

ANNEXURE 12

FORM OF SHORT TENDER NOTICE

Tender No. 7/2022-23 /GCW

Govt. College for Women,
Vazhuthacaud ,
Thiruvananthapuram.

TOTAL ESTIMATE-3,00,000/-

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 Laboratories, Libraries and Furniture -Plan 2022 -2023.**

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 16/01/2023 11.30am Late tenders will not be accepted. The tenders will be opened at 02.00 p. m. on 16/01/2023 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. 960/-+GST18%** (GST amount of the tender form Rs.173/-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 13/01/2023 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.500/-+GST 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: 19/12/2022.

(Name and Designation of Issuing
Officer).

Approval Valid

Digitally Approved By
Dr.Chandini Sam S.P
Date: 21.12.2022
Reason: Approved

Dept of Zoology
Government College for Women
List of Chemicals under Plan Fund 2022- 23

(All Item must belong to reputed firms like SIGMA, SRL, NICE, LOBA, SPECTRUM, HIMEDIA, TM MEDIA, BIOWEL, TARSONS, ABDOS, BOROSIL, GLASSCO, Genei. Only quote for superior quality items. Item No 36 (Silver nitrate) do not quote for liquid. See Images of items 126, 127, 132, 147, 194 and 195 for reference)

Sl. no.	Item	Unit	Quantity
1	Cleansol-Laboratory detergent improved-500 mL	500 ml	5
2	Sodium Lauryl Sulphate extrapure AR, ACS, 99%	100 gm	1
3	Proteinase K -10 mg SRL product ID 32753 or equivalent	1	1
4	Streptomycin Sulphate (STM)-5gmSRL Product ID-91014 or Himedia, Sigma	5 gm	1
5	Chloramphenicol (CFP), 98-102%-5 gm SRL Product 97686, or Himedia, Sigma	5 gm	1
6	Oxidase Discs (50 discs / vl) Himedia DD018	1	1
7	Thiazolyl Blue Tetrazolium Bromide (MTT) extrapure AR, 98%-100 mg, SRL Product ID 33611 (2049101), or Himedia, Sigma	1	1
8	Propidium Iodide (PI) for molecular biology, 95%-25 mg, SRL Product ID 11195 or Himedia, Sigma	250 mg	1
9	Phenol Tris Equilibrated for molecular biology w/ Stabilizer- 60 ml, SRL Product ID 12692, or Himedia, Sigma	1	1
10	Potassium Acetate for molecular biology, 99.5%-100 gm SRL Product ID 96248 Or Himedia, Sigma	100 gm	1
11	Vancomycin Hydrochloride (VNC), 90% SRL Product ID 61078	500 mg	1
12	Ribonuclease A (RNase A) ex. Bovine Pancreas for molecular biology, 50Kunitz/ mg SRL Product ID 98915 or Himedia, Sigma	25 mg	1
13	Deoxyribonuclease I (DNase I) - Type 1A	10 K.Units	1

	ex. Bovine Pancreas for molecular biology, 2000Kunitz U/mg Protein, 80% Protein SRL Product ID 61824 or Himedia, Sigma		
14	Diethyl Pyrocarbonate (DEPC) for molecular biology, 99%- 5 ml	1	1
15	TRIzol-T Reagent-20 ml SRL Product ID -99359, or Himedia, Sigma	1	1
16	Dissection Board wooden 8x4	1	100
17	Sterile Discs-Himedia (SD067-5VL)	1	1
18	NUTRIENT Agar, Himedia, SRL, Merck	100 gm	1
19	Nutrient Broth Himedia, SRL, Merck	100 gm	1
20	Muller Hinton Agar Himedia, SRL, Merck	100 gm	1
21	Muller Hinton Broth Himedia, SRL, Merck	100 gm	1
22	Baicalein 98% Sigma 465119-100MG	100 mg	1
23	Ammonium chloride – 99%	500gm	1
24	Ammonia solution A.R. sp.gr.0.91	500 ml	1
25	Ferrous ammonium sulphate A.R.-99 - 100.5%	500 gm	1
26	Acetic acid glacial A.R. – 99.6%	500 ml	4
27	Iodine crystals I.P, Nice chemical Product IDI80917 (Solution not required)	100 gm	1
28	Leishman's stain solution 250 ml CDH product code 034042 or equivalent	250 ml	2
29	Manganous sulphate monohydrate A.R.	500 gm	1
30	Neutral red powder	5 gm	2
31	Buffer powder pH 4.0(10Cp)	1	5
32	Buffer powder pH 7.0(10Cp)	1	5
33	Buffer powder pH 9.2(10 Cp)	1	5
34	Potassium iodide-99%	100 gm	4
35	Potassium permanganate A.R. – 99.5%	500 gm	1
36	Silver nitrate A.R. – 99.9% NICE chemicals product ID S75309 or equivalent (solution not required)	25 gm	2
37	Lead (II) Acetate Trihydrate pure, 99% SRL product 72518 or equivalent	500gm	1
38	Cupric Sulphate Pentahydrate extrapure	500 gm	1

