



केंद्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
(पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार)
(Ministry of Environment, Forests & Climate Change, Govt. of India)
परिवेश भवन, पूर्वी अर्जुन नगर, दिल्ली-110032
Parivesh Bhawan, East Arjun Nagar
Delhi - 110 032

**Minutes of Meeting with Nodal Officers of SPCBs/PCCs (for CPSU Project) on
Data Display and Data Supply from CAAQM Stations to be installed under CSR
funds of CPSUs on BOOT Mode**

A meeting was held on 31.12.2016 in CPCB with the all the nodal officers of SPCB/PCC on "Data Display and Data Supply from Continuous Ambient Air Quality Monitoring Stations (CAAQMS) proposed under Build, Own, Operate and Transfer (BOOT) Mode". Dr. D. Saha, Head Air Quality Management Division, Chaired the meeting.

- He welcomed all the participants and with brief self-introduction informed about the progress of the project and spell out the timeline of the stations installations.
- He also emphasized that the location should be open to the sky and must be well ventilated, well representing the area and must be away from the source and activity area.
- It was suggested that the Government premises / Research Institutes shall be preferred.
- The ground of the site should be grassy land so that ground level dust interference may be avoided or the height of the platform for the installation of the CAAQM container may also be increased as per the available site requirement.
- He shared the information regarding the curtailing of the stations due to back-out of some of the CPSUs in the State of WSPCB (4), MPPCB (4), JKPCB (1), MSPCB (1), CSPCB (2) and DPCC (2). This has resulted reduction of number of stations to 48 (**revised list of CAAQM stations enclosed**).
- State Boards has also been informed that they have to provide sitting space and required furniture, infrastructure facilities (ACs, Electricity etc.) for Central Data Server to be setup by the selected bidder and shall have an open loop to install a Data Display Board (own cost) at their identified location in Head Office.
- Technical Training for the officials and the newly appointee (to be recruited under this project) shall be provided by the CPCB/selected bidder for O&M, Calibration, Data Validation and Display.
- Dr. Saha also informed that the E-Tender for this project has already been opened and Technical Evaluation is being carried out and hopefully the orders may be placed by end of the February 2017. The data from these CAAQM stations will start generating latest by 1st August 2017.

Following State Boards/Committee members participated in the meeting:

1. Madhya Pradesh Pollution Control Board(MPPCB)
2. West Bengal Pollution Control Board (WPCB)
3. Jharkhand Pollution Control Board (JKPCB)
4. Bihar State Pollution Control Board (BSPCB)
5. Haryana State Pollution Control Board (HSPCB)
6. Maharashtra State Pollution Control Board (MSPCB)
7. Tamil Nadu state pollution control board (TNSPCB)
8. Gujarat State Pollution Control Board (GSPCB)
9. Meghalaya State Pollution Control Board (MSPCB)
10. Rajasthan State Pollution Control Board(RSPCB)
11. Tripura State Pollution Control Board(TSPCB)
12. Uttar Pradesh Pollution Control Board(UPPCB)
13. Andhra Pradesh Pollution Control Board(APPCB), and
14. Delhi Pollution Control committee(DPCC)

Following State Boards were absent:

1. Uttarakhand Environment Protection & Pollution Control Board (UEPPCB)
2. State Pollution Control Board Odisha (SPCBO)
3. Chhattisgarh Environment State Pollution Control Board (CSPCB)

Each participated SPCB/PCC has given the details and their preparedness for the setting up of the CAAQM station(s) in their respective States. Following points has emerged after the discussion:

- Some of the State Boards has already identified the location and consent letter has been obtained in most of the cases from the concerned authorities.
- All Boards agreed to provide necessary documentations including ownership, if required along with necessary permission and will help to get the required electricity connection, lease line / broadband etc. to the successful bidder for early installation of the system.
- Some of the State Board has identified the locations and requested CPCB for the final selection. It has been decided that SPCBs will also provide the locations map including Latitude and Longitude.
- It has also been clarified that State Boards will not have to pay any amount in connection with the installation of CAAQM Station(s) in their States.
- They have been advised to make sure to get the permission required as per the applicable laws for installation of CAAQM installation in their States.
- State Boards have also been advised to cross check the items pertaining to CAAQM Stations(s) with the Technical Specifications like unique identification number, latest model, quantity as ordered etc. during the installation process.
- Concerned SPCBs are also in process to constitute a Committee for the validation of data.

- For Data Quality Check, CPCB will develop a uniform Data Validation protocol (SOP) with the necessary inputs from the respective SPCBs and will also organize training programme for the concerned SPCBs, so that the uniformity in Data quality and validation is maintained.
- In case of shifting of the station due to any reason, the entire shifting charges shall be borne by the concerned SPCB.
- All the participant has been Informed regarding salient features of BOOT mode such as Data Display, Data Capture Rate and Penalties Provisions, etc.

