



OFFICE OF THE PRINCIPAL
MAHATMA GANDHI COLLEGE

(Affiliated to University of Kerala)
(Re-Accredited with B++ Grade by NAAC, UGC-College with Potential for Excellence)
KESAVADASAPURAM, THIRUVANANTHAPURAM- 695004

KERALA, INDIA
Phone: (O) 0471-2541039
Email: nssmgcollege@gmail.com

No. A1/PD/111/2026

Date: 19/02/2026

Tender Notice

Sealed tenders are invited for the supply of following items from Laboratory Fee head of PD fund with specifications detailed against each items. The bidders are requested to give rate of the following items.

Estimated Amount of Purchase: 300000/- (Three Lakh Rupees Only)

Sl. No.	Description	Quantity	Specifications
Department of Chemistry			
1	Sulphuric acid	2.5 L	AR Grade
2	Hydrochloric acid	2.5 L	AR Grade
3	Glacial Acetic acid	2.5 L	AR Grade
4	Nitric acid	2.5 L	AR Grade
5	Acetic acid	2.5 L	AR Grade
6	Acetone	2.5 L	AR Grade
7	Ammonium nitrate	500 g	Nice/ CDH
8	Ammonium acetate	500 g	Nice/ CDH
9	Ammonium chloride	500 g	Nice/ CDH
10	Ammonium oxalate	500 g	Nice/ CDH
11	Ammonium carbonate	500 g	Nice/ CDH
12	Aluminium nitrate	500 g	Nice/ CDH
13	Aluminium Phosphate	500 g	Nice/ CDH
14	Aniline	500 ml	Nice/ CDH
15	Biphenyl	500 g	Nice/ CDH
16	Benzoic acid	500 g	Nice/ CDH
17	Benzaldehyde	500 ml	Nice/ CDH
18	Brosche's reagent	100 ml	Nice/ CDH
19	Barium borate	100 g	Nice/ CDH
20	Butanol	500 ml	AR Grade

21	Benzamide	500 g	Nice/CDH
22	Benzene	500 ml	AR Grade
23	Chloroform	2.5 L	AR Grade
24	Calcium acetate	500 g	Nice/ CDH
25	Calcium chloride (Anhyd.)	500 g	Nice/ CDH
26	Calcium chloride dihydrate	500 g	Nice/ CDH
27	Calcium sulphate	500 g	Nice/ CDH
28	Calcium nitrate	500 g	Nice/ CDH
29	Calcium carbonate	500 g	Nice/ CDH
30	Charcoal(activated)	500 g	Nice/ CDH
31	Cobalt(II)chloride	100 g	Nice/ CDH
32	Dimethyl glyoxime	100 g	AR Grade
33	Disodium hydrogen phosphate	100 g	Nice/ CDH
34	diphenylcarbazine	100 g	AR Grade
35	Dextrose	500 g	Nice/ CDH
36	EDTA disodium salt	500 g	Nice/ CDH
37	Erichrome black T	100 g	Nice/ CDH
38	Ferric chloride	500 g	Nice/ CDH
39	Fehling solution A	500 ml	Nice/ CDH
40	Fehling solution B	500 ml	Nice/ CDH
41	Ferrous sulphate	500 g	Nice/ CDH
42	Ferric alum	500 g	Nice/ CDH
43	Hexane	500 ml	AR Grade
44	Iodine crystal	100 g	AR Grade
45	Iodine resublimed	100 g	AR Grade
46	Lead nitrate	500 g	Nice/ CDH
47	Lead acetate	500 g	Nice/ CDH
48	Lead carbonate	500 g	Nice/ CDH
49	Lead sulphate	500 g	Nice/ CDH
50	Liquor Ammonia	2.5 L	AR Grade
51	Liquid ammonia	2.5 L	AR Grade
52	Manganese chloride	500 g	Nice/ CDH
53	Manganese nitrate	500 g	Nice/ CDH
54	Manganese acetate	500 g	Nice/ CDH
55	Manganese sulphate	500 g	Nice/ CDH
56	Mercuric chloride	100 g	Nice/ CDH
57	Methyl benzoate	500 ml	AR Grade
58	Magnazon reagent	100 ml	Nice/ CDH
59	Methyl orange solution	100 ml	Nice/ CDH
60	Mohrs salt	500 g	Nice/ CDH
61	Magnesium Sulphate	500 g	Nice/ CDH