	AR, 99.5% SRL product ID 61298 or equivalent		
39	Zinc Nitrate Hexahydrate extrapure AR, 99% SRL product ID 24693 or equivalent	500 gm	1
40	Nickel (II) Chloride Hexahydrate extrapure AR, 99% SRL product ID 27303 or equivalent	100 gm	1
41	Nickel (II) Sulphate Hexahydrate ACS, 99% SRL product ID 61397 or equivalent	100 gm	1
42	Sodium hydroxide pellets A.R. – 98%	500 gm	2
43	Sodium thiosulphate A.R. – 99.5-100.5%	500 gm	2
44	Sodium chloride	500 gm	2
45	2,4-Dinitrophenylhydrazine	25g	1
46	Acetic acid glacial	500 ml	4
47	Acetone	2.5 L	10
48	Alanine Transaminase(SGPT) Assay Kit-2x50ml	1	1
49	Alpha -ketoglutaric acid	25g	1
50	Aluminum foil, L 9mts x W 30 cm, roll of 1 Kg	1	10
51	Anthrone	25g	1
52	Aspartate Aminotransferase (SGOT) Activity Assay Kit-2x50ml	1	1
53	Bovine haemoglobin	100g	1
54	Calcium chloride	500g	3
55	Carbinol pure, 99% SRL product ID 15343 or Equivalent	2.5 Litre	7
56	Cavity block with cover/lid-40 x40 mm	1	10
57	Cavity block with cover/lid-55 x55 mm	1	10
58	Centrifuge tubes 50 ml Sterile , conical bottom, Tarson, Axygen, Himedia TarsonCatalog No: 546041	1	100
59	Self Standing Centrifuge tubes 50 ml, Sterile, Tarson, Axygen, Himedia TarsonCatalog No: 546043	1	50
60	Centrifuge Tube Conical Bottom,Cap- 15 ml sterile TarsonCatalog No: 546021or Equivalent	1	100
61	Chloroform	500ml	10
62	Citric acid	500g	1
63	Conical flask- borosilicate glass-1000ml	1	4
64	Conical flask- borosilicate glass-2000ml	1	4

65	Conical flask- borosilicate glass-25ml	1	20
66	Conical flask- borosilicate glass 250ml	1	20
67	Conical flask- borosilicate glass 500ml	1	20
68	Conical flask- borosilicate glass 50ml	1	20
69	Di Nitro Salicylic acid (DNSA)	25g	1
70	Diethylether	500ml	2
71	Dihydroxyphenylalanine	5g	1
72	Diphenylamine AR	100g	1
73	DL-Alanine	25g	1
74	DL-Aspartic Acid	25g	1
75	Micro Centrifuge Tube, PP Autoclavable, Cap- 1.5/1.7ml, 500/pk	1	2
76	Micro Centrifuge Tube, PP Autoclavable, Cap- 2.0ml, 500/pk	1	2
77	Ethanol	500ml	10
78	Ether solvent	500ml	2
79	Ethyl acetate	500ml	5
80	Evaporating flask for rotary evaporator-100ml	1	2
81	Evaporating flask for rotary evaporator-25ml	1	2
82	Evaporating flask for rotary evaporator-50ml	1	2
83	Ferric chloride	500g	1
84	Giemsa's stain	125ml	3
85	Glucose assay kit	100ml	1
86	Hexane	2.5 L	2
87	Hydrochloric acid AR	500ml	5
88	Isopropyl Alcohol-99%	500 ml	10
89	LeucineAminopeptidase (LAP) Activity Assay Kit	100ml	1
90	Nitric acid	500ml	3
91	Oxalacetic Acid	5g	1
92	Paraffin wax-58 to 60 °C	500g	2
93	Parafilm M: one roll size 4" x 125"	1	1
94	Phenolphthalein	100ml	3
95	Sodium Phosphate Dibasic	500g	1
96	Sodium Phosphate Monobasic	500g	1
97	Sodium potassium tartrate	250g	1
98	Sodium pyruvate	25g	1
99	Sucrose	500g	1
100	Tip box for holding 1000 µl blue tips, autoclavable	1	5
101	Tip box for holding 200 µl yellow tips, autoclavable	1	5

