



ANDHRA PRADESH POLLUTION CONTROL BOARD

A-III, Industrial Estate, Sanathnagar, Hyderabad-500018.
Ph : 23887500 Fax : 040-23887519 Grams : Kalusya Nivarana Website : appcb.ap.nic.in

INVITING APPLICATIONS FOR ENVIRONMENTAL AUDITORS UNDER ENVIRONMENT AUDIT SCHEME

Andhra Pradesh Pollution Control Board has launched Environment Audit Scheme for Scheduled Industries / Projects / Urban Local Bodies (ULBs) located in the State of Andhra Pradesh.

Applications are invited from the Govt. Universities / Govt. Colleges / Reputed Govt. Institutions and Organisations / Govt. Research and Development Organizations located in the State of Andhra Pradesh or National Research Organisations and Institutions located in the common capital Hyderabad for the Environmental Auditors.

The details of eligibility criteria, auditor's fee and other details including applications for auditors are available in the A.P.P.CB website i.e. www.appcb.ap.nic.in.

Eligible and interested applicants are requested to submit their applications to the Member Secretary, Andhra Pradesh Pollution Control Board, A-3, Industrial Estate, Sanathnagar, and Hyderabad - 500018 within 15 days.

MEMBER SECRETARY

APPLICATION FORM

Date:

To,
The Member Secretary,
Andhra Pradesh Pollution Control Board,
Paryavaran Bhavan, A-III, Industrial Estate,
Sanath Nagar, Hyderabad

Sub. : Application for ENVIRONMENTAL AUDITORS

1.	Name of the University/Research Institute Full Address with Pin code Phone: Fax: e-mail: Website:				
2.	Name of the Laboratory/Department (if different) of the University/Research Institute Full Address with Pin code Phone: Fax: e-mail:				
3.	Laboratory Details including area of lab, details of qualified analysts, details of instruments etc				
4.	Names, addresses and technical qualifications of members of each Team of Auditors				
		Name	Designation	Qualification	Experience, if any
4.1	A person possessing a degree in Environmental Engineering /Civil or Mechanical Engineering awarded by a University recognized in India or abroad.				
4.2	A person possessing a degree in Chemical Engineering awarded by a University recognized in India or abroad.				
4.3	A person possessing a degree in Chemistry/Environmental Science awarded by a University recognized in India or abroad.				
4.4	A person possessing a degree in Life Sciences or Social Sciences awarded by a University recognized in India or abroad.				
Note : 1. An certification declaring all the four members of the team are employees and not associated elsewhere 2. Separate sheet may be used, if required Encl.: As above.					
Signature and Name of authorised person					

ELIGIBILITY CRITERIA FOR ENVIRONMENT AUDITORS:

The applicant to be environment auditor shall be part of Govt. Universities / Govt. Colleges/ Reputed Govt. Institutions and Organizations / Govt. Research and Development Organizations located in the State of Andhra Pradesh or National Research Organizations and Institutions located in the common capital Hyderabad and have adequate manpower, experience in relative field, qualifications and laboratory facilities as stated under to qualify as an Environmental Auditor along with appropriate training and knowledge of Environment Audit.

Eligibility criteria for Audit Team:

- a) **Qualification: Each Audit team must comprise of four members, having following qualification:**

Member-I

A person possessing a degree in Environmental Engineering or a degree in Civil Engineering / Mechanical Engineering (having at least one year experience in environmental matters) awarded by the recognized University or Institute in India or abroad.

Member-II

A person possessing a degree in Chemical Engineering/Technology awarded by a recognized University or Institute in India or abroad.

Member-III

A person possessing a degree in Chemistry or Environmental Science awarded by a recognized University or Institute in India or abroad.

Member-IV

A person possessing a degree in Life Science or Social Sciences awarded by a recognized university or institute in India or abroad.

b) Experience:

Technical team members shall have an experience of one year in the field of the Environment Management .

c) Number of teams:

Auditor can have maximum two numbers of teams for audit work having man power, qualifications and experience as shown at (a) and (b). In other words no auditor shall have more than two r teams for environment audit work.

d) Number of Audits

No auditor shall take up more than fifteen environmental audit works per team and maximum numbers of environmental audit work to be carried out by each auditor per year shall not exceed thirty under any circumstances.

e) Laboratory :

i) Space: Each auditor must have an adequate laboratory having an area of minimum 30 Sq m for one team & 50 sq m for two teams.

ii) Instruments/parameters: The applicant shall have self reliant laboratory with duly calibrated required instruments as per Annexure-A and shall have qualified and trained human resources to analyze the parameters shown in list annexed as Annexure-B.

iii) Laboratory shall be in the Andhra Pradesh State or in common capital of Hyderabad as the scheme is applicable for the AP State only.

f) Reorganization:

Each auditor must have valid reorganization from APPCB. No auditor shall submit environmental audit report for any industry/Project/ ECFs/ ULB, without recognition.