62	Magnesium nitrate	500 g	Nice/ CDH
63	Magnesium phosphate	500 g	Nice/ CDH
64	Molisch's reagent	100 ml	Nice/ CDH
65	Naphthalene	500 g	Nice/ CDH
66	Nitrobenzene	500 ml	Nice/ CDH
67	Nessler's reagent	100 ml	Nice/ CDH
68	N- phenyl anthranilic acid	500 g	Nice/ CDH
69	Nickel chloride	500 g	Nice/ CDH
70	Oxalic acid	500 g	Nice/ CDH
71	Phenol	500 ml	Nice/ CDH
72	Phenolphthalein	100 ml	Nice/ CDH
73	Potassium chromate	500 g	Nice/ CDH
74	Potassium dichromate	500 g	Nice/ CDH
75	Potassium iodide	500 g	Nice/ CDH
76	Picric Acid	100 ml	Nice/ CDH
77	Phthalic acid	500 g	Nice/ CDH
78	Paracetamol	500 g	Nice/ CDH
79	Potassiumhexacyanoferrate(III)	100 g	Nice/ CDH
80	Potassium permanganate	500 g	Nice/ CDH
81	Potassium bromate	500 g	Nice/ CDH
82	Potassium chloride	500 g	Nice/ CDH
83	Propanol	500 ml	Nice/ CDH
84	p-toluidine	500 ml	Nice/ CDH
85	Schiff's reagent	100 ml	Nice/ CDH
86	Sodium hydroxide	500 g	Nice/ CDH
87	Sodium bicarbonate	500 g	Nice/ CDH
88	Sodium thiosulphate	500 g	Nice/ CDH
89	Sodium carbonate	500 g	Nice/ CDH
90	Sodium nitrite	500 g	Nice/ CDH
91	Silver nitrate	25 g	Nice/ CDH
92	Starch	500 g	Nice/ CDH
93	Silica Gel (G)	500 g	AR Grade
94	Sodium bisulphite	500 g	Nice/ CDH
95	Sodium sulphide flakes	500 g	Nice/ CDH
96	Sodium sulphate	500 g	Nice/ CDH
97	Toluene	500 ml	Nice/ CDH
98	Zinc acetate	500 g	Nice/ CDH
99	Zinc sulphate	500 g	Nice/ CDH
100	Zinc carbonate	500 g	Nice/ CDH
101	Zinc bromate	500 g	Nice/ CDH
102	Zinc phosphate	500 g	Nice/ CDH

103	Zinc chloride	500 g	Nice/ CDH
104	Zinc nitrate	500 g	Nice/ CDH
105	Potassium bromide (IR Spectrum)	100 g	Merck
106	Acetophenone	500 ml	Nice/ CDH
107	Potassium oxalate	100 g	Nice/ CDH
108	Sodium metal	500 g	Nice/ CDH
109	Paraffin	500 ml	Nice/ CDH
110	Petroleum ether	500 ml	Nice/ CDH
111	Diethyl ether	500 ml	Nice/ CDH
112	Ammonium thiocyanate	500 ml	Nice/ CDH
113	Copper sulphate	500 g	Nice/ CDH
114	Styrene	500 ml	Nice/ CDH
115	Methyl methacrylate	500 ml	Nice/ CDH
116	Standard flask-100 ml	1	
117	Standard flask - 500 ml	1	
118	Standard flask -1000 ml	1	
119	Standard flask -2000 ml	1	
120	Burette with glass stopcock-50 ml	1	
121	Glass Funnel	1	
122	Watch glass -3"	1	
123	Wire gauze	1	
124	Clay pipe Triangle	1	
125	Beaker- 500 ml	1	
126	Beaker -250 ml	1	
127	Beaker -100 ml	1	
128	Beaker-10 ml	1	
129	Tripod stand	1	
130	Tongs	1	
131	Crucibles (Silica) 50 mL with lid	1	
132	Weighing bottle -10 ml	1	
133	Desiccator	1	
134	Boiling tube	1	
135	Filter paper Ordinary	1	
136	Filter paper Whatman No 40 (110 mm)	1 packet	
137	Filter paper Whatman No 41 (110 mm)	1 packet	
138	Test tube-10 ml	1	
139	Measuring cylinder -10 ml	1	
140	Measuring cylinder -100 ml	1	
141	Micro test tube	1	

