

Notice

Competitive quotes are invited from reputed firms/companies for the supply of the consumables appended. The Quotations should be submitted in sealed covers, superscribing "QUOTATIONS FOR SUPPLY OF LABORATORY CONSUMABLES" and addressed to **Head, Department of Aquatic Biology and Fisheries, Kerala University Campus, Kariavattom 695581, Thiruvananthapuram, Kerala**. Quotations are to be received in the Department on or before **4 pm, 29 November 2018**.

LIST OF CHEMICALS

1. Acetic acid 2L
2. Acetonitrile HPLC Grade 2.5L
3. Agar (bacteriological) 500g
4. Alkaline Peptone Water 100, 500g
5. α -Naphthol 100g
6. Ammonia solution 500ml
7. Ammonium chloride 500 g
8. Ammonium hydroxide 500 g
9. Ammonium Molybdate Tetrahydrate (Ammonium Hepta Molybdate) 500 g
10. Ammonium oxalate 500 g
11. Ammonium Sulfate 500 g
12. Ampicillin (Antibiotic Discs) 10 μ g
13. Arabinose Agar base 25 g
14. BAPNA (sodium-benzoyl-DL-arginine-p-nitroanilide HCl, Himedia) 25 mg
15. Biotin 1g
16. Blood agar 100, 500g
17. Boric Acid 500 g
18. Bouin's solution 500ml
19. Bradford Protein Assays Kit
20. Calcium Chloride Dihydrate 500g
21. Calcium Nitrate Tetrahydrate 500g
22. Calcium Superphosphate 500g
23. Cetrimide Agar 100, 500g g
24. Chloramphenicol (Antibiotic discs) 30 μ g – 50 nos
25. Chloroform 2.5 litre
26. Cobaltous Chloride Hexahydrate 250g
27. Cobaltous Nitrate Hexahydrate 250g
28. Coomassie brilliant blue R-250 10g
29. Crystal Violet 10g
30. Cupric Sulphate Anhydrous 500g
31. Di phenyl amine indicator 10g
32. Dialysis membrane

33. Disposable Microtome blade (Leica)
34. DPX Mountant 500ml
35. EC Broth 100, 500g
36. EDTA 500g
37. EMB Agar 100, 500g g
38. Eosin Y water soluble 25g
39. Eriochrome black T indicator powder
40. Ethylene glycol 2.5L
41. Ethylenediaminetetraacetic acid ferric sodium salt 100g
42. Ferric Chloride Anhydrous 500g
43. Ferrous ammonium sulphate 500 g
44. Ferrous Sulphate (Crystalline) 500 g
45. 9-fluorenylmethyl chloroformate (FMOC) 5g
46. Formalin 25L
47. Gelatin 500g
48. Glucose Agar 100, 500g
49. Glycerine 500 ml
50. Glycine 50 g
51. Gram stain kit 250 ml each (kit)
52. Hektoen Enteric Agar 250 g
53. Hematoxylin 5 g
54. Hugh Leifson Medium 100, 500g
55. Hydrazine sulphate 25 g
56. Hydrochloric acid 2.5 litres
57. Hydrogen Peroxide 500 g
58. KIA (Klingler Iron Agar), 100, 500g
59. Kovac's Cytochrome Oxidase Reagent 100 ml
60. Kovac's Indole Reagent 100 ml
61. Lia (Lyne Iron Agar) 250 g
62. Lugol solution 1 litre
63. Magnesium Sulphate Heptahydrate 500 g
64. Manganous chloride 500 g
65. Manganous sulphate 500 g
66. McConkey agar 500 g
67. Mercaptoethanol 100, 500ml
68. 3-mercaptopropionic acid 100g
69. Methanol 2.5 l
70. Methicillin (Antibiotic discs) 5 µg – 50 nos
71. Methyl orange indicator 100 g
72. Methyl Red Indicator 100 g
73. MFC Agar 250 g
74. Micrococcus lysodeikticus, (lyophilized cells) 5g
75. Molybdenum Trioxide LR
76. Molybdo vanadate reagent
77. MRS Agar 100, 500g
78. MRVP Medium (Methyl Red Voges-Proskauer) 100, 500g

