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9/11/17

# ADMINISTRATIVE APPROVAL

(2017-18)



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

Delhi-110 032

(April, 2017)

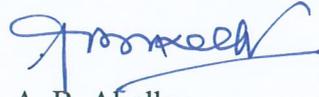
**CENTRAL POLLUTION CONTROL BOARD  
PARIVESH BHAWAN  
EAST ARJUN NAGAR  
DELHI - 110 032**

No. VP/AAP/PCP/2017-18

Date: 18-04-2017

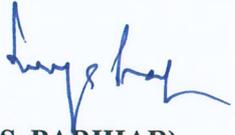
**ADMINISTRATIVE APPROVAL: BUDGET YEAR 2017-18**

- |    |  |   |   |
|----|--|---|---|
| 1. | Budgetary Head of the Project            | : | Budget Head of CPCB   |
| 2. | Title of the Schemes with budget details | : | I. Pollution Assessment (Survey & Monitoring)<br>II. Scientific, Technical Activities & R&D Activities<br>III. Industrial Pollution Control (Standards, enforcements & technologies)<br>IV. Training & Awareness<br>V. Information (Database) Management<br>VI. Waste Management & Urban Pollution Control<br><br><b>Budget details annexed as Annexure-I</b> |
| 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 <b>Annexure-II</b>   |
| 5. | Project Executing Agency                 | : | Central Pollution Control Board, HO & Regional Directorates   |
| 6. | Duration of project                      | : | Financial Year 2017-18  |

- 3
7. Recommended by : Coordinator for individual Projects
8. Technically approved by :   
Dr. A. B. Akolkar  
(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 2017-18 for Sanctioned Budget of Rs. 74.30 Crore. The Sanctioned Budget of Rs 74.30 Crore is divided into three Sub Heads (Salary: Rs 45.30 Crore, Capital Asset: Rs 04.00 Core and General Head: Rs 25.00 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 2017-18 (Annexed as Annexure-III) will be met from sanctioned grant of the Central Board for the year 2017-18 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) Director, PCP Division
- (ii) Accounts Section
- (iii) P.S. to Member Secretary
- (iv) P.S. to CCB
- (v) Concerned officials

  
(S.P.S. PARIHAR)  
Chairman

ANNEXURE-I

## Project Head-wise Budget Allocation for 2017-18:

Budget Heads	Title of the Budget Head	Allocation (₹ in Lakh)		
		Head Office	Regional Directorate	Total
I	Pollution Assessment (Survey and Monitoring)	430.50	51.00	481.5
II	Scientific, Technical Activities and R&D Activities	574.00	280.25	854.25
III	<b>Industrial Pollution Control(standards, enforcements and technologies):</b>			
	a) Standard Development ,	53.00	0	53.00
	b) Enforcement	4176	1244	5420.00
	c) Technology	-	30.00	30.00
				5503.00
IV	<b>Training and Awareness:</b>			
	a) Training Programmes	110.00	16.00	126.00
	b) PR, Mass Awareness Programmes & Hindi ,	62.00	4.50	66.50
	c) Library	10.00	3.75	13.75
V	Information (Database) Management	195.00	17.00	212.00
VI	Waste Management and Urban Pollution Control (Plastic Waste, Hazardous Waste, Municipal Solid Waste, Bio-medical waste, E-waste & Vehicular Pollution)	153.00	20.00	173.00
	<b>Total</b>	<b>5763.50</b>	<b>1666.50</b>	<b>7430.00</b>