102	Tip box for holding 10 µl tips, autoclavable	1	5
103	Trichloroacetic acid	500g	1
104	Trisodium citrate dehydrate	500g	1
105	L – Tyrosine (For biochemistry) – 99% Nice Product IDT16209	5g	1
106	Uric acid assay kit	100ml	1
107	Glass copling staining jar for 5 slides	60ml	10
108	Ammonium sulphamate	100g	1
109	Sodium nitrite	100g	1
110	Sulphuric acid LR	500ml	5
111	D-Tyrosine extrapure, 99% SRL product ID 70600 or equivalent	1 g	1
112	Cavity Slide One Cavity (Single Depression Concave) pack of 10	1	4
113	Tissue paper Roll	1	30
114	Gloves –Nitrile, powder free-medium size	1	4
115	Gloves –Nitrile, powder free-Large size	1	4
116	Aspirator Bottle-10 Litre Polylab, Tarson	1	1
117	Aspirator Bottle-5 Litre Polylab, Tarson	1	1
118	Flask, Boiling, Flat Bottom, Short Neck, Interchangeable Joint, 250 ml BorosilCatalog No: 4100021	1	2
119	Sterile disposable petriplates-individual peel off, gamma irradiated, size 90x15, one box of 460 individual plates	1	1
120	Reversible Rack-hold 80 number of 1.5 ml or 2 ml tubes. Reversibel side hold 60 numbers 0.5 ml tubes packet containing 6 rack Tarson Code: 251010	1	1
121	Combilock Rack Material:PP, Autoclavable Accomodate 4 x 50 ml tubes, 12 x 15 ml tubes, 32 x 1.5 ml micro tubes, or 32 x 0.5 ml micro tubes Tarson code: 202081 Packet containing 4 rack	1	1
122	Magnetic Retrievers, PTFE/ALNICO V MAGNET- 10 x 150, Two/case Abdos code :P80187 or Tarson	1	1
123	SYTO™ 9 Green Fluorescent Nucleic Acid Stain Thermofisher Scientific Catalog number: S34854	100 ul	1

124	Neomycin Sulphate (NMS) pure SRL product ID 35282 or equivalent	25 g	1
125	Naringin pure, 97%, SRL product ID27734 or equivalent	5 g	1
126	Reagent bottles, borosilicate 250 ml with autoclavable screw cap and pouring ring (see picture)	1	300
127	Reagent bottles, borosilicate 500 ml with autoclavable screw cap and pouring ring (see picture)	1	300
128	Borosilicate glass beaker graduated 50 ml	1	20
129	Borosilicate glass beaker graduated 100 ml	1	20
130	Borosilicate glass beaker graduated 250 ml	1	20
131	Borosilicate glass beaker graduated 500 ml	1	20
132	Beaker with Handle and Spout, 1000 ml, Euro Design, Polypropylene, Graduated, Short Form, Autoclavable (see picture)	1	5
133	Tarsons Micro Test Plate (Code : 941196) (Flat Bottom)	1	100
134	Sterile tissue culture plate made of polystyrene, 96 well plate, non-treated, well volume of 0.39ml, surface area plate is 0.3cm, (Himedia-TPG 96)	1	20
135	Cadmium chloride-100 gm	100 gm	1
136	Orthophosphoric acid A.R. – 88%	500 ml	1
137	Potassium dichromate A.R. – 99.9%	500 gm	1
138	Sodium fluoride A.R. – 98%	500 gm	1
139	Potassium chromate – 99%	500 gm	1
140	Potassium hydroxide pellets	500 gm	2
141	Measuring Cylinder, Borosilicate, graduated. Hexagonal base-10 ml	1	5
142	Measuring Cylinder, Borosilicate, graduated. Hexagonal base-100 ml	1	5
143	Measuring Cylinder, Borosilicate, graduated. Hexagonal base-250 ml	1	5
144	Measuring Cylinder Polypropylene-500 ml	1	5
145	Measuring Cylinder Polypropylene-1000 ml	1	5

