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ADMINISTRATIVE APPROVAL

(2019-20)



Central Pollution Control Board,
Parivesh Bhawan, East Arjun Nagar,

Delhi-110 032

(May, 2019)

**CENTRAL POLLUTION CONTROL BOARD
PARIVESH BHAWAN
EAST ARJUN NAGAR
DELHI - 110 032**

No. VP/AAP/PCP/2019-20

Date: 27.05.19

ADMINISTRATIVE APPROVAL: BUDGET YEAR 2019-20

1. Budgetary Head of the Project : Budget Head of CPCB

2. Title of the Schemes with budget details :
 - I. Pollution Assessment (Survey & Monitoring)
 - II. Scientific, Technical Activities & R&D Activities
 - III. Industrial Pollution Control (Standards, enforcements & technologies)
 - IV. Training & Awareness
 - V. Information (Database) Management
 - VI. Waste Management & Urban Pollution Control

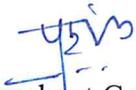
Budget details annexed as Annexure-I

3. Objective : Monitoring of environmental quality viz Air, Water & Noise for overall improvement in environmental quality to meet the norms through prevention and abatements of pollution to ensure healthy environment.

4. Project Coordinators : Details annexed in **Annexure-II**

5. Project Executing Agency : Central Pollution Control Board, HO & Regional Directorates

6. Duration of project : Financial Year 2019-20

7. Recommended by : Coordinator for individual Projects
8. Technically approved by : 
Dr. Prashant Gargava
(Member Secretary)

9. Approval

In exercise of the powers conferred under sub-rule (5) of Rule 7 of the Water (Prevention and Control of Pollution) Rules, 1975, I hereby accord administrative approval to the Projects to be executed at CPCB during the Financial Year 2019-20 for Sanctioned Budget of Rs. 100.00 Crore. The Sanctioned Budget of Rs 100.00 Crore is divided into three Sub Heads (Salary: Rs 61.00 Crore, Capital Asset: Rs 04.00 Core and General Head: Rs 35.00 Crore) and the expenditure on the projects specified in Table 6.1 to 6.27 for Head Office and 7.1 to 7.6 for Regional Directorates envisaged in the approved Annual Action Plan of CPCB for 2019-20 (Annexed as Annexure-III) will be met from sanctioned grant of the Central Board for the year 2019-20 and debited to the above Project Head. Addition of any new scheme and re-appropriation of budget from one scheme to another shall be done only after prior approval.



(S.P.S. PARIHAR)
Chairman

Copy to:

- (i) PCP Division
- (ii) Accounts Section
- (iii) P.S. to Member Secretary
- (iv) P.S. to CCB
- (v) Concerned officials



(S.P.S. PARIHAR)



ANNEXURE-I**Project Head-wise Budget Allocation for 2019-20:**

Budget Heads	Title of the Budget Head	Allocation (₹ in Lakh)		
		Head Office	Regional Directorate	Total
I	Pollution Assessment (Survey and Monitoring)	108.5	98	206.5
II	Scientific, Technical Activities and R&D Activities	966	476	1442
III	Industrial Pollution Control(standards, enforcements and technologies):			
	a) Standard Development ,	77		77
	b) Enforcement	5578	1882	7460
	c) Technology	22.5		22.5
IV	Training and Awareness:			
	a) Training Programmes	127	16.5	143.5
	b) PR, Mass Awareness Programmes & Hindi ,	93	10.5	103.5
	c) Library	26	6	32
V	Information (Database) Management	224	21	245
VI	Waste Management and Urban Pollution Control	248	20	268
	Total	7470	2530	10000

ANNEXURE-II

Activity Number	Budget Head	Name of the Division/Section	Project Coordinators
6.1	I- Pollution Assessment (Survey and Monitoring)	WQM-I (Water Quality Assessment and Monitoring)	Shri A.Sudhakar, Sc-'E'
6.2		WQM-II (Rejuvenation of Ganga)	Shri A.K. Vidyarthi, Sc-'E'
6.3		AQM (Air Quality Management)	Shri V.K. Shukla , Sc. E
6.4	II-Scientific, Technical Activities and R&D Activities	Air Laboratory	Shri Gurnam Singh, Sc-'E'
6.5		Trace Organic Laboratory	Shri. Sanjay Kumar, Sc-'D'
6.6		Water Laboratory	Shri. N.C.Durgapal, Sc-'E'
6.7		Instrumentation Laboratory	Shri Gurnam Singh, Sc-'E'
6.8		Biological Laboratory	Dr. Sanjeev Agarwal, Sc-'E'
6.9	III-Industrial Pollution Control (standards, enforcements and technologies)	IPC-I : Chemical industries	Shri Dinabandhu Gouda, Sc-'E'
6.10		IPC-II : Energy, Metallurgical	Shri Nazimuddin, Sc-'E' Dr. S.K. Palliwal, Sc-'D'
6.11		IPC-III: Agro Based	Shri. P.K. Mishra, Sc-'E'
6.12		IPC-IV: Animal Products	Shri Ajay Agarwal, Sc-'E'
6.13		IPC-V: SSI	Shri Ajay Agarwal, Sc-'E'
6.14		IPC-VI: Industrial Pollution Coordination	Shri P.K. Gupta, Sc-'E'
6.15		IPC-VII: Industrial Clusters and Enforcement	Shri P.K. Gupta, Sc-'E'
6.16		Law	Ms.Urmila Thakur (LO) Mr.Avnish Tripathi (LO)
6.17		Building	Shri Dinabandhu Gouda, Sc-'E'
6.18		Pollution Control Planning (PCP)	Shri V. P. Yadav, Sc-'E'
6.19	IV-Training and Awareness	Public Relation Section & Library	Shri Suneel Dave , Sc-'E' Shri G. Ganesh, Sc-'D' Ms. Anamika Sagar, Sc. D
6.20		ETU (Environmental Training Unit)	Shri Abhay Singh Soni, Sc.E
6.21		Hindi Cell	Shri Sheetal Prasad, AO (OL)
6.22	V-Information (Database) Management	Information Technology	Shri B.Vinod Babu, Sc-'E' Shri Aditya Sharma, Sc'D'
6.23	VI- Waste Management	UPC-I (Urban slaughter House, Noise assessment, DG sets, Railways & Air	Shri N.K.Gupta, Sc-'E'

	and Urban	Ports, Odour management)	
6.24	Pollution Control	UPC-II (Plastic Waste Management & Solid Waste Management)	Ms. Divya Sinha, Sc-'E'
6.25		WM-I (Waste Management- Remediation & Policies, Biomedical & battery)	Shri B.Vinod Babu, Sc-'E'
6.26		WM-II (Waste Management, authorization of recyclers & TSDF)	Shri Bharat K. Sharma, Sc-'E'
6.27		WM-III (Electronic Waste Management)	Shri Anand Kumar, Sc-'E'
Regional Directorates			
7.1	I-VI	Bangaluru	Shri S. Suresh, Sc-'E'
7.2	I-VI	Bhopal	Dr. P.K. Behra, Sc-'E'
7.3	I-IV	Kolkata	Shri. A. Chattopadhyay, Sc-'E'
7.4 & 7.4(a)	I-VI	Lucknow & Agra	Shri S.K. Gupta, Sc-'E' Shri Kamal Kumar, Sc-'D'
7.5	I-VI	Shillong	Shri. Z. Changsan, Sc-'E'
7.6	I-VI	Vadodara	Shri. B.R. Naidu, Sc-'F'

ANNUAL ACTION PLAN (2019-20)



Central Pollution Control Board,
Parivesh Bhawan, East Arjun Nagar,
Delhi-110032
(May, 2019)

1.0: Introduction

Central pollution Control Board (CPCB) constituted under the Water (Prevention and Control of Pollution) Acts, 1974 is a 100% Grant-in-aid organization of Ministry of Environment, Forests & Climate Change (MoEF&CC), Govt. of India. CPCB serves as a technical wing of MoEF&CC and co-ordinates with the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) for implementation of plans and programmes relating to abatement of pollution. Project and programmes are executed through in-house efforts and with the assistance of institutions like IITs, CSIR Labs, Engineering Colleges, Universities and other R&D Institutions. The functions of CPCB are mentioned below.

(a) Function of the Central Board at the National Level

- Advise the Central Government on any matter concerning prevention and control of water and air pollution and improvement of the quality of air;
- Plan and cause to be executed a nation-wide programme for the prevention, control or abatement of water and air pollution;
- Co-ordination of activities of the State Board and resolve disputes among them;
- Provide technical assistance and guidance to the State Boards, carry out and sponsor investigation and research relating to problems of water and air pollution, and for their prevention, control or abatement;
- Plan and organize training of persons engaged in programme on the prevention, control or abatement of water and air pollution;
- Organize through mass media, a comprehensive mass awareness programme on the prevention, control or abatement of water and air pollution;
- Collect, compile and publish technical and statistical data relating to water and air pollution and the measures devised for their effective prevention, control or abatement;
- Prepare manuals, codes and guidelines relating to treatment and disposal of sewage and trade effluents as well as for stack gas cleaning devices, stacks and ducts;
- Disseminate information in respect of matters relating to water and air pollution and their prevention and control;
- Lay down, modify or annual, in consultation with the State Governments concerned, the standards for stream or well, and lay down standards for the quality of air;
- Perform such other function as may be prescribed by the Government of India.