*Pankaj Kumar*

**ANNEXURE-II**

Activity Number	Budget Head	Name of the Division/Section	Project Coordinators
6.1	I- Pollution Assessment	WQM-I (Water Quality Assessment and Monitoring)	Shri R. M. Bhardwaj, Sc-'E'
6.2	(Survey and	WQM-II (Rejuvenation of Ganga)	Shri A.K. Vidyarthi, Sc-'E'
6.3	Monitoring)	AQM (Air Quality Management)	Dr. Prasanta Gargava, Sc-'E'
6.4	II-Scientific,	Air Quality – I (Ambient and Source)	Dr. Dipankar Saha, Sc-'E'
6.5	Technical	Air Quality – II (Air Toxic)	Dr. S. K. Tyagi, Sc-'E'
6.6	Activities and	Trace Organic	Dr. C.S. Sharma, Sc-'E'
6.7	R&D Activities	Water and Waste Water	Dr. P.K. Behera. Sc-'D'
6.8		Instrumentation	Shri. B.K. Jakhmola, Sc-'E'
6.9		Biological	Dr. Sanjeev Agarwal, Sc-'E'
6.10	III-Industrial Pollution	IPC-I : Chemical industries	Shri Gurnam Singh, Sc-'E' Shri Dinabandhu Gouda, Sc-'E'
6.11	Control(stand	IPC-II : Energy, Metallurgical	Shri N.K. Gupta, Sc-'E' Dr. S.K. Palliwal, Sc-'D'
6.12	ards,	IPC-III: Agro Based	Dr. S. Madhusudan, Sc-'E'
6.13	enforcements	IPC-IV: Animal Products	Shri Nazimuddin, Sc-'E'
6.14	and	IPC-V: SSI	Shri Abhey Singh Soni, Sc-'E'
6.15	technologies)	IPC-VI: Industrial Pollution	Shri P.K. Gupta, Sc-'E'
6.16		Coordination	
6.16		IPC-VII: Industrial Clusters and	Shri Ajaya Agarwal, Sc-'E' Shri A.K. Sinha, Sc-'E'
6.17		Enforcement	
6.17		Law (Law-I & II)	Shri S. Sudhakar, Sc-'E' Shri Gurnam Singh, Sc-'E'
6.18		Building	Dr. Dipankar Saha, Sc-'E'
6.19		Quick Response Team (QRT)	Shri Sunil Dave, Sc-'E' Shri S.K. Arora, Sc-'E'
6.20 (A)		Pollution Control Planning (PCP)	Shri J.S. Kamyotra, Sc-'F' Shri Paritosh Kumar, Sc-'E' Shri V. P. Yadav, Sc-'E' Ms Divya Sinha, Sc-'E'
6.20 (B)	IV-Training	ETU (environmental Training Unit)	Dr. S. K. Tyagi, Sc-'E'
6.20 (C)	and	Public Relation Section & Library	Shri Shriance Jain, Sc-'E' Shri G. Ganesh, Sc-'D'
6.20 (D)	Awareness	Hindi Cell	Shri Sheetal Prasad, AO (OL)

*Prasanta K...*

6.21	V-Information (Database) Management	Information Technology	Shri S. Sudhakar, Sc-'E'
6.22	VI- Waste Management and Urban Pollution Control	UPC-I (Urban slaughter House, Noise assessment, DG sets, Railways & Air Ports, odour management)	Ms. Mita Sharma, Sc-'E'
6.23		UPC-II (MSW, C&D activities, Sewage Management other than Ganga)	Shri Mantu Chaudhury, Sc-'E'
6.24		UPC-III (Plastic Waste Management)	Dr. S. K. Nigam, Sc-'E'
6.25		WM-I (Waste Management-Remediation & Policies, ship breaking, Biomedical & battery)	Shri Vinod Babu, Sc-'E'
6.26		WM-II (Waste Management-waste to energy, authorization of recyclers & TSDF)	Shri Bharat K. Sharma, Sc-'E'
6.27		WM-III (Electronic Waste Management)	Shri Anand Kumar, Sc-'E'
		<b>Regional Directorates</b>	
7.1	I-VI	Bangalore	Shri S. Suresh, Sc-'E'
7.2	I-VI	Bhopal	Shri P. Jagan, Sc-'D'
7.3	I-IV	Kolkata	Shri R. C. Saxena, Sc-'E'
7.4	I-VI	Lucknow & Agra	Shri P.K. Mishra, Sc-'E' Shri V.K. Shukla, Sc-'D'
7.5	I-VI	Shillong	Shri. Z. Changsan, Sc-'E'
7.6	I-VI	Vadodara	Shri. B.R.Naidu, Sc-'E'

*Pawan Kaur*

# ANNUAL ACTION PLAN

**(2017-18)**



Central Pollution Control Board,  
Parivesh Bhawan, East Arjun Nagar,  
Delhi-110032  
**(April, 2017)**

## **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 of the Ministry of Environment and Forests (MoEF), Govt. of India. CPCB serves as a technical wing of MoEF and Co-ordination 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 Research institutions like IITs, CSIR Labs, Engineering College, Universities and 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 the 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.

*Pantabheer*

## **(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 needs 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 the water quality is maintained.

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 in polluting industry and data connectivity with SPCB/CPCB is a step towards self-monitoring and transparency.

*Punjab*

Efforts are 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 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.

Problem of Municipal Solid Waste and domestic sewage would be given utmost attention.

### **3.0: Review of Past Performance**

#### **Targets and Achievements (2016-17)**

Outcome of various activities of CPCB during financial year 2016-17 is briefed as below:

#### **Assessment of Pollution**

- Operation and maintenance of 680 manual Ambient Air Quality Monitoring Stations (AAQMS)
- Operation and maintenance of 16 continuous ambient air quality monitoring stations(CAAQMS)
- 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 stake holders and being published in public domain for taking corrective measures in time. In the beginning of the year 2016, CPCB network has data connected from 40 stations in 22 cities spread in 11 states, has been expanded to total 54 stations located in 33 cities of 12 states.
- Operation of 2500 Water Quality Monitoring Stations (WQMS) at various aquatic resources. Time series data of water quality was analysed and identified the issue of sewage disposal in 302 river polluted stretches.
- 70 National Ambient Noise Monitoring Network (NANMN) stations have been installed spreading over 10 cities and data is being disseminated.

