

Department of Aquatic Biology and Fisheries
University of Kerala
Karyavattom Campus, Thiruvananthapuram – 695581

QUOTATION NOTICE

Ref. No.: KU/QTN/AQB- ACL/2018–19/5(a)
07.12.2019

Competitive Quotations in sealed covers super-scribing the items are invited for purchase of WOODEN FURNITURE for the use in Department of Aquatic Biology and Fisheries, University of Kerala. Technical specifications and quantity of the items required are listed below. Sealed Quotations may be send to the below address on or before 18.12.2019.

Item	Brand	Specification
Wooden Furniture	Local	6' X 3' X 1.5', Jack Wood, 4 racks, Door with lock
Laboratory Chairs	Local	With Handle, without cushion, Jack wood

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- The model and specifications of the items should be mentioned clearly in the quotation.

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QUOTATION NOTICE

Ref. No.: KU/QTN/AQB- ACL/2018–19/6(a)
07.12.2019

Competitive Quotations in sealed covers super-scribing the items are invited for purchase of STEEL SHELF for the use in Department of Aquatic Biology and Fisheries, University of Kerala. Technical specifications and quantity of the items required are listed below. Sealed Quotations may be send to the below address on or before 18.12.2019.

Item	Brand	Specification
Steel Shelf	Local	Suitable for Micro Algal Culture, Width 6'x Depth 1.5' x Height 7', with Aluminium Frame Sliding Glass Door. Water Resistant, 2 year Warranty against rusting,

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QUOTATION NOTICE

Ref. No.: KU/QTN/AQB- ACL/2018–19/7(a)
07.12.2019

Competitive Quotations in sealed covers super-scribing the items are invited for purchase of **Laboratory Chemicals (for Algal Culture)** for the use in Department of Aquatic Biology and Fisheries, University of Kerala. Technical specifications and quantity of the items required are listed below. Sealed Quotations may be send to the below address on or before 18.12.2019.

Item	Brand	Specification
Laboratory Chemicals (for algal culture)	Reputed, Indian/ foreign brands	Reputation of high performance in axenic culture of algae is preferred. (List of Chemicals attached)

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Appendix for List of Chemical

1.	Ferric Chloride Anhydrous
2.	Manganous Chloride
3.	Boric Acid
4.	EDTA Disodium Salt Dihydrate
5.	Sodium Dihydrogen Ortho phosphate Dihydrate
6.	Sodium Nitrate
7.	Zinc Chloride
8.	Cobaltous Chloride Hexahydrate
9.	Ammonium Molybdate Tetrahydrate (Ammonium Hepta Molybdate)
10.	Cupric Sulphate Anhydrous
11.	Hydrochloric Acid
12.	Sodium Metasilicate
13.	Sodium Molybdate
14.	Zinc Sulphate Heptahydrate
15.	Magnesium Sulphate Heptahydrate
16.	Sodium Chloride
17.	Di-potassium Hydrogen ortho phosphate
18.	Potassium Dihydrogen Ortho phosphate
19.	Calcium Chloride Dihydrate
20.	Molybdenum Trioxide
21.	Cobaltous Nitrate Hexahydrate
22.	Ferrous Sulphate (Crystalline)
23.	Sulphuric Acid
24.	Calcium Nitrate Tetrahydrate
25.	Sodium Hydrogen Carbonate (Sodium bicarbonate)
26.	Ethylenediaminetetraacetic acid ferric sodium salt
27.	Ethylenediaminetetraacetic acid solution
28.	Sodium Carbonate Anhydrous
29.	Manganous Sulphate Monohydrate
30.	Thiamine hydrochloride
31.	Vitamin B12
32.	Biotin
33.	Ammonium Sulfate
34.	Calcium Superphosphate
35.	Urea
36.	Sodium Hypochlorite
37.	Sodium Thiosulphate
38.	Propanol
39.	Selenium Dioxide
40.	Lithium Chloride
41.	Rubidium Chloride
42.	Strontium Chloride
43.	Sodium Bromide
44.	Sodium Iodide
45.	Nutrient Agar
46.	Agar
47.	Fe Sequestrene
48.	Tris Buffer
49.	Penicillin G – 1625 Units
50.	Penicillin K – 12000 Units
51.	Streptomycin sulphate
52.	Chloramphenicol
53.	Polymyxin B
54.	Neomycin

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Competitive Quotations in sealed covers super-scribing the items are invited for purchase of **Glassware (for Algal Culture)** for the use in Department of Aquatic Biology and Fisheries, University of Kerala. Technical specifications and quantity of the items required are listed below. Sealed Quotations may be send to the below address on or before 18.12.2019.