(b) Functions of the Central Board as State Boards for the Union Territories

Advise the Government of Union Territories with respect to the suitability of any premises or location for carrying on any industry which is likely to pollute a stream or well or cause air pollution; Lay down standards for treatment of sewage and trade effluents and for emission from automobiles, industrial plants, and any other polluting source; Evolve efficient methods for disposal of sewage and trade effluents on land; develop reliable and economically viable methods of treatment of sewage, trade effluent and air pollution control equipment; Identify any area or areas within Union Territories as air pollution control area or areas to be notified under the Air (Prevention and Control Pollution) Act, 1981; Assess the quality of ambient water and air, and inspect wastewater treatment installations, air pollution control equipment, industrial

plants or manufacturing process to evaluate their performance and to take steps for the prevention, control and abatement of air and water pollution. As per the policy decision of the Government of India, the CPCB has delegated its powers and functions under the Water (Prevention and Control of Pollution) Act, 1974, the Water (Prevention and Control of Pollution) Cess Act, 1977 and the Air (Prevention and Control of Pollution) Act, 1981 with respect to Union Territories to respective local administrations. CPCB along with its counterparts State Pollution Control Boards (SPCBs) are responsible for implementation of legislation relating to prevention and control of environmental pollution.

2.0: Reforms Measures and Policy Initiatives:

Central Pollution Control Board (CPCB) is focusing on strengthening of ambient air quality monitoring network for assessment of air quality at national, regional and local level. NAMP stations operated through State pollution control Boards need further strengthening to monitor all notified parameters for ambient air, besides emphasis is being given for establishment of Continuous Ambient Air Quality Monitoring Stations (CAAQM) in all major cities.

The manual water quality monitoring network is being expanded further, realizing the need for establishment of a network of real time water quality monitoring stations on river Ganga to ensure that water quality is monitored continuously to see the impacts due to the various initiatives taken

Efforts are being made for strengthening of the compliance mechanism, so that no untreated industrial effluent is discharged into the environment. Installation of online effluent and emission monitoring systems in 17 category of polluting industry and data connectivity with SPCB/CPCB is a step towards self-monitoring and transparency.

Efforts are being made for improving the performance of existing sewage treatment plants (STPs) and adopting non-conventional technologies that are in synergy with the conventional methods for improving the water quality in particular that of river Ganga and its tributaries.

Initiatives are being taken for water conservation in Industries through process modification and adoption of state of art technology. Zero liquid discharge concepts shall be applied wherever possible to conserve the water and protect the environment.

Challenges of Municipal Solid Waste Management and domestic sewage treatment would be given utmost attention.

3.0: Review of Past Performance

Targets and Achievements (2018-19)

Outcome of various activities of CPCB during financial year **2018-19** is briefed as below:

Assessment and Monitoring of Pollution

- Operation and maintenance of 731 manual Ambient Air Quality Monitoring Stations (AAQMS)
- CPCB has developed a network of real time data from CAAQM stations being operated by CPCB, SPCBs and PCCs. This data is provided to all stakeholders and published in public domain for taking corrective measures in time. CPCB network has expanded to total 167 stations located in 101 cities during 2018-19. CPCB is responsible for operation and maintenance of 15 continuous ambient air quality monitoring stations (CAAQMS).
- "Clean Air Campaign" was organized from November 01, 2018 to November 10, 2018 where in 52 joint teams including members from Ministry of Environment, Forest & Climate Change, Central Pollution Control Board and Government of Delhi and NCR States (Noida, Gurugram, Greater Noida, Faridabad and Ghaziabad) took on-spot ground actions to control air polluting activities.
- Operation of 3500 Water Quality Monitoring Stations (WQMS) at various aquatic resources.
- CPCB has installed Real Time Water Quality Monitoring Systems (RTWQMS) on river Ganga at 36 locations bringing the total number of RTWQMS to 44.
- A Water Quality Management Plan on River Hindon has been prepared based on assessment of water quality of the river and its tributaries. Quantification of municipal and industrial wastewater load reaching from the urban centres has been incorporated
- 70 National Ambient Noise Monitoring Network (NANMN) stations have been installed spreading over 10 cities.
- Draft Criteria for identification of polluted river locations has been prepared and circulated to stakeholders seeking comments
- Guideline for Environmentally Sound Facilities for handling, Processing and Recycling of End of Life Vehicles has been prepared in January, 2019.
- CPCB is dealing Court cases regarding environmental protection . The Court cases have increased manifold over the years and at present 55 cases are pending before the Hon'ble Supreme Court, 400 cases before the National Green Tribunal and 188 cases are pending before the Hogh Court. A portal has been established in CPCB for tracking of the Court cases.

Industrial Pollution Control

- During 2018-19, standards for 4 industrial sectors i.e. Airport Noise, Man-made Fibre (revision) Paint Industry and Thermal Power Plant (water consumption and stack height) have been notified.
- Further, draft notification for Paint, Brick Kiln (revision), Fermentation, Coffee Industry (revision) and Tannery Industry (revision) have been published during the year 2018-19.
- Standards for Pulp and Paper Industry (revision), Diesel Locomotives, Automobile Service Stations and Bus Depots, Iron and Steel Industry (revision) and Pharmaceutical Industry (revision and addition) have been presented before the Expert Committee of MoEF&CC and are under the process of finalization.
- CPCB carried out assessment and evaluation of CEPI in 100 PIAs and submitted the details to MoEF&CC for consideration and appropriate action.
- All SPCBs/PCCs/CETPs were directed for installation of Online Continuous Effluent Monitoring System (OCEMS) and for providing data connectivity to



SPCBs/PCCs/CPCB servers. Presently, 104 CETPs are connected with CPCB server.

- The Ecomark Steering Committee approved the Ecomark criteria for Coir & Coir Products and the same was notified vide Gazette Notification G.S.R. 893 (E), dated 18/9/2018.
- Out of 3527 targeted industries under 17 categories, 2786 industries have installed the Online Continuous Effluent / Emission Monitoring System (OCEMS) and connected with server.
- CPCB started a scheme of inspection of 17 categories of highly polluting industries based on computer generated SMS alerts due to violation of effluent and emission standards recorded in OCEMS. On monthly basis these SMS alerts are assessed sector wise and high SMS alerts generating industries are selected for further inspection to verify the compliance status. Further those industries which did not submit data in last 48 hours (off line mode) and whose data variation does not exceed more than $\pm 5\%$ are also selected for further inspection to verify the compliance status. Total 470 industries were inspected till December 2018 and 291 Directions were issued under Section 5 of EPA, 1986 and 1 Direction under Section 18(1)(b) under Air/Water to SPCB, for non-complying industries
- CPCB has inspected 200 STPs during F.Y. 2018-19 in Delhi NCR, Haryana, Punjab and NCR region of U.P.
- CPCB has inspected/ visited of C&D sites of about 150 in Delhi NCR in F.Y. 2018-19. CPCB issued 04 nos. of show cause notice and 28 nos. of direction.

Control of pollution in Ganga

- All the 961 Grossly Polluting Industries (GPIs) in the Ganga Basin have been inspected and action has been taken against non-complying unit. 799 GPIs have connected their OCEMS to CPCB Server.
- Adequacy assessment of all the Distillery and Sugar units has been carried out. Draft Charter for Sugar and Distillery have been prepared.

Waste Management:

- E-Waste (Management) amendment Rules, 2018 were notified vide G.S.R 261E dated March 22, 2018. In the amended rules there is provision for giving collection targets to producers those have recently started their business and their products have not reached "End of Life". In such cases collection targets will be calculated by Schedule III(A) of the amended rules, 2018. EPR Authorizations issued to 1169 (one thousand one hundred and sixty-nine) producers.
- Producer Responsible Organizations (PRO) Registration has been granted to 20 (twenty) PRO.
- 16 (sixteen) inspections were carried in Delhi NCR for compliance monitoring of EPR authorized producers.
- 04 (four) collection centers in Delhi NCR by CPCB and 12 (twelve) collection centers in Kerala by Kerala SPCB have been inspected.
- An advisory committee has been constituted for providing guidance on the matter related to management of E Waste.
- HS code for the entire schedule – I items has been provided to Custom Department.
- Prepared technical guidelines to help stakeholders in implementing the Bio-medical Waste Management Rules, 2016.
- During the year 2018-2019, CPCB has conducted inspection of 22 no. of Common Biomedical Waste Treatment Facilities (CBWTFs) and based on the



non-compliances, directions under section 5 of the Environment (Protection) Act, 1986 has been issued to 20 CBWTFs for ensuring compliance to BMWM Rules, 2016.

