

ANNEXURE 12

**FORM OF SHORT TENDER NOTICE**

Tender No. 3/2021-2022 /GCW

Govt. College for Women,  
Vazhuthacaud ,  
Thiruvananthapuram.

Sealed tenders are invited for the supply of the following stores- **Purchase of chemicals to Zoology department - 2202 -03 -103 -76 -00 34 - Development of Libraries, Laboratories and Furniture -Plan 2020 -2021.**

The envelopes containing the tender should bear the superscription "Tender for the supply of chemicals to Zoology department " and should be addressed to Principal, Govt. College for Women, Vazhuthacaud, Thiruvananthapuram - 14.

Last date for the receipt of tenders will be 01/03/2022 11.30am Late tenders will not be accepted. The tenders will be opened at 02.00 p. m. on 01/03/2022 in the presence of such of the tenderers or their authorized representatives who may be present at that time.

Intending tenderers may, on application to the Principal, Govt. College for Women , Vazhuthacaud, Thiruvananthapuram obtain the requisite tender forms on which tenders should be submitted. Application for the tender form should be accompanied by a cash remittance of ` **Rs. 800/-**+GST(18% GST amount of the tender form **Rs.144/-**-should be remit on reverse charge mode by the registered tax payer and the printout of the chalan should be submitted to office) which is the price fixed for a form/set of forms and which is not refundable under any circumstances. The tender forms are not transferable. Sale of tender forms will be closed at 11.00 a. m. on 28/02/2022 Cheques, postage stamps, etc., will not be accepted towards the cost of forms, nor will the forms be sent per V. P. P. Duplicate tender forms, if required will be issued at Rs.400/- per copy.

The Earnest Money deposit @ 1% of the total amount tendered for subject to a minimum of Rs.1500/- should be accompanied by Demand Draft in favour of the **Principal, Government College for Women, Thiruvananthapuram** or fixed deposit receipts. The tenderers who are eligible for exemption from payment of EMD/Security deposit should enclose a copy of the latest certificate in support of the name issued by Government of Kerala, Store Purchase Department Dus & D etc. Otherwise the tender will be summarily rejected. The right to accept or reject the tender without assigning any reason thereof is vested with the undersigned. Total tendered amount must be specified clearly in the tender.

***NB: The price to be quoted in the tender must be inclusive of all taxes.***

Place: Vazhuthacaud

Date: 14/02/2022.

(Name and Designation of Issuing  
Officer).

# Approval Valid

Digitally Approved By

Dr.Chandini Sam S.P

Date: 14.02.2022

Reason: Approved

**Dept of Zoology**  
**Government College for Women**

**List of Chemicals, Furnitures and Lab Instruments under Plan Fund 2021- 22**

**1. List of Chemicals and Glasswares**

5.	roll of 1 Kg		
6.	Ammonium hydroxide 500g	1	1
7.	Ammonia solution	500 ml	4
8.	Ammonium chloride	500 g	1
9.	Anthrone	25 g	2
10.	Ascorbic Acid	100g	1
11.	Beaker- Borosilicate -100ml	1	10
12.	Beaker -1000 ml , polypropylene,	1	2
13.	Beaker Borosilicate -500 ml	1	10
14.	Beaker-borosilicate , graduated, -250 ml	1	10
15.	Beaker-borosilicate, graduated, -1000 ml	1	10
16.	Beaker-borosilicate, graduated, -10ml	1	10
17.	Beaker-borosilicate, graduated, -20 ml	1	10
18.	Beaker-borosilicate, graduated, -50ml	1	10
19.	Benedict's reagent.500ml	1	4
20.	Biosol/Lampsol for spirit lamp	1L	10
21.	Black paper for display of specimens	1	50
22.	Blood lancet- Ultra fine, diabetic type, tri bevel tip, universal design fits all lancing devices- packet of 100	1	2
23.	Blotting paper thick 45x56 cm	1 sheet	100
24.	Bluestar-Microslides-75x25mm, manufactured from best, selected and optically flat glass sheets	1pkt	10
25.	Borosilicate Petri plates -can withstand high temp and repeated autoclaving (100 mm x17mm)	1	10
26.	Borosilicate Petri plates -can withstand high temp and repeated autoclaving (150 mm x20mm)	1	10
27.	Bright plated steel pins. Needle point and solid head	1 box	20
28.	Buffer powder pH 4.0(10Cp)	1	4
29.	Buffer powder pH 7.0(10Cp)	1	4
30.	Buffer powder pH 9.2(10 Cp)	1	4