#### **Industrial Pollution Control**

- During the year 3 standards (emission and effluents standards of various industries) have been notified by MoEF&CC and 11 developed standards referred to ministry for notification.
- Comprehensive Environmental Pollution Index criteria (CEPI) has been revised based on detailed in-house discussions followed by consultation with SPCBs/PCCs and other concerned departments The revised version of CEPI eliminates the subjective issues and more emphasis has been given on field-based monitoring

*Pawan Kaur*

which includes air, water and land / sub-surface water. Field-based measurements are based on critical pollutants / parameters applicable to the given area. Revised concept of CEPI has been circulated to SPCBs / Govt. Institutions and uploaded on website of CPCB. Comments / views received have been considered and incorporated in the Final Draft Document and finalised.

- Action Plans with progress reports of 42 critically polluted areas have been prepared and compiled and placed on CPCB website.
- CPCB has finalized the criteria for classifying industries into Red, Orange, Green and White category. SPCB has been asked to adopt uniform criteria for grant of consent. The classification is based on pollution potential and this classification will also bring uniformity in issuance of consent. Classification of industries may also be linked for inspections

### **Control of pollution in Ganga**

- CPCB has prepared segmental action plan for restoration of water quality of River Ganga which is based on dividing the entire River Ganga into 4 segments and for each segment, action points have been evolved for implementation. The main concern is pollution due to disposal of sewage and control of industrial pollution. CPCB has issued directions to all towns (118) which are along the Ganga for getting the action plans prepared for implementation for management of sewage and municipal solid waste.
- Inventory of grossly polluting industries have been prepared and Compliance verification to the existing standards for all the industries including MSMEs being undertaken as well as continuing with the action plan for water conservation being implemented for 5 sectors (Sugar, Textiles, Distilleries, Pulp & Paper and Tanneries).

### **Waste Management:**

- Effort for Implementation of Co-processing of incinerable hazardous and non-hazardous waste in cement kilns has been made. CPCB granted permission to 47 cement plants for co-processing of hazardous wastes in cement kiln. Eighty eight (88) types of hazardous waste such as spent organic solvent, paint sludge, spent carbon, ETP sludge are being co-processed
- Disposal of UCIL hazardous waste (Bhopal),
- E-waste management and its environmental impact and the preparation of detailed report and expeditious implementation.

*Parveen Kher*

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## **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.

## **4.0 Proposed Budget for year 2017-18**

### **Proposed Activities for 2017-18**

- 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 that 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.

### **Priority Areas**

#### **Management of**

- Solid waste
- Air Quality
- Water Quality
- Domestic Waste Water

#### **Online monitoring of**

- Monitoring of ambient air quality on real time basis in CEPI areas and million plus cities and state capitals
- Monitoring water quality of river Ganga on real time basis
- Online monitoring of emission and effluent quality in 17 category of highly polluting industries and GPI discharging into river Ganga and its tributaries.

#### **Inspection of industries**

- Discharging in river Ganga or its tributaries
- Based on NGT Directions

*Prem Kumar*

## 5.0 : Budget Allocation for 2017-18

### 5.1 : Project Head-wise Budget Allocation for 2017-18:

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) Division covered AQM, WQM-I and WQM-II	227.50	63.00	290.50
II	Scientific, Technical Activities and R&D Activities Division covered Air Quality-I, Air quality – II, trace Organic, water and waste water, instrumentation, biological	574.00	318.00	892.00
III	Industrial Pollution Control(standards, enforcements and technologies): Division covered IPC-I, IPC-II, IPC-III, IPC-IV, IPC-V, IPC-VI, IPC-VII, building, Law-I & II, Quick response team			
	d) Standard Development ,	45.00	0	45.00
	e) Enforcement	4157.00	1455	5612.00
	f) Technology	1.00	0	1.00
IV	Training and Awareness: Division Covered Pollution Control Planning, Public Relation and Grievances, ETU			
	d) Training Programmes	110.00	22.00	204
	e) PR, Mass Awareness Programmes & Hindi ,	62.00		
	f) Library	10.00		
V	Information (Database) Management Division Covered Information technology,	195.00	16.50	211.50
VI	Waste Management and Urban Pollution Control (Plastic Waste, Hazardous Waste, Municipal Solid Waste, Bio-medical waste, E-waste & Vehicular Pollution) Division Covered WM-I, WM-II, WM-III, UPC-I, UPC-II, UPC-III,	153.00	21.00	174.00
	<b>Total</b>	<b>5534.5</b>	<b>1895.5</b>	<b>7430.00</b>

