



ABSTRACT

Environment, Climate Change – Tamil Nadu Pollution Control Board - Upgradation of Tamil Nadu Pollution Control Board Laboratories and District Environmental Offices and Flying Squads with Handheld / Mobile Sophisticated Instruments for air and water analysis from the Board Funds – Approval Accorded – Orders - Issued.

ENVIRONMENT, CLIMATE CHANGE AND FOREST (EC.2(1)) DEPARTMENT

G.O.(Ms) No.136

Dated: 09.08.2024

குரோதி, ஆடி - 24

திருவள்ளூர் ஆண்டு -2055

Read:

From the Chairperson, Tamil Nadu Pollution Control Board,
letter No.TNPCB/DD(Lab) F.No.1571/2024, dated 24.7.2024.

ORDER:

The Hon'ble Minister (Environment, Climate Change) has made the following announcement in the floor of assembly during the budget session 2024-2025: -

"To strengthen the analytical and field capabilities of Tamil Nadu Pollution Control Board in Air and Water quality analysis for various parameters, with immediate response to effects caused by natural disasters such as major cyclones, gaseous leakages, Oil spillages, fire/chemical accidents, etc. and to address public complaints, certain Handheld / Mobile sophisticated Instruments for air and water analysis shall be procured from the Board fund".

2. In the reference read above the Chairperson, Tamil Nadu Pollution Control Board has sent the proposal and stated that instruments will be procured for all the Advanced Environmental Laboratories, District Environmental Laboratories and District Environmental Engineer Offices and Flying Squad of the Tamil Nadu Pollution Control Board for field purpose and to assess the nature of pollutant level immediately in the field as an emergency response to environmental issues like cyclone, heavy rainfall, cloud burst and flash flood which leads to disasters like oil spills, gas leakages and water pollution related petitions received from public, the complaints received from Hon'ble Madras High Court, National Green Tribunal (NGT) and the Government of India.

3. The Chairperson, Tamil Nadu Pollution Control Board has further stated that there is a need to improve the field analytical capability of the Board by

procuring advanced handheld instruments at a cost of Rs.6.00 crore for Advanced Environmental Laboratories, District Environmental Laboratories and District Environmental Engineer Offices and Flying Squad of the Tamil Nadu Pollution Control Board.

4. The following is the list of Instruments to be procured for the upgradation of Tamil Nadu Pollution Control Board laboratories and District Environmental Engineers Office by providing Handheld Sophisticated Instruments for Air and Water Analysis:-

Sl. No.	Name of the instrument	Quantity Required	Unit cost Rs. In lakhs (Approximate)	Total cost Rs. In lakhs (Approximate)
1	pH Meter (Bench Top)	18	1.00	18.00
2	Conductivity Meter (Bench Top)	18	1.00	18.00
3	D.O Meter (Bench Top)	18	1.00	18.00
4	Turbidity Meter (Bench Top)	18	1.00	18.00
5	pH meter Conductivity Meter (Portable) DEEs office and Flying Squad.	38	1.00	38.00
6	Volatile Organic Carbon (VOC) Analyser	18	8.30	149.40
7	Flue Gas Analyser	18	8.00	144.00
8	Ammonia, Carbonmonoxide (CO), Carbon dioxide (CO ₂), Ozone(O ₃) Hydrogen Sulphide (H ₂ S) Sulphur dioxide (SO ₂) Nitrogen dioxide (NO ₂) Chlorine (Cl ₂) detectors	18	1.8	32.40
9	Handheld sampler of PM10, PM2.5 (Sensor based)	32	0.85	27.20
10	Ultra-Violet Spectrophotometer	10	12.00	120.00
11	Flame Photometer	18	0.90	16.20
	Grand Total			599.20

The total expenditure for procuring the above instruments works out to Rs.6.00 crore. The above expenditure will be met from the Board fund.

5. The above proposal was placed before the Board meeting for according administrative sanction for Rs.6.00 crore from the Board fund for up-gradation of Tamil Nadu Pollution Control Board laboratories and District Environmental offices and Flying Squads with handheld sophisticated instruments for air and water analysis. The Board after detailed discussion vide its Resolution No.294-4-6, Dated: 18.07.2024 has resolved to approve same at a cost of Rs.6.00 crore from the Board's fund.

6. The Chairperson, Tamil Nadu Pollution Control Board has therefore requested to issue order from the Government for the proposed upgradation of Tamil Nadu Pollution Control Board Laboratories and District Environmental

Offices and Flying Squads with Handheld / Mobile Sophisticated Instruments for air and water analysis at the cost of Rs.6 crore from the Board's Fund.

7. The Government after careful examination have decided to accept the proposal of Tamil Nadu Pollution Control Board in para 6 above to accord approval for Upgradation of Tamil Nadu Pollution Control Board Laboratories and District Environmental Offices and Flying Squads with Handheld / Mobile Sophisticated Instruments for air and water analysis at the cost of Rs.6 crore from the Board's Fund.

(BY ORDER OF THE GOVERNOR)

P. SENTHILKUMAR
PRINCIPAL SECRETARY TO GOVERNMENT

To

The Chairperson,
Tamil Nadu Pollution Control Board, Chennai-32

Copy to

The Member Secretary, Tamil Nadu Pollution Control Board,
Chennai-32.

The Special/Senior Private Secretary to
Hon'ble Minister (Environment & Climate Change), Chennai-9
The Private Secretary to Principal Secretary to Government,
Environment, Climate Change and Forests Department,
Chennai-9.

The Finance department, Chennai-9
Stock File/Spare Copy.

//FORWARDED / BY ORDER//

Jyoti Chandra
09/18/2024
SECTION OFFICER

undl
9/18/24