- As per the order of Hon'ble NGT, condition of Environmental Compensation Charges has been asked to be deposited by 14 nos. of non-complying CBWTFs.
- Prepared checklist for Performance Evaluation of Veterinary Hospitals. CPCB has conducted inspection of 84 nos. of Veterinary Hospitals for verification of compliance to the BMWM Rules, 2016.
- Rule 9 of the hazardous waste management rules lays down provision for utilization of hazardous waste as supplementary resource or for energy recovery. Such utilization can be authorized by SPCBs/PCCs for the wastes, for which Standard Operating Procedures (SOPs) or guidelines are prepared by CPCB after conducting trial studies. During 2018-19, CPCB has prepared 10 Standard Operating Procedures (SOPs) for utilization of 08 types of hazardous waste such as Spent Aluminum chloride, Spent Sulphuric acid, Spent Ammonium chloride, Spent liquid Glauber Salt, Spent Alkali Bromide, Spent ammonium carbonate, Aluminum dross rejects/residues, tarry residue as a resource, which otherwise would have been disposed in incinerator or secured landfill. The SOPs outline utilization process details, operational parameters, pollution control measures, environmental standards, checklist of minimal requisite facilities etc.
- Prepared 'Guidelines for Environmentally Sound Facilities for handling, Processing and Recycling of End of Life Vehicles' in January, 2019. These guidelines outline Collection & Handling of ELVs; Handling, storage and transportation of ELVs; Environmentally sound de-pollution of ELVs; Environmentally sound dismantling & segregation; Environmentally sound Shredding & separation and processing residues; Technologies for the ELV recycling process; Requirements for setting up of ELV recycling facility and Management of various wastes generated during depollution, dismantling and shredding of ELVs.
- Assessment of Economic viability of Co-processing of plastic waste in cement kilns and waste to energy plants.
- Evolved checklist for preparation of Action Plan for EPR for plastic waste management
- Evolved Online registration facility for Producers, Brand Owners and Importers to submit the Extended Producer Responsibility for collecting back the plastic waste generated by their packaging's.
- Guidelines for National Framework has been evolved for implementation of EPR Action Plan for plastic waste.
- Evolved Guidelines for recognition of Producer Responsibility Organization (PRO)/ Agency.
- Issuing Certificate to Manufacturers/Sellers for manufacturing, marketing & Selling of Compostable Carrybags/Products.
- Filing Execution Application in OA 247/2017 for non-compliance of Hon'ble NGT Judgement dated 20.07.2018.
- CPCB levied Environmental Compensation vide letter dated 16.01.2019 on East Delhi Municipal Corporation, South Delhi Municipal Corporation, North Delhi Municipal Corporation, New Delhi Municipal Council, Delhi Cantonment Board under section 31A of the Air (Prevention and Control of Pollution) act, 1981 for Solid Waste Management

- Under Clean Air campaign in Delhi and NCR) September 2018 – Feb, 2019), inspection was carried out with regard to open burning of garbage, industrial waste dumping, traffic congestion & construction activities & road sweeping etc.
- Amendments discussed in the Board meeting in respect of revising the Buffer Zone Guidelines for MSW landfill site
- In Compliance to Hon'ble NGT OA 606/2018, prepared draft Guidelines for disposal of Legacy waste (Old MSW). The draft has been submitted in the Hon'ble NGT.

Training, Mass Awareness and Environment Data Bank:

- Implementation of Raj-Bhasha (Hindi) in CPCB and organizing Hindi Diwas, Workshop and Training Programmes for CPCB officials.
- Published technical and scientific reports and mass awareness.
- Conducted national training programmes on various environmental pollution and prevention areas. During the year 2017-18, twenty-two training programmes were scheduled & organized by Environmental Training Unit (ETU) through reputed training/R&D/Professional institutes in various priority areas related to environment.
- CPCB participated in the exhibition at Kumbh Mela-2019 at Prayagraj during 14th January to 11th March, 2019
- CPCB organized certificate course on pollution monitors (air and water) under Green Skill Development Programmes (GSDP).
- Further under the 'Swachh Bharat Mission', CPCB in collaboration with National Productivity council under the guidance of MoEF&CC and MoHUA, Govt. of India, initiated a project for conducting Nationwide Capacity Building Program on implementation of Waste Management Rules, notified by the MoEF&CC in the year 2016 in 68 cities.

4.0 Proposed Budget for year 2019-20

Proposed Activities for 2019-20

- Strengthening of ambient air and water quality monitoring network.
- Establishing real time water quality monitoring stations on river Ganga and other major rivers to assess the water quality on real time basis.
- Expansion of continuous ambient air quality monitoring network to cover million plus cities and state capitals.
- Strengthening of the compliance mechanism, so that no untreated industrial effluent is discharged into the environment
- Improving the performance of existing sewage treatment plants (STPs) and adopting non-conventional technologies which is in synergy with the conventional methods for improving the water quality of river Ganga and its tributaries.
- Emphasis on Waste Management.
- Operation and maintenance of Laboratory and its management.

5.0 : Budget Allocation for 2019-20.

CPCB has been allocated total budget of Rs. 100 Crore in following Three Heads.

General	:	35.00 crore
Capital	:	04.00 crore
Salary	:	61.00 crore

5.1 : Project Head-wise Budget Allocation for 2019-20:

The allocation made against each Project Head is summarized as under:

Budget Heads	Title of the Budget Head	Allocation (₹ in Lakh)		
		Head Office	Regional Directorate	Total
I	Pollution Assessment (Survey and Monitoring)	108.5	98	206.5
II	Scientific, Technical Activities and R&D Activities	966	476	1442
III	Industrial Pollution Control(standards, enforcements and technologies):			
	a) Standard Development	77		77
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IV	Training and Awareness:			
	a) Training Programmes	127	16.5	143.5
	b) PR, Mass Awareness Programmes & Hindi ,	93	10.5	103.5
	c) Library	26	6	32
V	Information (Database) Management	224	21	245
VI	Waste Management and Urban Pollution Control	248	20	268
	Total	7470	2530	10000

5.2: Sub-Head-wise Break up of grant-in-aid (Plan Funds)				
Regional Directorate	General	Capital Assets	Salary	Total (Lakhs)
		(Lakhs)	(Lakhs)	
Bengaluru	115	15	385	515
Bhopal	173	12	210	395
Kolkata	119	12	385	516
Lucknow/Agra	250	15	310	575
Shillong	95	10	100	205
Vadodara	132	12	180	324
RD Total	884	76	1570	2530
Head Office				
WQM-I	44			44
WQM-II	-			-
AQM	64.5			64.5
Air Laboratory	498	6		504
Trace Organic Laboratory	47	147		194
Water and Waste Water Laboratory	52			52
Instrumentation Laboratory	40	80		120
Biological Laboratory	76	20		96
IPC-I	65			65
IPC-II	34			34
IPC-III	52.5			52.5
IPC-IV	17			17
IPC-V	43			43
IPC-VI	27			27
IPC-VII	23			23
Law (Law-I & II)	103			103
Building	585	70		655
PCP	128		4530	4658
ETU	127			127
PR& Hindi,	118	1		119
Information Technology	224			224
UPC-I	78			78
UPC-II	55			55
WM-I	45			45
WM-II	30			30
WM-III	40			40
Head Office Total	2616	324	4530	7470
Grand Total (RD+HO)	3500	400	6100	10000

6.0: PLANS & PROGRAMMES OF HEAD OFFICE 2019-20

6.1: Water Quality Management-I (WQM-I)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head-I		
1	State wise reimbursement of expenses under NWMP on receipt of data for all the locations as per frequency on receipt of data	Nil (To be Covered under MoEF&CC's CP Scheme) (Req.2322)
2	Estimation of expenses for manpower under NWMP	Nil (To be Covered under MoEF&CC's CP Scheme) (Req. 153)
3	Budget estimation for the newly sanctioned 522 locations	Nil (To be Covered under MoEF&CC's CP Scheme) (Req.372)
4	Preparation of Water Quality Trend Report	5
5	Guidelines on ground water usage	3
6	Action plan on Yamuna river in Delhi	2
7	Gap analysis of laboratories of SPCBs / PCCs	3
8	Office expenses under NWMP, including salary of project staff	20
9	Monitoring expenses including reimbursement expenses of TA/DA in WQM-I Division	11
	Grand Total	44

Shri A. Sudhakar, Sc. E
Coordinator


Signature

6.2: Water Quality Management-II (WQM-II)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
	Project Head-I	
1.	Rejuvenation of Ganga (Namami Ganga)	0 Funds to be provided from sanctioned project of Ministry of Water Resources