142	Separating funnel with glass stopcock- 125 ml and 250 ml	1	
143	Capillary tube for TLC	1 packet	
144	Silica gel for TLC	1	
145	China dish-50 ml	1	
146	Test tube- 20 ml	1	
147	Test tube holder for 20 ml test tube	1	
148	Test tube holder for Semi micro test tube	1	
149	Glass pipette volumetric transfer type – 2 mL	1	
150	Bunsen burner	1	
151	Gas tube for connecting Bunsen Burner	1	
152	Test tube holder for micro test tube	1	
153	Stalagmometer, straight, glass - 20 mL	1	
154	Viscometer	1	
155	Pipette bulb	1	
156	TLC Plate (7 x 2.5 cm)	1 packet	
157	Electric Bunsen	1	
158	Glass beaker – 25 mL	1	
159	Hand centrifuge machine (with table mounting clamp)-4 tubes	1	
160	Stoppered conical flask with glass stopper,	1	
161	24/20 socket – 250 mL	1	
162	Conical flask – 150 mL	1	
163	Conical flask – 100 mL	1	
164	Glass pipette volumetric transfer type – 10 mL	1	
165	Glass burette with PTFE stop cock – 50 mL	1	
166	Beaker-5 ml	1	
167	TLC Chamber	1	
168	Rubber tube for connecting condenser	1	
169	Glass bottle with lid-100 ml	1	
170	Glass bottle with lid-50 ml	1	
171	Glass rod	1	
172	Copper stirrer	1	
173	Sensitive Thermometer (100 °C)	1	
174	Platinum electrode for potentiometer	1	
175	Burette stand(wooden/Plastic)	1	

176	RB Flask with condenser	1	
177	Wire gauze	1	
178	Calomel electrode	1	
179	Toner	1	
Department of Botany			
180	Methanol – AR grade	2.5 L	
181	Sodium sulphate – AR grade	500 g	
182	Crystalline Phenol	500 g	
183	DNS reagent	100 ml	
184	Sodium Potassium tartrate	500 g	
185	Anthrone reagent	25 g	
186	Trichloro acetic acid	100 g	
187	Disodium orthophosphate	500 g	
188	Monosodium ortho phosphate	500 g	
189	Sodium carbonate	500 g	
190	Copper sulphate	500 g	
191	Acetone	2.5 L	
192	Potassium thiocyanate	500 g	
193	Sodium sulphate	500 g	
194	Ferric chloride	250 g	
195	Nitric acid	2.5 L	
196	Ferric nitrate	500 g	
197	Glacial acetic acid	500 ml	
198	Ferric cyanide	500 g	
199	Guaicol	250 ml	
200	Hydrogen peroxide	500 ml	
201	Teepol/ Liquid soap	1 L	
202	Chloroform	2.5 L	
203	Benzene	2.5 L	
204	Thio barbituric acid	500 ml	
205	Potassium hydroxide	500 g	
206	DPX	500 ml	
207	Paraffin – wax (pellet form)	500 g	
208	Liquid Paraffin	500 ml	
209	Tertiary Butyl Alcohol 99% (TBA)	500 ml	
210	Xylene rectified AR	500 ml	
211	Ascorbic acid	25 ml	
212	Diethyl ether	500 ml	
213	Hexane	2.5 L	
214	Agarose Mol. Grade	250 g	

215	Tissue culture medium w Sucrose & Agar (Himedia)	1	
216	Green florescent dye for AGE	5 ml	
217	2-6 dichloro phenol indo phenol	10 g	
218	Oxalic acid	500 ml	
219	Toluene	500 ml	
220	Nitro blue tetrazolium chloride	100 mg	
221	Aluminium foil	1 roll	
222	Tissue rolls	1 dozen	
223	Spirit lamp	1 unit	
224	Dropper with Rubber bulb	1 dozen	
225	Rubber bulb for Glass Pipettes	1 dozen	
226	Aluminium foil	1 packet	
227	Lab Squeeze bottle – plastic 500 ml	1 dozen	
228	Paper for chromatography	1 sheet	
229	Mortar & Pestle	1 nos	
230	Aluminium stand for Tissue culture tubes (50 ml)	1	
231	Tissue culture tubes (50 ml) borosil	1 dozen	
232	Petri dish (5 inch)	1 dozen	
233	Separating funnel 125 mL and 250 mL	2	
234	Glass funnel	5	
235	Standard flask 100 ml	2	
236	Test tubes 15 ml	1 dozen	
237	BOD bottle 250 ml	2	
238	Burette (standard) with stand	2 nos	
239	Chromatographic column with stand	2nos	
240	Screw capped borosil round bottom tube (30 ml)	1 dozen	
241	Screw capped plastic round bottom tube (30 ml)	1 dozen	
242	Power unit for Gel Electrophoresis	1 nos	
243	pH meter standard model	1 nos	
244	Plant Herbarium press (12"x 18")	1 nos	
245	Ethidium bromide (Molecular Grade)	1g	
Department of Zoology			
246	Lamposolv for spirit lamp	1	
247	Schiff's Reagent	1	
248	RBC Diluting Fluid	1	
249	WBC Diluting Fluid	1	
250	Potassium Chromate	1	
251	Potassium Permanganate	1	

