

**CENRAL POLLUTION CONTROL BOARD
ZONAL OFFICE (SOUTH) BANGALORE
NISARGABHAVAN, 7TH D MAIN
SHIVANAGAR, RAJAJINAGAR
BANGALORE – 560010**

F.No : Tech-42/Project –I/4/Lab/ZOB/2013-14/

Date: 08.08.13

Sealed tenders are invited on behalf of Zonal Officer (South) Bangalore, from the NABL, EPA recognized laboratories to carryout Ambient Air Volatile Organic Compounds (VOCs) in the Three industrial estates 1) Vizag , 2) Mangalore and 3) Chennai. The details are enclosed in the annexure.

- The sealed tenders should mention on the cover “Tender for monitoring VOCs)
- The tenders should be addressed to Zonal Officer (South)- Bangalore
- The Last day for receiving the tender is 30.08.2013.
- CPCB, ZOB shall not be held responsible for delay in receipt of tender document by post

You are requested to fill up the quote as per the format given below

Tender specification enclosed as annexure

| S.No | No of VOCs as per EPA | Monitoring and Analysis Charges per sample per station | Any other charges (clearly specify) | Taxes |
|------|-----------------------|--|-------------------------------------|-------|
|------|-----------------------|--|-------------------------------------|-------|

Zonal Officer

Tender Specifications

CPCB, ZO(S), Bangalore is proposed to carryout monitoring of Volatile Organic Compounds (VOCs) during the financial year 2013-14. In this regard sealed quotes are called from the NABL, EPA recognized labs to carry out the same by following the terms and conditions.

- The VOCs should be monitored by using ATD tubes containing Tenax/XAD followed by Charcoal or better absorbing media to absorb all 60 EPA notified VOC compounds.
- The monitoring should be carried out for 24 hrs at one location
- No of monitoring stations may vary from minimum of three in one industrial estate to any number depending on the field conditions.
- Along with the field monitoring a one field blank and lab blank should also be kept simultaneously to check any passive sampling or interferences.
- The active sampling should be carried out at 0.5 lpm constantly using intrinsic personal samplers. The tubes must follow with back up tube just to see whether any saturation is taking place or not.
- Minimum length of the ATD tube should be as specified by EPA or Instrument manufacturer.
- The Laboratory should have Valid EPA notified 60 VOCs Mixture.
- Before the start of the study the lab should submit the Traceability, repeatability, reproducibility along with sensitivity of the instrument along with the instrument Serial number and Make.
- The results must be accompanied through Chromatogram both soft and hard copies.
- The results obtained must be kept very secretive and only available to identified CPCB, ZO(S)B, officials.
- Permission to witness the analysis by the CPCB, ZO(S)B, and staff must be given at all the time of analysis. Suitable accommodation should be provided if needed near the laboratory.
- You should prepare a report and hand over a soft copy as well as hard copy.
- You should have sufficient well trained field assistants to simultaneously monitor at least 3 places at a time or more. CPCB, ZO (B) shall not pay for any expenses for monitoring the field assistants.
- You should take care of the instruments in the field especially in the night monitoring.
- Your quote should specify the basic rates + Taxes etc.
- Payment shall be made after necessary TDS deductions.

(S.Suresh)
Zonal Officer