31.	Burette Stand (Wooden)	1	10
32.	Burette stand-sturdy, stable with heavy steel, plate base with leveling screw legs, powder coated heavy and superior	1	10
33.	Burettes with Teflon stop cock-heavy wall borosilicate tubing glass -50ml	1	10
34.	BOD bottle -300ml	1	50
35.	Cadmium chloride 100g	1	1
36.	Calcium chloride 500g	1	1
37.	Carbanol-500ml	1	2
38.	Casein 250 g	1	1
39.	Cavity block with cover/lid-40 x40 mm	1	10
40.	Cavity block with cover/lid-55 x55 mm	1	10
41.	Centrifuge tubes 50 ml conical bottom polypropylene, autoclavable, tarson, Axygen or equivalent (one packet containing 20 or 25 tubes)	1	2
42.	Centrifuge tubes borosilicate glass graduated 15 ml	1	4
43.	Chattaway spatula, stainless forging, flat, with one side bent, 6 inch	1	5
44.	Chemical protection Safety goggles-hard coated polycarbonate, adjustable headbands, transparent, 19x11x10.4 cm	1	1
45.	Chloroform 500 ml	1	5
46.	Cholesterol Reagent Kit	1	2
47.	Cholesterol-5g	1	2
48.	Cleansol-Laboratory detergent improved-500 mL	1	2
49.	Cling Film Wrap, Transparent plastic film, W30cm x L30mts	1 roll	2
50.	Conical bottom centrifuge tubes- 15 ml Polypropylene autoclavable, tarson,Axygen or equivalent (one packet containing 20 or 25 tubes), radiation sterilized	1	2
51.	Conical flask- borosilicate glass-1000ml	1	5
52.	Conical flask- borosilicate glass-2000ml	1	3
53.	Conical flask- borosilicate glass-25ml	1	5

54.	Conical flask- <b>250ml</b>	1	10
55.	Conical flask- <b>500ml</b>	1	
56.	Conical flask- <b>50ml</b>	1	10
57.	Copper sulphate-500g	1	1
58.	Cotton (Absorbant)-500g	1	2
59.	Coverslips -22mm x 22 mm, 18mm x 18mm, superior quality, manufactured from imported mechanically drawn glass, optically flat	1packet	5
60.	Coverslips -22mm x 40 mm 18mm x 18mm, superior quality, manufactured from imported mechanically drawn glass, optically flat	1packet	5
61.	Coverslips -rectangular <b>22x30mm</b>	1 packet	5
62.	Coverslips square- 18mm x 18mm, superior quality, manufactured from imported mechanically drawn glass, optically flat	1packet	10
63.	Cupric sulphate anhydrous-98%-500g	1	1
64.	Deoxyribonucleic acid sodium salt from salmon testes-250 mg	1	2
65.	Dettol-500 ml	1	4
66.	Dextrose anhydrous A.R. -500g	1	1
67.	Di Nitro Salicylic acid (DNSA)-25g	1	1
68.	Diphenylamine AR-99%-100g	1	3
69.	2,2-Diphenyl-1-Picrylhydrazyl (DPPH)	250 mg	1
70.	Disodium hydrogen phosphate-500g	1	1
71.	Dissection board 8x6''	1	10
72.	Dissection pin	1pkt (100)	10
73.	Dissection Plastic Tray 10x12''	1	20
74.	EDTA 100g	1	4
75.	Eppendorf tubes 1.7 ml (polypropylene) autoclavable	1	1
76.	Eppendorf tubes 2ml (polypropylene) autoclavable	1	1
77.	Eryochrome black-T solution-125ml	1	3
78.	Ethanol-500ml	1	10
79.	Ether solvent-500ml	1	2
80.	Ethyl acetate 500 ml	1	10
81.	Fehling's solution No:1 500 ml	1	2
82.	Fehling's solution No:2 500 ml	1	2
83.	Ferric chloride.500g	1	1
84.	Ferrous sulphate-500g	1	1