Shri A. K. Vidyarthi, Sc. E
Coordinator


Signature



6.3: Air Quality Management

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head I		
1	O & M cost under NAMP (Monitoring and analysis expenses to SPCB/ ; PCCs and other agencies: Rs. 2214 Lacs ; Project Staff: Rs.20.0 Lacs; Project Infrastructure: Rs. 10.0 Lacs)	20 (To be Covered under MoEF&CC's CP Scheme) (Req.2214)
2	Strengthening of Ambient Air Quality Monitoring Under NAMP Capital cost for 187 AAQM stations including PM2.5 monitoring at 100 stations(973 Lakhs); Project infrastructure and project staffs(7.0 Lakhs)	Nil (To be Covered under MoEF&CC's CP Scheme) (Req.980)
3	Initition of PM2.5 Monitoring existing station under NAMP	Nil (To be Covered under MoEF&CC's CP Scheme) (Req.710)
4	Development of city specific action Plans for non-attainment cities	2
5	Web Hosting and Maintenance of UrbAir India, GIS based decision support system software for Urban India AQM	27.5
6	Salary of Chairman of EPCA	15
Grand Total		64.5

Shri V.K. Shukla, Sc. E
Coordinator



Signature

Laboratories

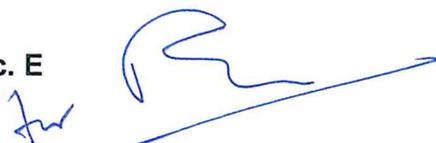
6.4: Air

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head II		
1	Laboratory Operation & Upgradations	
1.1	Procurement of chemicals , glassware etc.	14
1.2	AMC/CMC of laboratory equipment/ Instrument	14
1.3	All system operations (Laboratory & Field insurance of Man and Machines, calibration of equipment /instrument), QA/QC, procurement of spares etc.	18
1.4	Salary of Project staff	40
1.5	Computer with Software/LED Screen/ Printers	6 (SHCA)
2	NAMP & Meteorology	
2.1	Procurement of filter paper (particulate matter)	20



2.4	Conveyance, transportation, electricity bill etc	4
2.5	Furniture for field station	4
2.6	Upgradation/ repairing of NAMP/ITO Stations	12
3	CAAQMS	
3.1	Data under O&M contract for 12 No. CAAQM Stations(Delhi ,Lucknow, Chennai and Bengaluru) including previous years pending payments	290
3.2	Incidental charges of CAAQMS viz. Electricity, broadband, lease line ,insurance etc (16 CAAQMS and 1 central server site at CPCB)	65
3.3	O&M of DOAS System in Delhi	5
3.4	Coordination with SPCBs for setting up of CAAQMS, organizing meeting at CPCB HO and SPCBs/PCCS, TA/DA etc including Training & Performance Audit of CAAQMS	5
3.5	Calibration of Analysers / instruments	2
4	Surveillance Activity & Auditing	
4.1	Ambient ,Noise & source and vehicular monitoring	4
4.2	Auditing of Authorized Pollution checking centers in Delhi & NCR and Capacity building program	1
	Grand Total	504.00 (SHCA: 6)

Shri Gurnam Singh, Sc. E
Coordinator

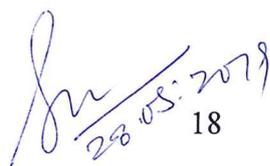


Signature

6.5: Trace Organic

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head-II		
1	1 Gas Chromatograph (GC) Procurement - procurement under process	30 (SHCA)
2	1 High Pressure Liquid Chromatograph	40 (SHCA)
3	1 Stack Sampling Kit used for sampling of Dioxin-Furan	50 (SHCA)
4	Proficiency Testing (PT) exercise participating by laboratories of H.O & RDs	20
5	purchase of Standards / solvents/ glassware / plastic-ware /lab-ware/ gas refilling	27 (SHCA)
6	AMC/CAMC of instruments/equipment; spare parts and hydrogen leak detectors	15
7	Salary of RA 1- 1; JRF - 1 & Attendant -	12
	Grand Total	194.00 (SHCA: 147)

Shri Sanjay Kumar, Sc. D
Coordinator



Signature



6.6: Water & Waste Water

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head-II - Scientific, Technical and R&D Activities		
1	Analysis of Water, waste water, soil & solid waste samples	35
2	laboratory strengthening / capacity enhancement	15
3	participation in proficiency testing exercise	2
Grand Total		52.00

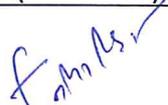
Shri N.C. Durgapal, Sc. E
Coordinator


Signature

6.7: Instrumentation

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head-II - Scientific, Technical and R&D Activities		
1	Trace Metal characterization of waste water and sludge generated from CETPs using Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-AES) (on going)	6
2	Annual Maintenance Contract of various Instruments, purchase of Spares, Refilling of gases, insurance of assets and lab staff, salary of project staff, telephone, travel etc.	24
3	Recognition of environmental laboratories under the E(P)A 1986 (ongoing)	2
4	Elemental Characterization of PM 2.5 at various locations of Agra (on going)	6
5	Analytical Quality Control Program	2
6	Purchase of (i) Atomic Absorption Spectrometer (ii) Water Purification System (iii) Mercury Analyser or ICPAES	80 (SHCA)
Grand Total		120.00 (SHCA:80)

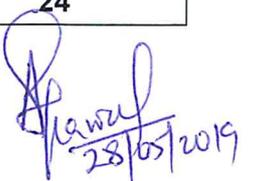
Shri Gurnam Singh, Sc. E
Coordinator


Signature

6.8: Biological

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
BIO-SCIENCE LABORATORY (BL)		
Project Head-II		
1	Assessment of water quality of River Ganga using	24




28/05/2019

	biological tools such as toxicity tests, microbiological testing and in-situ testing of benthic invertebrates(Manpower RA 2, DEO- 1,Attendant 2-17 Lakhs; Media, Glasswares, Chemicals, Test Organisms- 2.0 Lakhs; Sampling, Transportation, TA-DA etc- 3.5; Contingency - 1.5 lakhs	
2	Development/strengthening of biological analysis/testing including onsite training at Central/State/Regional level CPCB/SPCBs/PCCs) in the various water bodies in India (Procurement of biomonitoring kits and Stereo Zoom microscope and sampling kit- 53.5; Sampling/transportation/TA/DA : 5.5; Training material : 5.0; Contingency including logistics: 2)	55 (SHCA:20)
3	Analytical services to other Divisions etc. (Routine activity). (Procurement of media & chemicals: 2.6; Procurement of plastic wares/glassware's/field instruments: 1.5; ILC/PT Exercises: 0.6; Manpower(JRF 1): 4; Calibration of Instruments/Glassware's: 0.6; AMC of Instruments/ equipment: 0.7; Contingency: 0.5)	10
4	Evaluation of STPs in Delhi based on Load, Available Treatment Options and Performance efficiency (Project staff (3.5 lakhs); Media, Glassware's, Chemicals, Test Organisms - 1 Lakhs; Sampling, Transportation, TA/DA etc. - 0.50 lakhs; Contingency -0.5 Lakhs)	4 (To be coordinated with UPCD-I)
5	Development of Toxicity Characteristics Leaching Procedure (TCLP) in BTM labs to analyze solid & liquid waste samples from TSDF, MSW & Drains Samples (Procurement of Instrument : 25.50 lakhs; Glassware- 1.0 lakhs; Chemicals - 0.5 lakhs; Manpower- 4.0 lakhs; Contingency - 0.5 lakhs)	Nil (Not recommended for Biolab, to be coordinated with Water Lab)
6	Performance evaluation of effluent discharged from ETPs of Industries near bank of Rivers Ganga and Yamuna in terms of Toxicity, Microbiology, and Physico-chemical parameters (Test Organisms- 0.30 lakhs; Glassware, Chemicals- 1.50 lakhs; TA/DA- 0.65 lakhs; Miscellaneous expenditure- 0.55 lakhs)	3
7	Evaluation of STPs in Delhi based on Load, Available Treatment Options and Performance efficiency (Project staff (3.5 lakhs); Media, Glasswares, Chemicals, Test Organisms - 1 Lakhs; Sampling, Transportation, TA/DA etc. - 0.50 lakhs; Contingency -0.5 Lakhs) in coordination with Bio-Lab	Nil (Jointly with UPC-I)
	Grand Total	96.00 (SHCA : 20)

Dr. Sanjeev Agarwal, Sc. E
Coordinator


Signature 28/05/2019



Industrial Pollution Control

6.9: Industrial Pollution Control-I (IPC-I)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head-III (a) : Standard Development		
1	Preparation of COINDS & revision of standard on Chlor Alkali Industry	35
Project Head – III (b) Enforcement		
2	Implementation of Pollution control measures, enhancing pollution compliance status and enforcement mechanism, implementation of standards, ESS activities, Public Complaint investigation and Court matters, telephone, stationary, travel etc.	30
Grand Total		65.00

