



اداره تحفظ ماحول حکومت پنجاب  
An ISO Certified Agency



**GOVERNMENT OF THE PUNJAB  
ENVIRONMENTAL PROTECTION AGENCY**

**Dated the 27<sup>th</sup> April, 2026**

EPA/SEC/O/260427/0043

**ORDER**

**478/PA/DG/EPA/2026**

**CONSTITUTION OF A COMMITTEE FOR DETERMINATION OF COMPREHENSIVE COST OF  
LOW-COST AIR QUALITY SENSORS INCLUDING ASSOCIATED INFRASTRUCTURE,  
OPERATIONAL EXPENSES AND LONG-TERM MAINTENANCE**

In continuation of this office Order No. 446/PA/DG/EPA/2026 dated 26.01.2026, whereby a Panel of Experts was constituted to undertake technical assessment of available Low-Cost Air Quality Sensor technologies and recommend suitable systems for deployment in Punjab, and subsequent finalization of technical specifications of the said sensors, the following Committee is hereby constituted to examine market trends, assess prevailing rates of approved sensor systems and allied components, and recommend the tentative market price of Low-Cost Air Quality Sensors for proposed procurement and installation across the Province:

<b>Sr. No.</b>	<b>Officer</b>	<b>Role</b>
1	<b>Mr. Noor Ahmed</b> Director (EMC), EPA Punjab	Covener
2	Representative of Lab, EPA Punjab	Member
3	<b>Hafiz Muhammad Asif</b> Deputy Director (I&S), EPA Punjab	Member
4	<b>Dr. Rizwan Haider</b> Deputy Director (Air Monitoring), EMC EPA Punjab	Member
5	Mr Ehsan ul Haq (GIS Specialist), EMC, EPA Punjab	Member/ Secretary

**Term of Reference:**

- Determine the unit and total cost of low-cost air quality sensor core units suitable for deployment across the Punjab, aligned with technical specifications recommended by the Panel of Experts vide Notification No. 446/PA/DG/EPA/2026
- Assess the specifications and cost of Solar Power Systems for each Sensor Site

- iii. Determine the cost of Installation & Integration, including sensor commissioning and integration with the Central Data Acquisition System (CDAS).
- iv. Evaluate and propose the cost of a Central Data Management System, including server infrastructure (cloud or on-premises), database licensing, API development, public dashboard, and integration with existing EPA Punjab systems.
- v. Suggest estimated cost for operation and maintenance/replacements of spares for next five-year costs.
- vi. Submit a detailed report with cost breakdown and recommendations to the Director General, EPA Punjab by 30th April 2026.



**(DR. IMRAN HAMID SHEIKH)**  
**DIRECTOR GENERAL**  
**ENVIRONMENTAL PROTECTION AGENCY**

**C.C.**

A copy is forwarded for information and necessary action to the:-

- 1) Secretary  
Environment Protection and Climate Change Department
- 2) Additional Director General , (Implementation)  
Environmental Protection Agency
- 3) Additional Director General , (Operations)  
Environmental Protection Agency
- 4) Director , (Monitoring Laboratory and Implementation)  
Environmental Protection Agency
- 5) **All Directors EPA Punjab**
- 6) Director , (Environmental Monitoring Center)  
Environmental Protection Agency
- 7) Deputy Director (Information Services) , (Information Services)  
Environmental Protection Agency
- 8) Deputy Director , (Air Monitoring)  
Environmental Protection Agency
- 9) **Mr Ehsan ul Haq (GIS Specialist), EMC, EPA Punjab**
- 10) Deputy Director , (SAW)  
Environmental Protection Agency
- 11) Coordinator , (CKENPD)  
Environmental Protection Agency
- 12) Assistant Director (Public Relation Officer) , (Public Relation Officer)

Environmental Protection Agency

13) Social Media Handler , (Social Media)  
Environmental Protection Agency

14) librarian , (EPA)  
Environmental Protection Agency

15) Personal Assistant , (PA To DG)

Environmental Protection Agency



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