List of environment auditor having valid recognition is available on website which is updated from time to time. (i.e. www.appcb.ap.nic.in)

ANNEXURE – A

List of basic laboratory Instruments

1. Balance: - a. Analytical 5 digit balance
b. Routine lab analytical balance
2. pH meter
3. COD Assembly
4. BOD Incubator
5. Hot Air Oven
6. Muffle furnace
7. Conductivity Meter
8. Turbidity Meter
9. Spectrophotometer
10. Flame Photometer
11. Noise level Meter
12. RDS – for PM2.5 micron & PM10 micron
13. Stack Monitoring Kit
14. Phenol Distillation
15. Hot plate
16. Stirrer
17. Water Bath
18. Microscope
19. Centrifuge
20. Refrigerator
21. Autoclave
22. CO₂ Analyzer for Stack monitoring

In addition it is desirable to have:

1. DO Meter
2. Ion Selectivity meter
3. Kjeldhal Assembly (Total Nitrogen)
4. AAS (Atomic Absorption Spectrophotometer)
5. G.C.(Gas Chromatograph)
6. HPLC (High Performance Liquid Chromatography)
7. TOC (Total Organic Carbon) Analyzer.
8. VOC (Volatile Organic Compound)
9. Colony Counter
10. Water Distillation Assembly
11. Bacteriological Incubator
12. Laminar Air Flow

ANNEXURE - B

Water Analysis Parameters:

1. pH
2. Temperature & colour
3. Total Suspended Solids (TSS)
4. Total Dissolved Solids (TDS)
5. Chemical Oxygen Demand (COD)
6. Bio Chemical Oxygen Demand (BOD)
7. Dissolved Oxygen (DO)
8. Conductivity
9. Turbidity
10. Alkalinity
11. Oil & Grease
12. Chloride
13. Phenolic Compounds
14. Sulphate
15. Nitrite
16. Heavy metals like Cr, Cu, As, Ni, Zn, Cd, Pb, Co, Hg etc.

Hazardous Waste Parameters:

1. Acidity
2. Total Phenol
3. Heavy Metals viz. Cr, Cu, As, Ni, Zn, Cd, Pb, Co, Hg etc.
4. Total Organic Compounds
5. Cyanide

Ambient Air Analysis

1. R.S.P.M. (Respirable Suspended Particulate Matter)- PM10
2. Particulate Matter –PM 2.5
3. SO₂ (Sulphure dioxide)
4. NO_x (Oxides of Nitrogen)
5. Cl (Free Chlorine)
6. H₂S (Hydrogen Sulphide)
7. HCl (Hydrogen Chloride)
8. NH₃ (Ammonia)
9. CS₂ (Carbon Disulfide)
10. Acid Mist
11. CO(Carbon Monoxide)

Process stack/Vent Emission/flue gas stack emission

1. P.M. (Particulate Matter)
2. SO₂ (Sulphure dioxide)
3. NO_x (Oxides of Nitrogen)
4. Cl₂ (Free Chlorine)
5. HCl (Hydrogen Chloride)
6. NH₃ (Ammonia)
7. Hydrogen Sulphide
8. Br₂ (Bromine)
9. CS₂ (Carbon Disulphide)
10. HBr (Hydrogen Bromide)
11. HCN (Hydrogen Cyanide)
12. CO₂

AUDITOR FEE:

APPCB will pay auditor fee as details below:

1. Monitoring / Sampling and analysis charges for Water, Air and Solid / Hazardous waste as per rates fixed by the CPCB.
2. TA for team members as per rate applicable for class-I Officers of State Government, Lodging charges not exceeding Rs2500/- per member subjected to submission of bills, and daily DA of Rs.500/-
3. Audit Fee of Rs.1,00,000 and Field Men Allowance of Rs.50000/- i.e total fee of Rs.1,50000/.
Or as fixed by the committee from time to time in 3 installments from Central Auditors Pool Fund. Intern, APPCB will collect auditors fee and auditor expenses from the concerned Industries / Projects / Common Facilities / ULBs.
4. Mode of Payment: APPCB will pay advance of Rs 75000/ per industry within one month after allocation of industry to the auditor, interim payment after six months on submission of bills for analysis and logistics and final payment within one month after submission of final Audit Report.
5. Mode of collection of Audit Expenses and Fees by the board from Industries/ Projects/CEFs /ULBs: Industries/ Projects/CEFs /ULBs covered under Audit Scheme shall pay Rs.1,50,000/ to the board within 15 days from the date of allocation to the auditor, interim payment within 15 days on receiving of bills from the auditor and final payment within 15 days from submission of final audit report based on actuals.