Other Issues discussed:

- All the participants were provided the copy of CPCB publication titled "Technical Handbook for Installation, Maintenance, Calibration, Data Connectivity and Data Quality Check of CAAQM System (Real Time) for update knowledge of CAAQMS.
- All the SPCBs were requested to provide the list of the CAAQM Station(s) operating in their State.
- In the meeting, 74th Amendment have also been discussed and it was requested that the Municipalities should also participate for cleanliness of environment, further they have been suggested to call meeting with local Municipal Committees at District Level to assign them responsibilities for cleaning of environment including participation in the air quality monitoring and & management in the respective municipal area.
- All SPCBs were also requested to provide timely Utilization Certificate including Statement of Expenditure incurred of the fund received from CPCB to avoid any audit objection.
- They have been also requested to provide the UCs of the funds received in other projects for the setting up of CAAQM station(s) (million-plus cities and critical polluted areas) (**List enclosed**).
- State Board also suggested to including the Consumer Protection Clause in the Work Order under this project.
- Third Party Data audit will also be carried out for the stations for which SPCBs may identify the agency.

Meeting ended with thanks to and from the Chair.

Attendance Sheet

Sub: Meeting with the Nodal Officers of SPCBs (for CPSUs Project)

Ref: Setting up of CAAQMS under CPSUs CSR Funds

Date & Time: January 31, 2017, 11.00 A.M.

Venue: Conference Hall, 2nd Floor, Parivesh Bhawan, CPCB, Delhi

S. No.	Name of the participants	Organisation
1.	Dr. D. Saha, Head Air Quality Management Division	CPCB
2.	Sh. S.C. Kollur, Scientific Officer	MPCB
3.	Dr. Rajendra Chaturvedi, Scientist	MPPCB
4.	Sh. S. N. Jayaswal, Scientist	BSPCB
5.	Sh. Bishu Karmakar, Scientist 'B'	TSPCB
6.	Sh. Harish Chandra Joshi, Assistant Scientific Officer,	UPPCB
7.	Sh. R. N. Kashyap, Board Analyst	JSPCB
8.	Sh. Rohit Tiwari, OSD	WBPCB
9.	Dr. P.K. M.K. Das, Senior Scientist	HSPCB
10.	Dr. K. Ranganathan, Director	TNPCB
11.	Sh. P.J. Vachhani, Senior Environmental Engineer	GPCB
12.	Sh. M. N. Warbah	MSPCB
13.	Sh. Trilok Chand, Environmental Engineer	DPCC
14.	Sh. Amit Sharma, Environmental Engineer	RSPCB
15.	Sh. N. V. Bhaskara Rao, Jt. Chief Environmental Engineer	APPCB
16.	Sh. S.K. Sharma, Scientist 'C'	CPCB
17.	Sh. D.C. Jakhwal, Scientist 'C'	CPCB
18.	Sh. Neeraj Katiyar, SSA	CPCB
19.	Sh. Gautam Tiwari, Junior Research Fellow	CPCB

Revised list of CAAQMS in Million-plus Cities / State Capitals

with support from CPSUs under CSR Fund

S. No.	City	No. of CAAQMS	Name of the CPSUs	State	
01.	Vishakhapatnam	01	RINL (1)	Andhra Pradesh	
02.	Raipur	01	NMDC (3)	Chhattisgarh	
03.	Indore	01		Madhya Pradesh	
04.	Jabalpur	01			
05.	Faridabad	01		POWER GRID (1)	Haryana
06.	Nagpur	01	MOIL (1)	Maharashtra	
07.	Bhopal	03	NTPC (25)	Madhya Pradesh	
08.	Gwalior	03			
09.	Ranchi	03		Jharkhand	
10.	Patna	02		Bihar	
11.	Varanasi	02			
12.	Lucknow	02		Uttar Pradesh	
13.	Meerut	03			
14.	Allahabad	03			
15.	Pimpri – Chinchwad	02		Maharashtra	
16.	Madurai	02		Tamil Nadu	
17.	Navi Mumbai	01		EIL (01)	Maharashtra
18.	Kolkata	02		CIL (16)	West Bengal
19.	Bhubaneswar	02			Odisha
20.	Rajkot	02			Gujarat
21.	Vadodara	02			
22.	Surat	01	Maharashtra		
23.	Thane	02	Rajasthan		
24.	Kota	02	Uttarakhand		
25.	Dehradun	01	Tripura		
26.	Agartala	01	Meghalaya		
27.	Shillong	01			
	27 Cities	48 CAAQMS	07 PSUs	16 States	

RINL - Rashtriya Ispat Nigam Limited; **NMDC** - National Mineral Development Corporation

CIL - Coal India Limited; **MOIL** - Formerly Manganese Ore (India) Limited,

POWER GRID - Power Grid Corporation, **NTPC** - National Thermal Power Corporation;

EIL - Engineers India Limited

List of Pending Utilization Certificates of the funds released to SPCBs

S. No.	Name of SPCB	Fund Released during FY	Fund Released in Lakhs		Total released in Lakhs
			Million-plus Cities	Critically Polluted Areas	
1.	Maharashtra	2013-14	110.00	165.00	275.00
2.	Gujarat	2013-14	-	165.00	165.00
3.	Odisha	2013-14	-	110.00	110.00
4.	West Bengal	2013-14	55.00	55.00	110.00
5.	Uttar Pradesh	2013-14	-	110.00	110.00
6.	Tamil Nadu	2013-14	-	110.00	110.00
7.	Rajasthan	2013-14	-	55.00	55.00
8.	Andhra Pradesh	2013-14	55.00	-	55.00
9.	Punjab	2013-14	55.00	110.00	165.00
10.	J & K	2013-14	55.00	-	55.00
Total			330.00	880.00	1210.00