85.	Ferrous ammonium sulphate 500g	1	1
86.	Ferrozine	1 g	1
87.	Filter paper sheets 46x57cms	1	10
88.	Folin & Ciocalteus Phenol Reagent-500ml	1	2
89.	Folin-lowry reagent-250ml	1	1
90.	Formaldehyde	5 L	4
91.	Formic acid 85% 500 ML	1	2
92.	Funnel 75mm (Borosilicate)	1	10
93.	Funnel-Borosilicate, glass, 2 inch	1	5
94.	Funnel-Borosilicate, glass, 2.5 inch	1	5
95.	Gallic Acid-100g	1	1
96.	Giemsa's stain-125 ml	1	2
97.	Glucose 500 g	1	2
98.	Glycine(amino acetic acid)250g	1	1
99.	Gram Staining Kit-Nice, Himedia	1	3
100.	Grouping antigen A+B+D	1	4
101.	Haematoxylin stain-125ml	1	2
102.	Hexane 500 ml	1	40
103.	Hydrogen Peroxide	500 ml	1
104.	Iodine solution-100ml	1	2
105.	Hydrochloric acid AR-500ml	1	1
106.	Indicator paper PH 1-14 200LVS	1	10
107.	Industrial Orange Rubber hand Gloves, acid and alkali proof Length:18 inch	1 pair	4
108.	Isopropyl Alcohol-99%	1	10
109.	Janus green stain- 5g	1	1
110.	Lamosolv (for Spirit Lamp)-500ml	1	15
111.	Leishman's stain soln.250 ml-B	1	4
112.	Lens cleaning paper -100 sheets (9 x 14 cm)	1	2
113.	L-leucine 5g	1	1
114.	L-proline 5g	1	1
115.	L-valine 5g	1	1
116.	Magnetic Stirrer Bar-7 pieces 4 x 10 mm / 0.2 x 0.4 in 8 x 15 mm / 0.3 x 0.6 in 8 x 20 mm / 0.3 x 0.8 in. 8 x 25 mm / 0.3 x 1.0 in 9 x 28 mm / 0.4 x 1.1 in	1	1

	10 x 30 mm / 0.4 x 1.2 in 9 x 35 mm / 0.4 x 1.4 in		
117.	Maltose monohydrate-250g	1	1
118.	Manganous sulphate-500g	1	1
119.	Manosol surgical spirit	1	2
120.	Measuring cylinder 1000 ml polypropylene, graduated, autoclavable, hexagonal base, superior	1	2
121.	Measuring cylinder 10ml, glass	1	5
122.	Measuring cylinder 250ml glass grad.	1	5
123.	Measuring cylinder 500ml glass grad.	1	5
124.	Measuring cylinder glass 100ml,	1	5
125.	Mercuric chloride solution-125ml	1	1
126.	Methanol (Acetone free)-2.5 L	1	20
127.	Methyl Benzoate-250ml	1	1
128.	Methylene blue stain-125ml	1	1
129.	Micro slide 75x25mm/blue star	1	10
130.	Micropipette stand, acrylic	1	1
131.	Micropipette- <b>10-100<math>\mu</math> (variable volume)</b>	1	4
132.	Microscope Glass Slides (75 x 25 x 1.4 mm) -Pack of 50	1	3
133.	Microscope Stage clip	1	40
134.	Microslides- <b>75x25mm</b>	1pkt	10
135.	Microtome blade 12x4cm compatible with Amba microtome	1	2
136.	Mueller hinton agar 100G	1	1
137.	Muller Hinton Broth-100 g	1	1
138.	N-Butyl Alcohol-1000 ml	1	10
139.	Neutral red powder 5 g	1	1
140.	Nickel plated steel pins with solid heads. Length 36mm	1 box	10
141.	Ninhydrin AR 10 GM	1	1
142.	Nitric acid 500 ml	1	2
143.	Nitrile gloves, powder free, latex free, odour free, Large size, one packet containing 100 gloves	1	1
144.	Nutrient Agar-100g	1	1
145.	Nutrient broth-100g	1	1
146.	Orthophosphoric acid 500ml	1	2
147.	Parafilm M: one roll size 4" x 125"	1	1
148.	Pepsin-50g	1	1