252	Nutrient Agar (100g Himedia)	1	
253	Mueller Hinton Agar (100g Himedia)	1	
254	MacConkey Agar	1	
255	Ortho Phosphoric Acid	1	
256	Potassium Iodide	1	
257	Leishmann's Stain	1	
258	Sulphuric Acid	1	
259	Hydrochloric Acid	1	
260	Silver Nitrate	1	
261	Ammonia water	1	
262	Erichrome Black T	1	
263	Phenolphthalein solution	1	
264	Methyl Red Indicator solution	1	
265	Sodium Iodide	1	
266	Sulphosalicylic Acid solution	1	
267	Ethanol AR Grade	1	
268	Methyl Benzoate	1	
269	Formalin	1	
270	Perchloric Acid	1	
271	Gram Staining Kit	1	
272	Glass Slides (Microscopic)	10	
273	Cover Slip (22 X 22 mm)	10	
274	Dropper- Big & Small	10	
275	Rubber Bulb 1 ML, 2 ML & 5 ML PIPETTE	3 EACH	
276	Black Paper Sheet	100 sheets	
277	Burette Stand	6	
278	Stage Micrometre	3	
279	Ocular Micrometre	3	
280	Haemocytometer Counting Chamber	5	
281	Compound Microscope	2	
Department of Psychology			
282	Social Intelligence Scale	1	
283	Social Maturity scale	1	
284	Cup and Ball	1	
285	Interpersonal Relationship Scale	1	
286	Interpersonal Attraction Scale	1	
287	Big Five Personality Inventory	1	
288	Temperament Scale	1	
289	Attachment Style Questionnaire	1	
290	Aggression Scale/Questionnaire	1	

291	Adolescent Adjustment Inventory	1	
292	Adolescent Emotional Inventory	1	
293	Perceived Stress Scale	1	
294	Life Event Scale	1	
295	McGille Pain Questionnaire	1	
296	MMPI	1	
297	Psychological Adjustment to Illness scale	1	
298	Millon Behavioural Medicine Diagnostic	1	
299	Social Media Addiction	1	
300	Time Perception Test	1	
301	Sensation Seeking Scale	1	
302	Beck Depression Inventory	1	
Department of Physics			
303	Analog DC Ammeter 0-500 μ A	1	1 Year replacement warranty (Specify Company also)
304	Analog DC Ammeter 0-100 mA	1	1 Year replacement warranty (Specify Company also)
305	Analog DC Ammeter 0-250 mA	1	1 Year replacement warranty (Specify Company also)
306	Analog DC Ammeter 0-10 A	1	1 Year replacement warranty (Specify Company also)
307	Analog DC Ammeter 0-1 A	1	1 Year replacement warranty (Specify Company also)
308	Analog Voltmeter 0-1 V	1	1 Year replacement warranty (Specify Company also)
309	Analog Voltmeter 0-10 V	1	1 Year replacement warranty (Specify Company also)
310	Connection Wire Copper DCC Wire (Single Strand Cloth Insulated) Specify gauge also	1	Specify weight and gauge
311	Regulated Power supply (0-12V)	1	1 year replacement warranty. Also specify whether short circuit prevention is enabled.
312	Regulated power supply (15-0-15) V	1	1 year replacement warranty. Also specify whether short circuit prevention is enabled.
313	Magnifiers with LEDs	1	1 Year replacement warranty
314	Transformer 2 Amp (6-0-6)	1	1 Year replacement warranty
315	Wire for 5 A Blue Colour	1	Specify gauge and length

