

Meghalaya State Pollution Control Board

Forests & Environment Department, Government of Meghalaya

'ARDEN' Lumpynggad, Shillong - 793014

Website : <http://megspcb.gov.in>



No. MPCB/TB-59(Pt-III-B)/2023-2024/41

Dated Shillong the 13th Nov 2023

QUOTATION NOTICE

Sealed quotations are hereby, invited from reputed manufactures or their authorized suppliers/or agents for supply of the following equipments/instruments conforming to the specified technical specifications or latest configuration, upto **1.00 PM** on the **24th Nov 2023** in the office of Meghalaya State Pollution Control Board, Shillong

<u>SL.NO</u>	<u>NAME OF THE EQUIPMENT/INSTRUMENT WITH SPECIFICATION</u>
1.	: Conductivity Meter (portable)
2.	: Turbidity Meter (Bench)
3.	: Steel cover Manual Thermometer
4.	: Micropipette (100ml – 1ml)
5.	: Micropipette (5ml – 10ml)
6.	: Pipette Stand
7.	: Bucket Steel
8.	: Gumboot Size: 7 & 8
9.	: Rope: 30 meters
10.	: Rain Coat
11.	: Slipper Size: 6
12.	: Slipper Size: 7
13.	: Ice Box
14.	: Sign Board
15.	: Water Proof cover Jacket for RDS & PM 2.5 samplers
16.	: Magnetic Stirrer

The quotations received will be opened by the undersigned on the same date and hour in presence of the suppliers or their authorized representatives, who likes to be present, if any.

The Detailed technical specifications of the equipment / instruments and terms & conditions of supply can be obtained from the Board's Website www.megspcb.gov.in

(Dr. G.H. CHYRMANG, MFS)
MEMBER SECRETARY
MSPCB, SHILLONG

Memo No. MPCB/TB-59(Pt-III-B)/2023-2024/41-A

Dated Shillong the 13th Nov 2023

Copy to:

1. The Chairman, MSPCB, Shillong for favour of information.
2. The Notice Board, MSPCB, Shillong.
3. Board's website.

(Dr. G.H. CHYRMANG, MFS)
MEMBER SECRETARY
MSPCB, SHILLONG

Annexure-A

DETAILED PARTICULARS, TERMS AND CONDITIONS

GENERAL TERMS & CONDITIONS OF QUOTATION:

1. The Detailed Specification of the Equipment/Instruments including Brand name, Make, Model etc should be clearly indicated in the Quotation.
2. The rates quoted should be exclusive of taxes and shall remain firm and fixed.
3. Taxes shall be paid as applicable.
4. No packing, forwarding, handling, insurance, delivery charges, etc. will be paid.
5. Delivery of the items including installation / commissioning should be made within 1 (one) month from the date of issue of the Supply Order.
6. The items should be delivered to the Member Secretary, Meghalaya State Pollution Control Board, Shillong – 793014 and receipt obtained thereon. No claims shall be entertained if items are delivered to any unauthorized person.
7. The Instrument with all its accessories is to be installed and commissioned at the Central Laboratory, MSPCB.
8. The supplier should provide on-site demonstration of the equipment. Authorized Calibration Certificate shall be provided during installation
9. Calibration facility should be made available and should be done at site as and when required.
10. Warranty/Guarantee period for each instrument should be at least for a period of 2(two) years
11. The supplier will have to replace the defective materials / items, if found, free of cost and other charges during warranty period. Free maintenance during the warranty period, prompt after sale service including technical support and availability of spares and consumables as and when required.
12. Payment shall be made only after receipt of items in full and good condition as per specifications and successful installation and commissioning of the equipment to the full satisfaction of the Board.
13. In case of any dispute between the supplier and the consignee, the matter should be referred to the Chairman, Meghalaya State Pollution Control Board, Shillong – 7930104 whose decision shall be final and binding on all concerned.
14. The supplier (if a non-tribal) should possess a valid Trading License issued by a competent authority.
15. In case of any dispute between the supplier and the consignee, the matter should be referred to the Chairman, Meghalaya State Pollution Control Board, Shillong – 793014, whose decision shall be final and binding on all concerned.



(Dr. G.H. CHYRMANG MFS)
MEMBER SECRETARY
MSPCB, SHILLONG

TENTATIVE TECHNICAL SPECIFICATIONS OF EQUIPMENT/INSTRUMENT

1. Conductivity Meter (portable)

Range	:	0.0 to 199.9 μ S/cm; 0 to 1999 μ S/cm; 0.00 to 19.99 mS/cm
Resolution	:	0.1 μ S/cm; 1 μ S/cm; 0.01 mS/cm; 0.1 mS/cm
Accuracy	:	\pm 1% FS (excluding probe error)
Calibration	:	Manual, one point

2. TURBIDITY METER (BENCH TYPE)

Range	:	0 – 1000 NTU in 4 Ranges
Accuracy	:	\pm 1.0% of FSD in 0 – 500 NTU \pm 2.0% of FSD in 500 – 1000 NTU
Repeatability	:	\pm 1% of FS (Std)
Repeatability	:	\pm 1% of FSD (Std)

3. Steel covers Manual Thermometer

Steel Cover Thermometer: Thermometer filled with colour liquid (without mercury) and protected inside a cover to avoid any breakage in freezers.