79. N – (1- naphthyl) – Ethylene diaminedihydrochloride (NEDA) 25 g
80. n- propanol 500 ml
81. N, N-dimethylformamide 25 g
82. Nitroblue tetrazolium 10 mg
83. Nutrient Agar 100, 500g g
84. Nutrient broth 100, 500g
85. o-phthalaldehyde 1g
86. Paraffin wax 2.5 litre
87. Paraformaldehyde 2 litre
88. Paraplast Plus 500g
89. PBS (Phosphate buffered saline) 1L
90. Pepsin (5%) 1g
91. Perchloric acid 500mL
92. PH indicator solution
93. Phenolphthalein indicator 25g
94. Potassium antimonyl tartrate 100 g
95. Potassium Dihydrogen Ortho phosphate 500 g
96. Potassium hydroxide 500 g
97. Potassium iodide 500 g
98. Potassium phosphate dibasic solution
99. Potassium phosphate monobasic solution
100. Potato Dextrose Agar 100, 500g
101. Propanol 2.5 litre
102. Resorcinol AR 100g
103. Sabouraud broth 100, 500g
104. Simmon's Citrate Agar 250 g
105. Sodium Carbonate Anhydrous 500g
106. Sodium Chloride 500 g
107. Sodium citrate 500 g
108. Sodium Dihydrogen Ortho phosphate Dihydrate 500 g
109. Sodium hexa meta phosphate 500 g
110. Sodium Hydrogen Carbonate (Sodium bicarbonate) 1 kg
111. Sodium hydroxide flakes 1 kg
112. Sodium hypochlorite 2 litres
113. Sodium Metasilicate 500 g
114. Sodium Molybdate 500 g
115. Sodium Nitrate 500 g
116. Sodium nitrite Anhydrous 25 g
117. Sodium nitroprusside 500 g
118. Sodium Phosphate Buffer 1 litre
119. Sodium sulphide 500 g
120. Sodium thiosulphate 500 g
121. SS Agar 100, 500g
122. Streptomycin (antibiotic discs) 10 µg – 50 nos
123. Sucrose Agar 100, 500g
124. Sulphanilamide 500 g

125. Sulphuric acid 2.5 litres
126. TCBS Agar 500 g
127. Tergitol 7 Agar 100 g
128. Tetracyclin (antibiotic discs) μg – 50 nos
129. Thiamine hydrochloride 10, 25 g
130. Tricaine methanosulphonate 10 g
131. Tris HCl 100g
132. Tryptic soya broth 100, 500g
133. Tryptone Broth 100, 500g
134. TSI (Triple Sugar Iron) Agar 100
135. Urea 500 g
136. Urea Agar 100 g
137. XLD Agar 100 g
138. Xylene 1L
139. Zinc Chloride 500 g
140. Zinc Sulphate Heptahydrate 500 g
141. Zobell marine agar 100 g

LIST OF GLASS WARES REQUIRED

1. Beaker 1 L – 6 each
2. Beaker 100 ml – 6 each
3. Beaker 25 ml – 6 each
4. Beaker 250 ml – 6 each
5. Beaker 50 ml – 6 each
6. Beaker 500 ml – 6 each
7. Blue cap bottles (pp screw cap) 1000 ml – 4 nos
8. Blue cap bottles (pp screw cap) 500 ml – 4 nos
9. BOD Bottles 300 ml
10. Burette stand – 6 nos
11. Burette 100 ml – 6 nos
12. Burette 50 ml – 6 nos
13. Carboy Polypropylene, Medical grade 50L
14. Carboy with Stopcock, Polypropylene, Medical grade, 50L
15. Conical Flasks 1 litre – 6 nos
16. Conical Flasks 5 litres – 3 nos
17. Conical Flasks 250 ml – 12 nos
18. Conical Flasks 500 ml – 12 nos
19. Cotton absorbant
20. Cotton Non-absorbant
21. Cover glass Rectangular – 3 packets
22. Cover glass Round – 3 packets
23. Digestion Flask 50 ml
24. Dropper/Fillers – 24 nos

