	Yale food Addiction Scale		

Last Date and Time of the receipt of tender: 15/04/2025 11 am

Date and time of opening of tender: 15/04/2025 3 pm

Terms and Conditions

1. Tender forms are available at the Principal's Office during the working hours on working days upon remitting required tender fee as per rule. If tender fee exemption is claimed, required documents has to be given at the time. Filled tender forms should be sent in a sealed cover, addressed to the Principal, Mahatma Gandhi College, Kesavadasapuram, PIN 695004 Thiruvananthapuram District, Kerala.
2. The envelope should be superscribed as *Tender for the purchase of Chemicals and Consumables* under head Admission fee under PD as per Tender Notice No. **A1/512//2025** dated 27/03/2025.
3. The rates should be inclusive of all taxes. The warranty terms should be specified clearly. Quality of the items should be ensured by the vendor.
4. The items should be provided at the college within 7 days from the date of the supply order issued from our office and should be installed at the college without any extra cost. If the items are not provided in time the purchase order given stands cancelled.
5. The payment will be made through invoice by treasury payment only to the bank account of the supplier. There is a possibility of delay in payment due to any unforeseen circumstances.
6. The decision of the Principal, Mahatma Gandhi College, Kesavadasapuram will be final with respect to the implementation of the tender and will be in tune with the terms and conditions of the government in force will be applicable to the purchase.
7. Details of the items are available at our website <https://www.mgcollegetvm.ac.in/category-view/170> and at the office of the Principal, Mahatma Gandhi College, Kesavadasapuram on usual office working hours.


PRINCIPAL
Mahatma Gandhi College
Thiruvananthapuram