149.	Perchloric acid-250ml	1	1
150.	Periodic acid-25g	1	1
151.	Petri dishes 100x15mm s-line	1	20
152.	Petri dishes 80x15mm s-line	1	20
153.	Petroleum ether 60-80 C 500ml	1	4
154.	Picric acid-100ml	1	3
155.	Pipette - <b>10ml</b> (single mark)	1	10
156.	Pipette brush with nylon bristles	1	10
157.	Pipette bulb natural rubber, pipettes upto 100 ml	1	5
158.	Pipette Tips blue (1 ml)	1	1
159.	Pipette Tips yellow (200 µl)	1	1
160.	Pipettes, graduated, borosilicate, accurate, tested and heavy walled, accuracy as per class B IS:878:1975-20ml	1	10
161.	Pipettes, graduated, borosilicate, accurate, tested and heavy walled, accuracy as per class B IS:878:1975-5ml	1	10
162.	Pneumatic trough 12'x6'(30x15C	1	2
163.	Potassium chloride 99.5% 500gm	1	1
164.	Potassium chromate lr 500 gm	1	1
165.	Potassium dichromate lr 500 g	1	1
166.	Potassium Ferricyanide-500g	1	1
167.	Potassium hydroxide-500g	1	2
168.	Potassium iodide-25g	1	2
169.	Potassium permanganate 500gm	1	1
170.	Protein marker (3.5 to 260 kDa)	1	1
171.	Quercetin-25g	1	1685
172.	Rack for centrifuge tubes, hold centrifuge tubes 30x15ml and 20x 50ml	1	1
173.	Reagent bottle (1000ml)	1	5
174.	Reagent Bottle (500ml)	1	5
175.	Reagent bottle (5L)	1	2
176.	Reagent bottles (125ml)	1	10
177.	Reagent bottles (250ml)	1	10
178.	Schiff's reagent -125ml	1	1
179.	Semi- micro Spatula, stainless steel, one side flat one side spoon, 6 inch	1	5
180.	Separation funnel -250 ml	1	1
181.	Silver nitrate 25g	1	1

182.	Sodium Acetate-500g	1	1
183.	Sodium carbonate-500g	1	1
184.	Sodium fluoride 500 g	1	1
185.	Sodium hydroxide 500g	4	1
186.	Sodium phosphate monobasic- 500 gm	1	1
187.	Sodium potassium tartrate 250g	1	1
188.	Sodium thiosulphate 500g	1	1
189.	Spatula, stainless steel, one side flat one side spoon, 8 inch, 10 inch	1	10
		1	10
190.	Spirit lamp, metal, stainless steel 125 ml spun type	1	5
191.	Staining Stand (Equitron made) Full stainless steel rigid construction, 280 mm long For washing staining slides,	1	4
192.	Starch soluble 500gm	1	1
193.	Sterile Disc-6mm-1 vial	1	2
194.	Sterilization indicator tapes (one roll)	1	1
195.	Sticker labels-Book containing 200 labels	1	3
196.	Sulphosalicylic acid soln.N/10	1	4
197.	Sulphuric acid LR 500ml	1	2
198.	Test tube 15x125mm(13ML)with r	1	100
199.	Test tube 25 x 150 mm	1	50
200.	Test tube brush with nylon bristles	1	10
201.	Test tube holder iron c.p	1	50
202.	Test Tube stand –polypropylene 31 tubes x 16 mm, Dimension 27 x 6 x 12 cm, 31 places	1	2
203.	Test Tube Stand-polypropylene-6 place rack, 2 holes for holding 25 mm diameter test tubes and four holes for holding 16mm diameter tubes	1	10
204.	Thiobarbituric Acid-5g	1	1
205.	Tip box for holding 1 ml blue tips	1	1
206.	Tip box for holding 200 µl yellow tips	1	1
207.	Tissue paper-roll packet	1	5
208.	Tocopherol-25g	1	1
209.	Tooth Pick-wooden, pointed at one end, high quality, one packet containing 250 sticks	1	12

210.	Tooth Pick-wooden, pointed at one end, high quality, one packet containing 250 sticks	1	18
211.	Transaminase kit ALT AST	1 1	1 1
212.	Trichloroacetic acid-500g	1	1
213.	Trypsin-100g	1	1
214.	Turk's Fluid-125ml	1	5
215.	Tyrosine 5g	1	2
216.	Universal indi.soln.125ml	1	2
217.	Wash Bottles 250 ml Tarson, new type	1 packet (12 nos)	1
218.	Watch glass-3"	1dozen	5
219.	Whatman Filter paper Grade1 Filter Paper- <b>11 cm-1 packet of 100 sheets</b>	1	1
220.	Whatmann's no:1 Filter Paper- <b>9cm-1 packet</b>	1	10
221.	Wick for spirit Lamp -Packet containing bundle of 12	1	3
222.	Wright's Stain-125ml	1	5
223.	Xylene –sulphur free 99.5 %	1	3