25. Filter Paper Coarse, 1 ream
26. Filter paper Whatman 42
27. Syringe Filters PTFE, 0.22 μ , 25 mm dia
28. Funnels 100 mm
29. Glass Slide 6 packets
30. Imhoff Setting Cone 1 litre – 1no
31. Imhoff Setting Cone Rack – 1 no
32. Measuring Cylinders 1 L – 6 nos
33. Measuring Cylinders 10 ml – 6 nos
34. Measuring Cylinders 100 ml – 6 nos
35. Measuring Cylinders 25 ml – 6 nos
36. Measuring Cylinders 250 ml – 6 nos
37. Measuring Cylinders 50 ml– 6 nos
38. Measuring Cylinders 500 ml – 6 nos
39. Petridish (Pairs) 100X15mm - 12 nos
40. Petridish (Pairs) 200X20 mm - 12 nos
41. Pipette (Blowout) 20 ml – 12 nos
42. Pipette (Blowout) 50 ml – 12 nos
43. Pipette (Graduated) 1 ml – 12 nos
44. Pipette (Graduated) 10 ml – 12 nos
45. Pipette (Graduated) 2 ml – 12 nos
46. Pipette (Graduated) 20 ml – 12 nos
47. Pipette (Graduated) 5 ml – 12 nos
48. Reagent Bottles 250 ml
49. Reagent Bottles 500 ml
50. Standard Flask 1 L – 6 nos
51. Standard Flask 100 ml
52. Standard Flask 25 ml
53. Standard Flask 250 ml
54. Standard Flask 50 ml
55. Standard Flask 500 ml
56. Spreader, Triangular SS 10
57. Test Tubes 20 ml – 24 each
58. Test Tubes 50 ml – 24 each

Preferred Quality / Brands:

Quote Both **AR and LR** Quality of Chemicals

Sigma-Aldrich-Fluka, Merck, Qualigens, Rankem, Himedia, SD Fine, SRL

Borosil, Schott Duran, Riviera, Tarson, Millipore, Whatman

Terms and conditions governing “Supply of Laboratory Chemicals/ Glass wares/ Plastic wares/Filter papers/Media”

The intending supplier shall also have to mention, the detailed specifications, name of manufacturer/make, code no. of the Chemicals, Glass wares, & Plastic wares and has to enclose the catalogs for which the rates are quoted.

The rates i.e., discount on printed price list in figures should be quoted for each individual item separately. The rates must be **valid up to March 31, 2019.**

The intending supplier should quote the inclusive rates and only with **Concessional GST @ 5%** and delivered at free of cost. The laboratory Chemicals/ Glasswares/ Plasticwares/ Filter papers/ will have to be supplied as per the specifications within SIX WEEKS or as per the last date mentioned in the final supply order.

The supplier shall ensure prompt supply, failing which the quotation will be summarily rejected. Non delivery of items will also lead to cancellation of purchase order without any notice.

Damaged/ broken / inferior quality articles should be replaced by proper ones and will be the responsibility of the supplier.

The **advance bill should be presented in triplicate** in the name of the Head, Department of Aquatic Biology and Fisheries.

Final payment of consumables will be made only after complete delivery of the material / goods and after the completion of the entire official formalities.

The purchase committee reserves the right to obtain the materials by negotiations from one or more of the supplier, in case the rates, quality, make, specifications or other terms and conditions etc. of supplier are not found appropriate or suitable.

**Professor and Head
Department of Aquatic Biology and Fisheries**