4. Micropipette (100ml – 1ml)

Volume adjustment is easily achieved by turning the thumb activated plunger mechanism:

- Completely autoclavable at 121°C
- Ergonomic design
- Tip Ejector, for smooth ejection of the tip*
- Precise setting of the selected volume ensures accurate aspiration & dispensing of the liquid
- Grip made out of TPE (Thermo Plasto Elastomer) Prevents transfer of heat to internal components ensuring accurate pipette operation even on continuous use.
- Good chemical & UV-light resistant

Clear 4 – digit display: The selected volume is shown on a clear digital display window on the hand grip

The durable tip cone offers highest resistance to shocks and chemical corrosion:

*The 10.000 μ l (10ml) models BOE 9611111 do have a blocked tip ejector. The 10ml tips have to be removed by hand

5. Micropipette (5ml – 10ml)

Volume adjustment is easily achieved by turning the thumb activated plunger mechanism:

- Completely autoclavable at 121°C
- Ergonomic design
- Tip Ejector, for smooth ejection of the tip*
- Precise setting of the selected volume ensures accurate aspiration & dispensing of the liquid
- Grip made out of TPE (Thermo Plasto Elastomer) Prevents transfer of heat to internal components ensuring accurate pipette operation even on continuous use.
- Good chemical & UV-light resistant

Clear 4 – digit display: The selected volume is shown on a clear digital display window on the hand grip

The durable tip cone offers highest resistance to shocks and chemical corrosion:

*The 10.000 μ l (10ml) models BOE 9611111 do have a blocked tip ejector. The 10ml tips have to be removed by hand

6. Pipette Stand**7. Bucket Steel 3 liters****8. Gumboot Size: 7& 8**

- Gumboot 11.5-inch size 7 product plain toe sole – hard PVC, colour– black

- Gumboot 12.5-inch size 8 product plain toe sole – hard PVC, colour– black

9. Rope: 30 meters

Rope with two softy metal hook 30m (32ft nylon rope two softy)

10. Rain Coat

Rain coats (XL) – water proof rain coat for men heavy duty water resistant with hood (Black or Blue color) polyester fabric.

11. Slipper Size: 6

12. Slipper Size: 7

13. Ice Box

Ice Box: 25ltrs – Dimension: 38.5 x 37.5 x 30 cm

Ice Box: 50ltrs – Dimension: 62 x 36.5 x 36.5 cm

14. Sign Board

Signboard in NAMP stations:

- Signboard size: 2 ft x 3ft
- Board material: ACP (aluminium composite panel) board
- ACP board to be fixed in square pipe (1.5 inch)
- Fonts: Radium reflector with Board's logo, font size 2.5 inch
- Post: Angle steel post 1.5 inch of 2 m height

15. Water Proof cover Jacket for RDS & PM 2.5 samplers

Cover for PM2.5 & PM10 Sampler:

For RDS

- The cover should be sturdy, properly fitted to protect the instrument from sunlight, rain, dust etc. and durable.
- The cover should be front opening.
- The outer dimension should be 19-inch width, 15.5-inch depth and 36-inch height approx.
- Description of material: PVC synthetic coated fabric (waterproof material), 0.5mm thickness, to protect from sunlight, rain, dust etc.
- If required, MSPCB will ask for the sample to verify the quality, durability and fittings etc. from the bidder.

For PM 2.5 Sampler

- Rain protection cover should be sturdy, properly fitted to protect the instrument from sunlight, rain, dust etc. and durable.
- The cover should be front opening.
- The outer dimension should be 19-inch width, 16.5-inch depth and 41-inch height approx.
- Description of material: PVC synthetic coated fabric (waterproof material), 0.5mm thickness, to protect from sunlight, rain, dust etc.
- If required, MSPCB will ask for the sample to verify the quality, durability and fittings etc. from the bidder.

16. Magnetic Stirrer

- Magnetic Stirrer with Hot Plate: 5ltrs
- Max stirring capacity: 5ltrs
- Platform: Ceramic coating Surface
- Dimension of Plate: 155mm x 155mm
- Heating Temperature Range: RT-380 OC. Stirring point position quantity 80mm.
- Motor Type: Brushless Motor
- Speed Range: 200-1500 RPM
- Display: LCD