Item	Brand	Specification
Glassware (for algal culture)	Reputed, Indian/ foreign brands (Preferred Brand – Borosil or equivalent for glassware and Tarson or equivalent for plasticwares)	Reputation of high performance in axenic culture of algae is preferred. (See list in the next page)

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Appendix for List of Glasswares/ Plasticwares

1. Beakers
2. Erlenmeyer flasks (silicon plugs)
3. Reagent bottles
4. Pipettes
5. Conical Flasks
6. Test tubes (screw caps)
7. Tubes
8. Measuring Cylinders
9. Petridishes
10. Spatulas
11. Funnels
12. 0.45 micro meter syringe filter
13. Micro Pipettes (10-100 micro liter; 100-1000 micro liter)
14. Click lock micro centrifuge tube (0.5, 1.5 and 2 ml)
15. Narrow Mouth Bottles (4, 8, 15, 30 ml capacity)
16. Universal Combi racks
17. Micro tube rack
18. Micro Tips (2-200 and 200-1000 micro liters)
19. Pasteur pipette
20. Storage vial (1ml, 2ml, 5 ml)
21. Autoclavable Microtip Boxes (20-200 and 200-1000 micro liters)
22. Pipette stand

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QUOTATION NOTICE

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Competitive Quotations in sealed covers super-scribing the items are invited for purchase of **FRP Tanks** for the use in Department of Aquatic Biology and Fisheries, University of Kerala. Technical specifications and quantity of the items required are listed below. Sealed Quotations may be send to the below address on or before 18.12.2019.

Item	Brand	Specification
FRP Tanks	Local	5mm thickness, Suitable for Out Door Algal Culture, 500 lit Circular tanks without valve, 1.5 ton Rectangular tanks fitted with High Quality Valve 3 year warranty from leakage.

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QUOTATION NOTICE

Ref. No.: KU/QTN/AQB- ACL/2018–19/11

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Competitive Quotations in sealed covers super-scribing the items are invited for purchase of **Zoom Stereo Microscope** for the use in Department of Aquatic Biology and Fisheries, University of Kerala. Technical specifications and quantity of the items required are listed below. Sealed Quotations may be send to the below address on or before 18.12.2019.

Item	Brand	Specification
Microscope with suitable digital camera and adapter	Reputed International Brands Preferred Brands: Leica, Olympus, Magnus	45 degree inclined, Zoom Ration 1:7, Magnification Range: 6.5x to 45x with 10x eye piece, paired wide field Eyepieces, Working Distance 100mm, With in-built light stand (6V15W). Suitable for use in Micro Algal Culture Labs

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QUOTATION NOTICE

Ref. No.: KU/QTN/AQB- ACL/2018–19/12

07.12.2019

Competitive Quotations in sealed covers super-scribing the items are invited for purchase of **Water Purifier and Double Distillation Unit** for the use in Department of Aquatic Biology and Fisheries, University of Kerala. Technical specifications and quantity of the items required are listed below. Sealed Quotations may be send to the below address on or before 18.12.2019.

Item	Brand	Specification
Water Purifier and Double Distillation Unit	Reputed International Brands Preferred Brands for Water Purifier: Kent, Aquaguard Preferred Brands for Distillation Unit: Borosil	Water Purifier for Prefiltration of tap water, automatic cut off, 5 litre sump, suitable for connection with the Double Distillation Unit. Double Distillation Unit: 2.5 L/hr, Single Phase, All glass, borosilicate boiler and condenser, Quartz Heater, Vertical Wall mountable models preferred. 2 x 5 lit Aspirator Bottles with Stop Cock need to be included.

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