

MEGHALAYA STATE POLLUTION CONTROL BOARD



Forests & Environment Department
GOVERNMENT OF MEGHALAYA

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No.MPCB/TB-92 (PT-XI)/2017-2018/

Dated Shillong the


QUOTATION NOTICE

Sealed quotations are, hereby, invited from reputed manufactures or their authorized dealers/or agents for supply of the following equipments/instrument conforming to the technical specifications indicated here in or latest configuration clearly indicating detailed technical specification (s) including the Brand name, Model, Make etc. upto **2:00 PM** of the **30th May 2017** in the office of Meghalaya State Pollution Control Board, Shillong

Sl.No	Name of the Equipment/Instrument	Unit of Quantity
1.	CO Analyzer (Portable)	Each
2.	Handheld Conductivity meter	Each
3.	Handheld pH meter	Each
4.	Handheld Dissolved Oxygen Meter	Each
5.	Digital thermometer	Each
6.	Rain Gauge	Each

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 tentative technical specifications of the equipment / instruments and terms & conditions of supply are as per Annexure A & B respectively.


MEMBER SECRETARY
MSPCB, SHILLONG

No.MPCB/TB-92 (PT-X)/2016-2017/ *61-A*
Copy to:

Dated Shillong the

4/5/2017

1. The Chairman, MSPCB, Shillong for favour of information.
2. The Jr. Accountant, MPCB, Shillong for information
3. The Notice Board, MSPCB/Board's Website.


MEMBER SECRETARY
MSPCB, SHILLONG

A. TENTATIVE TECHNICAL SPECIFICATIONS OF EQUIPMENT/INSTRUMENT

1. CO Analyzer (Portable)

The instrument is requires for measurement of fugitive emission of carbon monoxide etc emitted from industrial units and should conform to the following specifications

TECHNICAL SPECIFICATIONS

	<u>Meas. Range</u>	<u>Accuracy ± 1 digit</u>	<u>Resolution</u>	<u>Adjustment time t_{90}</u>
Temperature (flue gas) :	0 to +400 °C	$\pm 1^\circ\text{C}$ (0 to + 100 °C) $\pm 1.5\%$ of mv ($>100^\circ\text{C}$)	0.1 °C	(50 s)
Temperature (ambient temperature) :	-20 to + 100.0 °C	$\pm 1^\circ\text{C}$	0.1°C	(50 s)
Draught measurement:	-20 to +20 hPa	± 0.03 hPa (-3.00 to +3.00 hPa) $\pm 1.5\%$ of mv (remaining range)	0.01 hPa	
Pressure measurement:	-40 to 40 hPa	± 0.5 hPa	0.1 hPa	
O ₂ measurement:	0 to 21 Vol. %	± 0.2 Vol. %	0.1 Vol. %	30 s
CO measurement (without H ₂ compensation) :	0 to 4000 ppm	± 20 ppm (0 to 400 ppm) $\pm 5\%$ of mv (401 to 2000 ppm) $\pm 10\%$ of mv (2001 to 4000 ppm)	1 ppm	60 s
Ambient CO measurement:	0 to 4000 ppm	± 20 ppm (0 to 400 ppm) $\pm 5\%$ of mv (401 to 2000 ppm) $\pm 10\%$ of mv (2001 to 4000 ppm)	1 ppm	60 s
Efficiency (ETA) :	0 to 120 %		0.1 %	
Flue gas loss:	0 to 99.9 %		0.1 %	

GENERAL TECHNICAL DATA

Storage Temp. :	-20 to +50°C	Display:	Backlit 2 – line display
Oper. Temp. :	-5 to +45°C	Weight with probe:	Approx. 700g
Power supply:	Battery: 1500 mAh, mains unit 5V/1A	Dimensions:	201x83x44mm
Memory:	No memory	Warranty:	Measuring instrument, flue gas probe Gas sensors: 24months Thermocouple: 12months Battery: 12 months

