



UNIVERSITY OF KERALA
DEPARTMENT OF AQUATIC BIOLOGY & FISHERIES

Karyavattom, Thiruvananthapuram 695 581, Kerala, India
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QUOTATION NOTICE

Sealed quotations are invited from the Original Equipment Manufacturers (OEM) or their authorized dealers for supply and installation of the following equipments for the lab of **M.Phil course in Marine Science & Technology** (No. Ac.D/1/34516/2019) at the Department of Aquatic Biology and Fisheries, University of Kerala as per the specification mentioned here.

Last date and time of receipt of quotations: 21-12-2020; 03.00 PM

Quotation may be addressed to: The Professor & Head, Department of Aquatic Biology and Fisheries, University of Kerala, Karyavattom, Thiruvananthapuram 695581

SL. No.	Item	Specifications
1	Van Veen Grab Sampler (One)	<ul style="list-style-type: none">• Bottom Sampler or Van Veen grab large model, a qualitative sampler to achieve low-disturbed sediment• Samples in soft or medium hard grounds from any desired depth.• Material: Stainless steel• Grasping area: 1000 cm²• Overall dimensions: approx. 35 x 42 x 90 (cm)• Weight: approx. 25 kg

SL. No.	Item	Specifications
2	Niskin water sampler and messenger (one)	<ul style="list-style-type: none">• Niskin-Type Plastic Water Sampler (PWS) features all plastic (PVC) design, consisting of a tube with two lids connected by a latex rubber tubing.• Material<ul style="list-style-type: none">o Plastic parts : PVCo Rubber cord : Natural latex• Sealings : NBR• Dimensions : 2.5 L (Approx. 90 x 140 x 765 mm)• Weight : 2.5 L (Approx. 3.5 kg)• Rope : Approx. 6 mm dia and 30 m long• Accessories : Centered mounting rack• Messenger : 400 gm included

SL. No.	Item	Specifications
3	<p data-bbox="308 300 1090 331">Zooplankton net and mechanical flow meter (one each)</p> <p data-bbox="308 416 494 483">Zooplankton net</p> <p data-bbox="308 990 472 1057">Mechanical flow meter</p>	<p data-bbox="564 383 1382 949"> Mouth Ring: Stainless Steel, Approx. 10mm thickness Aperture: Approx. 500mm dia Mesh Size: 100µm Nylon Length of the net: 1.8 mts Collection Bucket: Stainless steel with single window, Window: must be covered by a net, according to the mesh size of the plankton net. Window protection: Stainless steel net at the outer side (90mm inner diameter, 200mm height, Lateral stop-cock opening) Seam tape and thread: Double- stitched long service under seagoing conditions with Stainless steel for eye lid for tying and towing Rope: Polypropylene Rope for towing; Running on all four corners of the net as additional support to the net. Clamp: Stainless steel quick release </p> <p data-bbox="564 994 1382 1352"> The main application of the Mechanical Flow Meter is the determination of the amount of water passing through plankton net. Additionally it may be used in stationary applications such as flow monitoring of rivers and outfalls. They use a three-blade impeller, directly coupled to a five-digit counter which records the revolutions of the impeller. For Horizontal operation use the mechanical flow meter basic version without back-run stop. For vertical operation use the mechanical flow meter basic version with back-run stop. </p> <p data-bbox="564 1397 1137 1536"> Hydraulic pitch : 0.3 m per revolution Range of counter: 99999 revolutions Impeller diameter: 75 mm Material: Plastics / titanium </p>

SL. No.	Item	Specifications
4	Phytoplankton net	
	Phytoplankton net	Mouth Ring: Stainless Steel, Approx. 70 cm 2-3 meter long net bag, made of Tetex (upper part), gaze of 100 µm (middle part) and gaze of 55 µm (lower part and side window of Net bucket) Heavy net bucket frame for high towing rope speed during descent. Seam tape and thread: Double- stitched long service under seagoing conditions with Stainless steel for eye lid for tying and towing Rope: Polypropylene Rope for towing; Clamp: Stainless steel quick release

Terms and Conditions

1 The bidder should submit following documents along with bid:

- Detailed technical compliance of product quoted with cross reference
- Brochure and literature of the product quoted establishing its Brand, Make, Model and Technical Specifications
- List of addresses of Offices/Company's Service Centres
- Original Equipment Manufacturer (OEM) Certificate/ Undertaking. If the bidder is not an OEM, Certificate of authorized dealership/ distributorship from the OEM.
- Certificate from the OEM for technical support to the bidder and supply of spares.

2. Incomplete & conditional quotations received after the due date will be summarily rejected without assigning any reasons thereof

3. The Price/Rate quoted should be inclusive of all Taxes Freight, Packing & Forwarding Charges, Handling, Delivery Charges, installation charges etc.

4. The configuration given is the minimum configuration that is/are required. Vendors may choose to supply higher/better/ enhanced systems, but their financial quotes shall be treated as if they have been offered for the specified configuration only.

5. The bid shall be typed and shall be signed by the bidder or a person duly authorized to bind the bidder to the contract.

6. The bidder is expected to examine all instructions, forms, terms, condition, and technical specifications in the quotation Documents. Failure to furnish all information required by the quotation documents or submission of a bid not substantially responsive may result in the rejection of its bid.

7. The bidders shall give undertaking that all the Components used in the equipments shall be original make as per the technical specifications submitted and the hardware/software shall be supplied with the authorized license certificates, if found contrary the supplier shall replace the component/equipment with original one at their own cost 8.

8. All prices should be in INR

9. Delivery and installation: Proposed delivery schedule should be mentioned clearly. Delivery and installation should be made at the Department in Karyavattom campus without any extra cost. Complete installation, testing of the system and demonstration are to be provided at site.

11. Service facility: Supplier should mention their details of service setup and manpower in Kerala who are responsible for service and supply of AMC, if any.

12. In case of any dispute, the decision of the University authority shall be final and binding on the bidders. The undersigned reserves the right to reject any or all of the tenders received without assigning any reason thereof.

The quotations should be submitted in sealed over with title **“Quotation for the equipments for the lab of “M.Phil course in Marine Science & Technology” at the Department of Aquatic Biology & Fisheries, University of Kerala”**

Dr A BIJU KUMAR

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Date: 02.12.2020