Shri Dinabandhu, Sc. E
Coordinator


Signature

6.10 Industrial Pollution Control-II (IPC-II)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head – III (a)		
1	Revision of PM standards for boilers	0.5
2	Development of SO2 standards for aluminum smelters	2
3	Review of coal beneficiation notification by Committee	2
4	Fly ash disposal guidelines	0.5
5	Pyro-metallurgical waste guidelines – I&S	2
6	Pyro-metallurgical waste guidelines – Cu, (Red mud (Al), and Jerosite (Zn) guidelines are being developed by WM-II)	2
Project Head – III (b)		
7	Implementation of standards, implementation of pollution control measures, enhancing pollution compliance status and improving enforcement mechanism, Public Complaint investigation and Court matters	25
Grand Total		34.00

Shri Nazimuddin, Sc. E
Coordinator


Signature

6.11: Industrial Pollution Control-III (IPC-III)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head-III (a) : Standard Development		
1	Development of Reference documents /COINDS in the textile sector in collaboration with UBA & GIZ as per joint declaration of intent signed by CPCB, UBA & GIZ	10
2	Revision of Bio-composting guidelines w.r.t utilization of MEE concentration in composting	3
3	Environment water management in Coffee Estates and preparation of guidance document for Coffee Estates	2
Project Head – III (b) Enforcement		
4	Implementation of Pollution control measures, enhancing pollution compliance status and enforcement mechanism, implementation of standards, surveillance activities, Public Complaint investigation and Court matters, salary of project staff, telephone, travel etc.	25
Project head – III (c) Technology		
5	Performance evaluation of zero liquid discharge (ZLD) RCF based Pulp & Paper Mills and preparation of guidance document (ongoing)	2.5
6	Performance evaluation of incineration boilers used for spent wash incineration in distilleries	10
	Grand Total	52.50

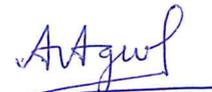
Shri P.K. Mishra, Sc. E
Coordinator


Signature

6.12 Industrial Pollution Control-IV (IPC-IV)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head – III (a)		
1	Revision of Standards of Dairy Industries	5
Project Head – III (b)		
2	Compliance of environmental standards in 17 category of highly polluting industries - Tannery (In-house) & Court Matters	1
3	Compliance of environmental standards slaughter house, diary industries & court Cases including salary	11
	Grand Total	17.00

Shri Ajay Agarwal, Sc. E
Coordinator


Signature



6.13: Industrial Pollution Control-V (IPC-V)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head-III (a) : Standard Development		
1	Development of Environmental Standards and Guidelines for Pickling Industries.	1
2	COIND for Beehive Coke Oven Industry	1
3	Guidelines for Ready Mix Concrete Plants	1
4	Revision of Guidelines for Poultry Farms	10
Project Head – III (b) Enforcement		
5	Enforcement of Environmental standards for SSI Sector like Glass industries, Potteries, Coal Gasification, Induction furnace, Foundry, Stone crusher, Brick Kiln, Hot Mix Plant, Hot Mix Plant, Paraboil Rice Mill, Automobile Service stations; NGT Inspection Tours and Report Preparation; including salary of project staff	20
Project head – III (c) Technology		
6	Operation and maintenance of existing infrastructure facilities, AMCs and Procurement PCs and office stationary	10
Grand Total		43.00

Shri Ajay Agarwal, Sc. E
Coordinator


Signature

6.14: Industrial Pollution Control-VI (IPC-VI)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head – III (b) Enforcement		
1	Co-ordination with SPCBs/PCCs for compliance status of 17 categories of industries, Red/Orange/Green category of industries, GPI, development of environmental standards and their implementation, Status of installation of OCEMS in 17 categories of industries, iv. Compliance status of industries inspected under SMS alert Scheme	27
Grand Total		27.00

Shri P.K. Gupta, Sc. E
Coordinator


Signature



6.15: Industrial Pollution Control-VII (IPC-VII)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head – III (b) Enforcement		
1	CEPI Monitoring in Polluted Industrial Areas (TA/DA; stationery, etc)	20
2	Compliance status monitoring of Common Effluent Treatment Plant (CETP) ((TA/DA; stationery, etc))	2
3	Criteria Development under Ecomark scheme	1
	Grand Total	23.00

Shri P.K. Gupta, Sc. E
Coordinator

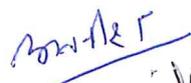

Signature

6.16: Law

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head – III (b) Enforcement		
1.	Follow up of Court matters payment of Advocate fee, salary of project staff, travel etc.	100
2.	Filing charges, Attestation Fees, Office stationery	3
	Grand Total	103

Mr. Avnish Tripathi, (LO)

Ms. Urmila Thakur, (LO)
Coordinator



Signature

6.17: Building

S. No	Name of Schemes	Allocations (₹ in Lakh)
Building Project {P-III (b) – Enforcement}		
1	Maintenance of Parivesh Bhawan Building including Air Quality Monitoring stations (a)AMC/CMC of Elevators, EPABX System, APFC panel, D.G. Set, Air Conditioner (Window & Split), ACVHS/VRF system (Air, Water, NRTOL and Instrumentation lab), Fume Hoods (Air, Water and Instrumentation lab.) Electrical sub-station, VCB, U.P.S, Water Purification System, Photocopier, Franking machine, General Pest Control, Fire Fighting & Alarm System etc(b)	375



	Outsourcing of Manpower for Housekeeping Building maintenance, Lawn etc., Security Services at Parivesh Bhawan and Air Quality Monitoring Stations. Payment of Electricity bills, Water bills, PRI Lines bills, Telephone/Mobile bills, Data Cards, MCD Tax and Ground Rent of Parivesh Bhawan, etc., Procurement of Cleaning Materials, Electrical, Stationary including 02 nos. computer System, Printer, UPS etc., salary of Adhoc project staff, Booking of Air and Train Tickets	
2	Upgradation of Fire Fighting & detection system (i)Upgradation of Fire Fighting system (jockey pump Diesel engine induction motors, Hydrants, Sprinkler System and electrical panel of Fire Fighting system).(ii) Procurement of fire safety materials (iii) Upgradation of existing EPABX System.,	20
3	Miscellaneous Civil works in Parivesh Bhawan- i) Renovation of Toilets (09 nos.), Canteen, Roof Treatment of CPCB building and car parking area.(ii) Renovation of IPC-II Hall/rooms (3rd floor), PR Div., Library, WM Division, Basement etc. in respect of Civil Electrical, Air Conditioning, Furniture/Fixture etc. (iii)Pota cabin toilets for Training Hall, (iv) Development of Fitness Center (v) Renovation of ps to CCB room	140 (SHCA : 40)
4	Miscellaneous Electrical works in Parivesh Bhawan. (i) Replacement of 02 Nos old 500 KVA transformer with Oil cooled Type 1000 KVA transformers. LT, Emergency panel, Floor electrical panels including electrical cabling, (ii) Centralized UPS system at each floor including re-organizing of all electrical, telephone, internet cabling at all floors including basement in cable trays, (iii) New Copper earthing for lighting arrestors (roof top of 5th floor) Electrical Substation, including AMC of earthing.(iv)Replacement of existing old 02 nos. water lifting pump, motors, water pipes including electrical panel etc, (v) Replacement of existing lighting system with energy efficient LED lights	60
5	Fuel, maintenances, insurances, road tax, hiring of vehicles & purchases of 02 nos. vehicle for monitoring purposes (ongoing) (against condemned vehicles).	60 (SHCA : 30)
6	Renovation of Toilets (09 Nos.), Canteen, Scooter and Car parking's, Roof top treatment of CPCB building, *Amount not included as released in FY-2018-19 to CCU, MOEF&CC	work already given to CCU
7	Construction of laboratory cum office Building at Bhopal estimated cost Rs. 660/- Lakh. MoEF&CC has released Rs. 200/-lakh & Rs. 460/- lakh yet to be released by MoEF&CC. However Rs. 299/- lakh has released to CCU, MoEF&CC (Rs. 99 lakh from CPCB + Rs. 200/- lakh from	work completed MoEF&CC to release the fund

	MoEF&CC) Separate proposal for balance Rs. 360 lakhs to be submitted to MoEF&CC	
	Grand Total	655.00 (SHCA: 70)

Shri Dinabandhu Gouda, Sc. E
Coordinator


Signature

Pollution Control Planning, PR Section & Library, Hindi

6.18: Pollution Control Planning (PCP)

Scheme No.	Name of Schemes	Allocations (₹in Lakh)
Project Head-III (b) Enforcement		
1	Office co-ordination (Parliamentary matters, infrastructure/ furniture, stationery and other expenditure including salary of RA/JRF/DEOs for administration, finance, legal, MS/CCB Sections, salary of project staff, travel etc.	100
2	Salary of CPCB Staff	4530
3	Implementation of Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013	1
4	Coordination with SPCBs, Organization of National level and Regional level Conference of Chairmen & Member Secretaries of SPCBs/PCCs	15
5	Board meetings including TA/DA of members	5
6	Redressal of Public Complaints/Right to Information Act/Staff salary, stationery and computer peripherals etc.	5
7	Research Advisory Monitoring Committee, R & D Activities (AS Section)	2
Scheme No.	Name of Schemes	Allocations (₹in Lakh)