146	Plastic Dropper for laboratory- 3ml Pack of 100	1	1
147	Wooden Cotton Swabs Sticks Non- Sterilized Medical Grade Pack of 100 pcs (see picture)	1	1
148	Actinomycete Isolation Agar SRL product ID: 24729, Himedia	100 gm	1
149	Cover Glass Superior Quality (Bluestar Number 1) 0.13 - 0.16 mm Thickness, Square Size 24 x 24 mm Pack of 1	1	5
150	Cover Glass Superior Quality (Bluestar Number 1) 0.13 - 0.16 mm Thickness, Rectangular Size: 22mm x 40 mm Pack of 1	1	5
151	Petri Dish, borosilicate glass 100 x 17 mm	1	20
152	L-Leucine β -naphthylamide hydrochloride	100mg	1
153	2,4- DNPH (2,4 – dinitrophenyl hydrazine)	25g	1
154	Acetyl choline	5g	1
155	Acrylamide extrapure, 99%- SRL product ID 22794	500g	1
156	Alkaline p- hydroxydiphenyl	500g	1
157	Ammonium molybdate	100g	1
158	ANSA (1- amino -2- naphthol 4- sulfonic acid)	25g	1
159	ATP	1g	2
160	Calcium hydroxide	100g	1
161	Coomassie brilliant blue	5g	1
162	Cytochrome C	100mg	1
163	Disodium arsenate	25g	1
164	DL- Isocitrate	1g	1
165	Glucose-6- phosphate	1g	1
166	Glycyl glycine	5g	1
167	Histidine	25g	1
168	Hydroxylamine hydrochloride	100g	1
169	Iodo-nitrotetrazolium violet	1g	1
170	L- glutamic acid monopotassium salt	100g	1
171	Lactic acid	500ml	1
172	Magnesium chloride	100g	1
173	Manganese chloride	500g	1
174	N- phenyl -p- phenylenediamine	5g	1

175	N-(1-Naphthyl)ethylenediaminedihydrochloride (NED)	5g	1
176	N,N,N,N-TetramethylEthylenediamine (TEMED) extrapure AR, 99%- SRL product ID 84666	100ml	1
177	NADH	100mg	1
178	NADPH	25mg	1
179	Nitro blue tetrazolium	100mg	1
180	Perchloric acid	500ml	1
181	Phenazinemethosulfate	1g	1
182	Potassium cyanide	1g	1
183	Potassium dihydrogen phosphate, monobasic	500g	1
184	Potassium ferrocyanide	500g	1
185	Potassium phosphate	500g	1
186	Sodium oxalo acetate	500g	1
187	Sodium pyrophosphate	500g	1
188	Sodium succinate	100g	1
189	Thiamine pyrophosphate	1g	1
190	Tris base	100g	1
191	β - naphthyl amine dichloride	100g	1
192	Glucose	100g	1
193	BioLitFluro Green qPCR Master Mix (2X)-1 ml SRL product ID 60159	1	1
194	Surgical Magnifying Lens 4" Heavy Handle With Rim Chromium Plate	1	5
195	Blood Lancet-diabetes type, Pack of 100 pieces of glucometer lancet *See image	1	5

TOTAL AMOUNT 3,00,000/-

Item No 126 and 127 (REAGENT BOTTLES, borosilicate 250 ML/500 ml WITH AUTOCLAVABLE SCREW CAP AND POURING RING)



Item 132 Beaker with Handle and Spout,
1000 ml, Euro Design, Polypropylene,
Graduated, Short Form, Autoclavable



Item 147 Wooden Cotton Swabs Sticks
Non-Sterilized Medical Grade Pack of 100 pcs



Item 194 Surgical Magnifying Lens 4"
Heavy Handle With Rim Chromium Plate



Item 194 Blood Lancet-diabetes type,
Pack of 100pieces of glucometer lancet