316	Wire for 5 A Green Colour	1	Specify gauge and length
317	Wire for 5 A Red Colour	1	Specify gauge and length
318	Rheostat 1000 Ω (Heavy type porcelain with brass connection)	1	2 Year replacement warranty
319	Rheostat 125 Ω (Heavy type porcelain with brass connection)	1	2 Year replacement warranty
320	Rheostat 225 Ω (Heavy type porcelain with brass connection)	1	2 Year replacement warranty
321	Battery for multimeter (9V)	1	
322	Multimeter	1	Specify model, ranges and attach catalogue
			(Must able to have ac voltage resolution of 2V)
323	Soldering iron (25W)	1	1 Year replacement warranty
324	Capacitor Disc-all std values < 1 μ F	1	
325	Capacitor-Electrolytic 500 μ F	1	
326	Capacitor-Electrolytic 1000 μ F	1	
327	Capacitor-Electrolytic 470 μ F, 50 V	1	
328	CRO Chord	1	1 Year replacement warranty
329	Sodium Vapour Lamp Set 35 watts with transformer	1	1 Year replacement warranty
330	Mercury Vapour Lamp Set 80 watts with transformer	1	1 Year replacement warranty
331	Mercury	1	
332	Diode Silicon IN 4004	1	
334	Pin clamp for liquid lens experiments	1	
335	Hollow prism	1	Specify drilled type or glass pasted type
336	IC Base	1	
337	IC 555	1	
338	IC 741	1	
339	Soldering Flux	1	
340	Soldering Lead	1	
341	Transistor BC 107	1	
342	Transistor SK 100	1	
343	Transistor SL 100	1	
344	Zener diode (1/2 Watt)5.2V, 6.3V	1	
345	Nichrome/Eureka wire	1	
346	Optic lever	1	Varying angle type
347	1 μ F capacitor in wooden box for Anderson's bridge experimental set up	1	

348	Copper coil of Fermi Energy determination experimental set up	1	
349	Battery 1.5 V	1	
350	FET (BFW-11)	1	
351	Lens cleaning solutions	1	Specify quantity
352	De- soldering pump	1	
353	Resistance boxes (0-10 0hm, including 0.1, 0.2, 0.5 ohms)	1	1 Year replacement warranty
			Specify whether brass, steal or copper junctions are used. Wooden must be made from teak or eety made. Low quality wooden parts will be rejected.
354	Resistance boxes (0-1000 0hm)	1	1 Year replacement warranty
			Specify whether brass, steal or copper junctions are used. Wooden must be made from teak or eety made. Low quality wooden parts will be rejected.
355	Resistance boxes (0-10000 0hm)	1	1 Year replacement warranty Specify whether brass, steal or copper junctions are used. Wooden must be made from teak or eety made. Low quality wooden parts will be rejected.
356	Electronic Daniel cell	1	1 Year replacement warranty
357	Soldering stand (Spring type)	1	
358	Test tube 25 ml	1	
359	Spectrometer clamps for prisms and gratings	1	
360	Burette (Calibrated 0-50 ml)	1	
361	Searle's Vibration Magnetometer	1	
362	Tripod stand (for Compound bar Pendulum setup)	1	

Last Date and Time of the receipt of tender: 06/03/2026 (11.00 am)

Date and time of opening of tender: 06/03/2026 (3.00 pm)

Terms and Conditions

1. The tender should be 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 Laboratory fee of PD fund as per Tender Notice No. **A1/PD/111/2026** dated **19/02/2026**.

3. Tender forms are available from the college office during working hours. The last date and time for submission of sealed tenders will be on 06/03/2026 at 11.00 am. Tenders will be opened at 3.00 pm on 06/03/2026 in the presence of those bidders present at that time.
4. The rates should be inclusive of all taxes and other charges. The warranty terms should be specified clearly.
5. 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 item is not provided in time, the purchase order given stands cancelled.
6. The payment will be made through invoice by treasury payment only to the bank account of the supplier.
7. 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.
8. Details of the items are available at our web site www.mgcollegetvm.ac.in and at the office of the Principal, Mahatma Gandhi College, Kesavadasapuram on usual office working hours.
9. Those who are participating in the tender process must submit a tender contract as per the format given in the website (https://mgcollegetvm.ac.in/category/170/1771432479_221.pdf) and the same need to be submitted in Stamp Paper worth Rs. 200/-. They need to pay 1% of the total estimated cost as EMD via cheque/cash. Those tenders without EMD will be summarily rejected. Those who claim exemption from tender fee and EMD should submit the proof of relevant documents claiming exemption.
10. Those who are awarded with the purchase order need to submit a contract agreement as per the format given in the website (https://mgcollegetvm.ac.in/category/170/1771432500_221.pdf) in Stamp Paper worth Rs. 200/-.


PRINCIPAL
Mahatma Gandhi College
Thiruvananthapuram



Principal