Shri V.P. Yadav, Sc. E
Coordinator


Signature

6.19: PR Section and Library

Scheme No.	Name of Schemes	Allocations (₹in Lakh)
Project Head IV(b) : PR & Mass Awareness Programme		
1	Participation in Exhibition/ Workshops/Mass awareness activities at schools and colleges	15



2	Printing & Publication of CPCB technical reports (on-going).	30
3	Advertisements.	15
4	Up keep of conference halls, committee rooms, training hall and arrangements of meeting	7
5	Public grievances ; Purchase of scanner, paper and toner cartridge and salary of project staff	5
Project Head- IV (c) Library		
6	Procurement of technical & scientific books/e-books, newspapers and magazines, etc.	5
7	Subscription to e-journals	10
8	Library automation (to implement open source library automation software)	10
9	Binding of journals and worn out books	1
Grand Total		98.00

Shri Suneel Dave, Sc. E
Coordinator


Signature 28/05/2019

6.20: Environmental Training Unit (ETU)

S. No.	Name of Schemes	Allocation (₹ In Lakh)
Project Head – IV(a)		
1	National Training Programs	100
2	International Training/Seminar/Workshop/Study Tour/etc.	20
3	Office Equipment, stationary & consumables, salary (outsource staff), etc.	7
Grand Total		127.00

Shri Abhay Singh Soni, Sc. E
Coordinator

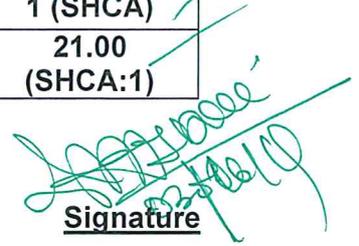

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6.21: Hindi Section

S. No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head- IV(b) PR, Mass Awareness Programmes & Hindi		
1	Hindi Workshops and Training Programme including purchase of office items and salary of project staff	15
2	Hindi Book writing/Noting-Drafting Incentive Scheme	0.75
3	Organizing function on Hindi Day, Head Office & Regional Directorates	2.25

4	Purchase of Hindi Books/Dictionary/Stationary	0.5
5	Inspection of ZOs reg. use of Hindi-TA/DA expenses etc.	1.5
6	Purchase of Computer, Printer, Fax machine & furniture	1 (SHCA)
	Grand Total:	21.00 (SHCA:1)

Shri Sheetal Prasad, AO
Coordinator


Signature

6.22: Information Technology

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head-V Information (Database) Management		
1	Real Time Data Management System (RTDMS& CCR)	
1.1	*CCR management software including SMS etc	15
1.2	RTDMS Management	10
1.3	Implementation of Empanelment of Inspection agencies Procurement of NIST certified standard gases, FTIR based portable analysers, manpower at RDs & HO (IT, Air lab, Water Lab), Creation of cells etc. Trainings etc.	20 (Procurement of analyzers transferred to Air Lab)
1.4	Data validation (Training, software tools and licenses)	10
1.5	Hiring of Data Scientist	12
1.6	Social Media Management	12
1.7	Salaries of all project staff(RA, JRF, OA, SA, Technician etc.)	45
1.8	Hazardous waste management tracking system (EC Fund)	0
2	Strengthening of Network & Website Management	
2.1	Network Management	60
2.2	Website Management	5
2.3	AMC of Computers/Printers/UPSs	15
2.4	ERP & other software development	20
2.5	Video wall (EC Fund 50 lakh)	0
	Grand Total:	224.00

Shri B. Vinod Babu, Sc. E
Coordinator


Signature

Urban Pollution Control (UPC)

6.23: Urban Pollution Control-I (UPC-I)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head-VI		
1	Expenditure towards field visits & conducting meetings (a) Standing Committee on Emissions from RIC Engines for Off-road applications (b) National Committee on Noise	3



	Pollution Control (c) Noise level Monitoring in and around wild-life sanctuaries/National Parks of India	
2	Implementation of construction and demolition management rules & Preparation of status report on C&D Waste management including salary of Project staff	10
3	Performance Evaluation of sewage treatment plants in Delhi &NCR (includes salary of 1 JRF, 1 SA and 1 attendant)	15
4	Operation and Maintenance of Existing 70 Noise Monitoring Stations	40
5	Status report of coastal cities (Assessment of sewage generation, status of treatment and impact on coastal water (includes salary of one JRF and one SA)	10
	Grand Total	78.00

Shri N.K. Gupta, Sc. E
Coordinator


Signature

6.24: Urban Pollution Control-II (UPC-II)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head-VI- Waste Management and Urban Pollution Control		
1	Implementation of SWM Rules, 2016, payment for project staff, TA/DA etc, stationary items, computer, photocopy,	15
2	Implementation of PWM Rule 2016, payment for testing, tour, visits. FTIR salary of project staff, stationary etc	15
3	Evaluation of SWM actin plan in the country	25
	Grand Total	55.00

Ms. Divya Sinha, Sc. E
Coordinator


Signature

Waste Management Division

6.25: Waste Management-I (WM-I)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head-VI- Waste Management and Urban Pollution Control		
1	Implementation of Remediation Projects	25
2	Implementation of Bio-medical Waste Management Rules	15
3	Implementation of Battery Waste Management Rules	5



	Grand Total	45.00
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Shri B. Vinod Babu, Sc. E
Coordinator


Signature

6.26: Waste Management-II (WM-II)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head-VI- Waste Management and Urban Pollution Control		
1	Inventory Preparation, inspection, follow-up of Directions, Development of Guidelines on issues related to HWM , Development of SOP for utilization of HW, Organization of training, workshop for stakeholders, court matters, salary of RA/SRF/JRF/OA/SA etc	15
2	Preparation of Guidelines on issues related to HOWM Rules, 2016	15
	Grand Total	30.00

Shri Bharat K. Sharma, Sc. E
Coordinator


28/5/2019
Signature

6.27: Waste Management –III (WM-III)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head-VI- Waste Management and Urban Pollution Control		
1	Implementation of E-Waste Management Rules (Visit, inspection, meeting, honorarium, workshop, training, Office stationary including salary of project staff)	40
	Grand Total	40.00

Shri Anand Kumar, Sc. E
Coordinator


28/05/19
Signature



7.0: PLANS & PROGRAMMES OF REGIONAL DIRECTORATES (2019-20)

7.1: Regional Directorate-Bengaluru

S. No	Name of the Project	Allocations (₹ in Lakh)
Project Head –I Pollution Assessment (Survey and Monitoring)		
1a.	Inspection of National Ambient Air Quality Stations (NAMP) in the southern states.	3
b	Preparation of Action plan for improvement of air quality in Chennai city in association with TNPCB.	
c	Tuticorin non-attainment city is chosen to ensure implementation of action plan	
d	Implementation of action plan in Kalburgi non-attainment city	
e	Inspection of National Water Quality Monitoring Programme (NWMP) in the southern states.	
f	River Karamana polluted river stretch falling in the category of priority-I is selected to ensure implementation of action plan.	
g	A study to augment the sewage treatment capacity by 5%.in Bengaluru	
h	Monitoring of inter-state water quality	
i	Propose to add additional four stations at following interstate rivers apart from existing seven stations	
Project Head – II. Scientific & Technical Activities and R & D		
2a	Operation & Maintenance of CAAQMS stations in Karnataka and Tamil Nadu. (Six stations)	40
b	Capacity building of CAAQM station at Bengaluru and Chennai	
c	Development of Infrastructure for the laboratories such as procurements, O&M, AMC / CMC of instruments / equipment's, fabrication of lab related items and implementation of calibration facilities (Ring Test Facility).	
d	Implementation and maintenance of the systems namely ISO 17025 – 2005 / 2017, ISO 18001 and recognition under EPA	
Project Head – III (b). Industrial Pollution Control (Standards, Technologies and Enforcement)		
3a	Payment of Salary, Rents, TTA, Medical Re-imburements, Children Education Allowance, LTC and other allowances	385
b	Building Maintenance, Telephone, Fax, Data card, EPABX, Housekeeping, Postal & Courier charges, Purchase of Stationery, Water & Electricity charges, Security Hiring, Maintenance of office vehicles, Local conveyance for official duties, Hospitality Arrangements, Payment of premium towards office Personnel insurance, Renovation of office	75

S. No	Name of the Project	Allocations (₹ in Lakh)
	space, Civil, Plumbing & Electrical Repairs, Replacement of CFL bulbs with LED bulbs, Salary for JRF's, & other staff recruited under outsource, Assistant-Legal, Drivers, project staff etc., Strengthening & Maintenance of CCTV & Biometric attendance system, Release of 10% deposit amount to CCTV, Augmenting the server capacity, Conducting exams for various posts as per H.O orders, Procurement of AC's, design, Associating with the common building complex of MOEF& CC etc.,	
c	Compliance Verification of Industries, Study of Co-incineration of wastes, Attending the Directions of Hon'ble NGT & Other courts cases and other legal issues, Review / implementation of action plan for critically / severely polluted areas under CEPI, Inspection of National Awards, Noise monitoring, Deepavali Monitoring, Review of Action plan for polluted river stretches and Non-attainment cities	
d	Co-ordination of Parliamentary Committee Visits and related activities, RTI, Redressal of Public/ VIP complaints, Reimbursement of Telephone / Mobile charges/data card, Purchase of Stationeries, E-governance, Monitoring allowance, Conducting monthly review meetings with SPCB's, OTA, Advocate charges etc	
e	Inventorization of salt generated from CETPs of Textile & Tannery sector and status of management of salt in the State of Tamil Nadu	
f	Assessment of technologies adopted for the treatment of effluent / solid waste generated from Primary Coffee Processing	
Project Head – IV(a) Training programmes		
4a	Capacity Building & Imparting training programme, Training to Administrative & Accounts staff, Deputing officials to premiere institutes and National hydrology project etc.	2
b	Organizing Training / Workshops on OCEMS, Waste management and NABL & OSHAS to SPCB's, Students internship etc.,	
Project Head – IV(b) PR, Mass Awareness Programmes & Hindi		
5a	Participating in Exhibitions / Workshops / Mass Awareness activities organized by NGO, SPCBs, and Indian Science Congress etc. Printing of pamphlets & booklets, Organizing Swachatha Pakhwada, Celebration / Observation of Environmental events such as Earth day, World Environment Day etc.	1
b	Promotion of Hindi Language and usage on the official work, Conducting Hindi Diwas, Procurement of Hindi books, Advertisements in Local and English news papers	

S. No	Name of the Project	Allocations (₹ in Lakh)
Project Head – IV(C) Library		
6	Development of library & infrastructure, procurement of books including scientific, technical, administrative, accounts, Hindi etc., News Papers, Magazines, journals, E-Subscription of Journals, peer reviewed papers and Periodicals, Swamy Rules books etc..	1
Project Head – V Information (Database) Management		
7	Computerization and Digitization of CPCB Activities, & E-Governance, Procurement of laptops, computers, scanners, printers & other related items, Operation, Maintenance and AMC of computers and its peripherals, purchase of cartridges, Local Area Networking (LAN), payment to BSNL for providing internet facilities etc., Installation/ Renewal of End point Security (Anti-virus facility), procurement of GPS cameras, strengthening of video conferencing facilities, Installation of Firewall, enhancement of leased line connection, O & M of server	5
Project Head – VI Waste Management and Urban Pollution Control (plastic waste, Hazardous Waste, Municipal Solid Waste, Bio-Medical Waste, E-Waste & Vehicular Pollution)		
8a	Inventory of Captive Hazardous Waste Landfills maintained by the individual industries and CETPs in Tamil Nadu & Karnataka.	3
b	Performance Assessment of Boom Tube Resonator (BTR) technology adopted for Leachate Treatment at Bengaluru, Karnataka	
c	Implementation of Quick Response (QR) code system mobile scanning application to monitor garbage collection in two towns/ villages in the region.	
d	Implementation of decentralized waste management system in three apartment complexes (with 100 dwellings in each complex) in Bengaluru.	
e	Implementation of Biomedical Waste Rules, 2016 in Veterinary Hospitals & Clinics in the state of Andhra Pradesh	
f	Verification of EPR Authorization issued by CPCB and E-Waste Processing / Dismantling facilities	
Grand Total		515.00 (Salary:385) SHCA:15

Shri S. Suresh, Sc. E
Coordinator

1521-21231
28/5/2019
Signature



7.2: Regional Directorate-Bhopal

Scheme No.	Schemes	Allocations (₹ in Lakh)
PROJECT – I : POLLUTION ASSESSMENT (SURVEY & MONITORING)		
1.	Surveillance of ambient Air Quality and Noise monitoring during Diwali Festival, Audit of NAMP and NWMP stations of non-attainment cities polluted river stretches and CEPI areas and monthly and quarterly meetings with SPCBs	7
PROJECT –II : SCIENTIFIC AND TECHNICAL ACTIVITIES AND R & D		
2(a)	shifting of office-cum-laboratory to new building premises	30
(b)	development of laboratory, partition and monitoring facilities including operation & maintenance of existing laboratory	20
(c)	payment towards rent, electricity, water & security and outsource	25
(d)	Environmental management plan of Ujjain city	5
(e)	Follow-up on implementation of BMWM rules in CHCs/PHCs in MP	3
(f)	Follow-up on Implementation of BMWM Rules in Chhattisgarh	3
(g)	emission management of lime kiln sites by designing and development of APCD in Rajasthan and MP	5
(h)	Environmental Management of crematorium of Bhopal city using cow dung wood as alternate fuel	4
PROJECT –III (B) : ENFORCEMENT		
3	Salary of Staff, Medical Reimbursement, Children Education Allowance etc.	210
4	Investigation of public/VIP complaints, follow-up the progress made under the Action plans finalized under NGT Orders, environmental monitoring inspections as per Court Orders, OCEMS /SMS etc, O&M of vehicles and salary of project staff	65
PROJECT –IV (A) : TRAINING PROGRAMMES		
5	Nomination of officers/staff for training/workshops for in-house training from experts of institutions, research lab etc	3
PROJECT –IV (B) : PR, MASS AWARENESS PROGRAMMES & HINDI		
6	Organizing mass awareness activities during World Environment Day and inauguration functions of new office building & others	5
PROJECT –IV (C) : LIBRARY		
7	Development of library, subscription of journals/publications and purchase of CDs/software etc	1
PROJECT –V : INFORMATION (DATABASE) MANAGEMENT		
8	Development of IT, computer and electronics required in training facility (Projector/PA systems etc) in office	5
PROJET-VI: WASTE MANAGEMENT & URBAN POLLUTION CONTROL		
9	Monitoring/Compliance/Data compilation of TSDFs/CBMWTFs/MSW/CETP/ Plastic Waste, E-waste, Biomedical waste/HW/C&D/ batteries in coordination with SPCBs	4
Grand Total:		395.00 (Salary:210)) SHCA: 12

Shri P.K. Behra, Sc. E
Coordinator

Signature

डॉ. पी. के. बेहेरा / Dr. P.K. BEHERA
क्षेत्रीय निदेशक / Regional Director
केन्द्रीय प्रदूषण नियंत्रण बोर्ड
Central Pollution Control Board
क्षेत्रीय निदेशालय, भोपाल (म.प्र.)
Regional Directorate, Bhopal (M.P.)

7.3: Regional Directorate-Kolkata

Sl. No.	Name of Schemes	Allocations (₹ in Lakh)
Project- I Pollution Assessment (Survey & Monitoring)		
1	Monitoring of GanguaNallah in Odisha under Polluted Stretch-I (New) to follow-up on action plan for restoration of water quality	3
2	Study of Vidhyadhari River Haroa Bridge to Malancha Burning Ghat – Priority I (BOD 26.7 – 45.0 mg/l) (New) to follow-up on action plan for restoration of water quality	3
3	Work pertaining Action Plan for Restoration of Air Quality in Non-attainment Cities of R.D Kolkata zone, i.e Patna & Kolkata	2
4	Studies on East Kolkata Wetland (Ramsar site)	3
5	Implementation of Wastes Management Rules in the State of Odisha, Jharkhand, West Bengal and Bihar. Specific follow-up on implementation of SWM Rules, 2016 in Howrah and rajarhat	2
6	To assess the impact of Transboundary pollutant from Bangladesh like Biogenic VOC, PM 10 & PM2.5 in the Blocks of Sundarbans Biosphere	3
7	Surveillance of Air and Water Quality Monitoring stations including AAQM in Kolkata including Diwali Monitoring	3
8	Environmental status of Andaman & Nicobar Islands	3
9	Interstate river monitoring in Eastern Zone	3
10	Measurement of POPs/PAHs in Critically Polluted Areas in Eastern region including Characterization of PM2.5 and PM10 in ambient air of Kolkata and Rural Area	5
11	Utilization of Slaughter House Waste in Agriculture & Floriculture	2
Project- II Scientific & Technical Activities and R &D Project Head		
11	Strengthening O & M of Laboratory, NABL, including salary of SRF/JRF Electricity, Telephone, Society Maintenance, Security, Rent, AMC, Insurance, Cleaning Service & others.	75
12	Procurement of Standard Chemicals, Glassware & Filter papers	10
Project -III(b) - Enforcement		
14	ESS and related activities like performance assessment of TSDF, CBMWTF, STP, CETP, including officers & staff salary and others	385
15	Running and maintenance of office vehicles for plan activities	10
Project - IV (a) Training Programme		
16	Expenses towards nomination and attending Training Program and Workshop	3
Project - IV (b) Mass Awareness & Hindi Diwas		
17	Mass Awareness Programme	1
Grand Total		516.00 (Salary:385) SHCA: 12

Shri A. Chattopadhyay, Sc. E
Coordinator

A. Chattopadhyay
Signature

C

7.4: Regional Directorate-Lucknow

S. No	Name of Schemes	Allocations (₹ in Lakh)
Project- I Pollution Assessment (Survey & Monitoring)		
1	Monitoring of Interstate rivers and inspection of NAMP and MINARS stations located in north zone	15
2	Capacity building for manpower engaged in NAMP & NWMP	1
3	Review of status of implementation of Action plan for 02 polluted river stretches (Varuna & Dehla) in UP & Uttarakhand	1
4	Review on status of implementation of Action plan for 03 non-attainment cities (Varanasi, Kashipur & Lucknow)	1
Project- II Scientific & Technical Activities and R &D Project Head		
5	Operation, Maintenance and Development of laboratory	100 (SHCA:15)
6	Visit of SPCB/PCC laboratory facilities for their strengthening	1
Project- III Industrial Pollution Control (Standards, enforcements and technologies)		
7	Salary of scientific and technical officers	310
8	Industries inspection by order of Hon'ble NGT, enforcement for compliance of Direction and related O&M Expenses	40
9	Assessment of OCEMS in Sugar and Pulp & Paper sectors w.r.t. calibration, technology and data consistency	1
10	Charter for tannery cluster, Jajmau, Kanpur	
Project - IV (a) Training Programme		
11	Training activities (Nomination and Sponsoring)	3
12	Training on OCEMS, CAAQMS & RTWQMS	1
Project - IV(c) Library		
13	Library development	2
Project - V Information (Database) Management		
14	Data base Management and IT Infrastructure	5
P-VI: Waste Management and Urban Pollution Control (Plastic Waste, Hazardous Waste, Municipal Waste, Biomedical waste, E-waste and vehicular pollution)		
15	Performance evaluation of STPs, MSW facilities, common facilities (CETP, TSDF, CBMWTFS) in north Zone	5
16	Follow-up on non-operational MSW processing facilities in Uttar Pradesh	1
	Grand Total	486.00 (Salary:310) SHCA:15

Shri S.K. Gupta, Sc. E
Coordinator

Signature

(स.क. गुप्ता)
क्षेत्रीय निदेशक
केन्द्रीय प्रदूषण नियन्त्रण बोर्ड
क्षेत्रीय कार्यालय, लखनऊ

7.4(a): Project Office Agra

Sr. No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head I- Pollution Assessment-(Survey & Monitoring)		
1	Operation and Maintenance of FPM2.5 sampler& SODAR, chemicals & Filter papers, accessories of monitoring	10
Project Head II- Scientific and Technical Activities and R & D		
2	Operation & Maintenance of laboratory, AAQMS ,monitoring instruments, Security (include salary of JRFs) etc.	50
Project Head III(b) –Enforcement		
3	Inspection & monitoring of MSW site, CETP, STP, CBMWTF, Implementations, Public complaints, Parliament questions, interraction/ meeting with local Govt. including wages of hired manpower and fellowship etc	25
Project Head IV(a)- Training Programmes		
4	Training	0.5
Project Head IV(b) PR, Mass Awareness Programme& Hindi		
5	Mass Awareness Activities & Implementation of Rajbhasha	0.5
Project Head IV(c) Library		
6	Development of Library, purchase of journals, Newspapers, Books, book racks etc	1
Project Head V – Information (Data base) Management		
7	Data Base Management at Agra Office	2
Grand Total		89.00

Shri Kamal Kumar, Sc. D
Coordinator

Signature

Kamal Kumar
25/5/19

कमल कुमार
Kamal Kumar
अधिकारी – घ एवं प्रशासकीय
ऑफिस – D & Incharge
प्रदूषण नियंत्रण बोर्ड, अग्रा
Pollution Control Board, Agra

Kamal Kumar

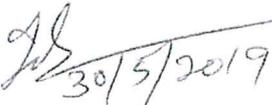
7.5: Regional Directorate-Shillong

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head I- Pollution Assessment-(Survey & Monitoring)		
1	Co-ordination with State Boards (including visit) regarding strengthening and Implementation of various Rules/Regulations; Surveillance of NAMP, CAAQMS and NWMP, Water Quality assessment in major International/ Interstate boundary rivers, polluting river stretches and lakes in the NE region, surveillance of industries on compliance of Pollution Control Norms	5
2	Study of SO ₂ emission level in Cement industry using limestone with high Pyritic Sulphur percent/content and prepare report and recommendation for consideration of relevant emission level	1
3	Assessment of Air, Water and Soil pollution in selected coal mining areas in Meghalaya including setting of model area of management of Water and degraded land	1
4	Assessment and monitoring of river rejuvenation activity in NE states to give report / recommendation to bring down the pollution levels (BOD, FC etc) within the permissible level as per time frame of prepared action plan and monitoring of interstate boundary rivers	1
5	Assessment and monitoring of NCAP (Non-attainment cities) in Assam, Meghalaya and Nagaland to bring down the pollution level (PM ₁₀) within the permissible limit as per the time frame of prepared action plan	1
6	Monitoring and impact assessment on water quality due to unscientific mining of sand in the catchment area of Umtynagar river	1
Project Head – II Scientific and Technical activities and R&D		
7	Strengthening and Development of Laboratory including rent for Lab Building and new Furniture for Laboratory	30
8	Operation and Maintenance of Laboratory including Salary of project staff, Samplers, Security Personnel and Sweeper Cum Cleaner	35
Project Head- III (b) – Pollution Control Enforcement		
9	(i) Salary of Technical & Scientific Staffs	100
	(ii) ESS Activities and O & M Expenses	10
10	Running and maintenance of monitoring vehicle and hiring of monitoring vehicles on need/monthly basis	6
Project Head - IV(a)- Training		
11	Nomination for Training/Workshop	1
12	Organization, training and interactive meeting	1
Project Head - IV (b) PR, Mass Awareness Programme		
13	Development of library (Purchase of Books, Periodicals etc)	1

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Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head - IV (C)		
14	Development of library (Purchase of Books, Periodicals etc)	1
Project Head V – Information (Data base) Management		
15	Database Management (including purchase of PCs, Computers peripherals and consumables	3
Project Head-VI Waste Management & Urban Pollution Control (Plastic Waste, Hazardous Waste, Municipal Solid Waste, Bio-Medical Waste, E-Waste And Vehicular Pollution)		
16	Follow-up with ULBs for effective management of wastes in North Eastern States including channelizing of wastes to recyclers , utilization of wastes, and disposal	1
17	Setting up of model area for demonstration of source segregation, door-to-door collection and disposal of MSW in Aizawl, Mizoram and Shillong to be carried out jointly with SPCB	4
18	Monitoring and Assessment of ETP, CETP , STP and Sewage management in towns and catchment areas of polluted river stretches including utilization of treated water	0.5
19	Development of cost-effective alternate techniques of management of low volume liquid bio-medical waste for demonstration/guidance to HCFs	1
20	Demonstrations of source segregation, collection and disposal of BMW in Model Hospitals at Imphal, Aizwal and Shillong	0.5
	Grand Total	205.00 (Salary:100) SHCA: 10

Shri Z. Changsan, Sc. E
Coordinator


30/5/2019
Signature



7.6: Regional Directorate-Vadodara

S.No.	Name of Schemes	Allocations (₹ in Lakh)
Project-I : Pollution Assessment (Survey & Monitoring)		
1	Surveillance of Water Quality and Ambient Air Quality Monitoring Stations in Gujarat and Maharashtra, Inter State River quality monitoring in Gujarat and Maharashtra, Monitoring of CETPs &STPs in Gujarat and Maharashtra	12
a	To demonstrate exceptional improvement in grossly non-compliant CETP of Taloja in Maharashtra	6
Project Head – II Scientific and Technical activities and R&D		
2	Strengthening, Operation and Maintenance of Laboratory including AMC of instruments and Running & Maintenance of Vehicles etc.	40
Project Head- III (b) – Pollution Control Enforcement		
3	Salaries of Regular Staff	180
4	Enforcement visit as per NGT Directions (ESS Programmes and Public Complaints)	45
4(a)	Status as well as improvement in wastewater management at newly developing industrial Area including SEZ & Petrochemical Investment Region (PCIR) near Dahej, coastal area, in Gujarat.	5
5	Maintenance of "Parivesh Bhawan" (Office –Cum Lab.)	30
Project Head – IV (a) 08: Training Programmes		
6	Registration fees and TA/DA for attending the training Programmes	2
Project Head- IV (b) PR, Mass Awareness Programmes & Hindi		
7	Conducting Mass Awareness Programmes	2
7(a)	Establishment of model Waste Segregation practice in schools & hostels.	
Project Head- IV (c) Library		
8	Development of Library	1
Project Head-V (Information (Database) Management)		
9	Data base management & IT Infrastructure	1
	Grand Total	324.00 (Salary: 180) SHCA:12

Shri B.R. Naidu, Sc. 
Coordinator


Signature