*Pavna K...*

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**5.2 : Division-Wise & Regional Directorate-Wise Budget Allocation for 2017-18:  
Part-A: HEAD OFFICE**

Name of the Division/Section	Allocation (₹ in Lakh)
<b>Pollution Assessment Survey &amp; Monitoring</b>	
WQM-I (Water Quality Assessment and Monitoring)	77.00
WQM-II	
AQM (Air Quality Management)	70.50
<b>Scientific Technical Activities, Laboratory Management &amp; R &amp; D</b>	
Air Quality – I (Ambient and Source)	294.00
Air Quality – II (Air Toxic)	15.00
Trace Organic	52.00
Water and Waste Water	30.00
Instrumentation	23.00
Biological	20.00
<b>Industrial Pollution Control (Standards Informants and Technologies)</b>	
IPC-I : Chemical industries	40.00
IPC-II : Energy, Metallurgical	25.00
IPC-III: Agro Based	20.00
IPC-IV: Animal Products	20.00
IPC-V: SSI	25.00
IPC-VI: Industrial Pollution Coordination	10.00
IPC-VII: Industrial Clusters and Enforcement	23.00
Law (Law-I & II)	10.00
Building	430.00
Quick Response Team (QRT)	5.00
Pollution Control Planning (PCP)	106.00
<b>Training and Awareness</b>	
ETU	110.00
Public Relation Section & Hindi, Library	72.00
<b>Information (Database) Management</b>	
Information Technology	195.00
<b>Waste Management and Urban Pollution Control (Plastic Waste, Hazardous Waste, Municipal Solid Waste, Bio-medical waste, E-waste &amp; Vehicular Pollution)</b>	
UPC-I (Urban Pollution Control)	68.00
UPC-II (Urban Pollution Control)	20.00

*Pavna Kaur*

UPC-III (Urban Pollution Control)	20.00
WM-I (Waste Management)	15.00
WM-II (Waste Management)	15.00
WM-III (Waste Management)	15.00
<b>TOTAL (A)</b>	<b>1825.50</b>
<b>Part-B: Regional Directorates</b>	
<b>Name of the Regional Directorate</b>	<b>Allocation (₹ in Lakh) excluding Salary</b>
Bangalore	109.00
Bhopal	56.00
Kolkata	105.00
Lucknow & Agra	253.00
Shillong	51.50
Vadodara	100.00
<b>TOTAL (B)</b>	<b>674.50</b>

**Grand Total (1825.50+674.50) = 2500 (in lakhs)**

*Pooja Kher*

**5.3: Sub-Head-wise Break up of grant-in-aid (Plan Funds)**

Regional Directorate	General	Capital Assets (Lakhs)	Salary (Lakhs)	Total (Lakhs)
Bengaluru	109.00	20.00	260.00	389.00
Bhopal	56.00	20.00	150.00	226.00
Kolkata	105.00	10.00	250.00	365.00
Lucknow/Agra	253.00	20.00	230.00	503.00
Shillong	51.50	10.00	65.00	126.50
Vadodara	100.00	28.00	158.00	286.00
<b>RD Total</b>	<b>674.50</b>	<b>108.00</b>	<b>1113.00</b>	<b>1895.50</b>
<b>Head Office</b>				
WQM-I	77.00	40.00	-	117.00
WQM-II	-	-	-	-
AQM	70.50	40.00	-	110.50
Air Quality – I	294.00	100.00	-	394.00
Air Quality – II	15.00	10.00	-	25.00
Trace Organic	52.00	30.00	-	82.00
Water and Waste Water	30.00	-	-	30.00
Instrumentation	23.00	-	-	23.00
Biological	20.00	-	-	20.00
IPC-I	40.00	-	-	40.00
IPC-II	25.00	-	-	25.00
IPC-III	20.00	-	-	20.00
IPC-IV	20.00	-	-	20.00
IPC-V	25.00	-	-	25.00
IPC-VI	10.00	-	-	10.00
IPC-VII	23.00	-	-	23.00
Law (Law-I & II)	10.00	-	-	10.00
Building	430.00	50.00	-	480.00
QRT	5.00	-	-	5.00
PCP	106.00	22.00	3417.00	3545.00
Training and Awareness & ETU	110.00	-	-	110.00
PR & Hindi, library and Grievances	72.00	-	-	72.00
Information Technology	195.00	-	-	195.00
UPC-I	68.00	-	-	68.00
UPC-II	19.00	-	-	20.00
UPC-III	20.00	-	-	20.00
WM-I	15.00	-	-	15.00
WM-II	15.00	-	-	15.00
WM-III	15.00	-	-	15.00
<b>Head Office Total</b>	<b>1825.50</b>	<b>292.00</b>	<b>3417.00</b>	<b>5734.50</b>
<b>Grand Total (RD+HO)</b>	<b>2500.00</b>	<b>400.00</b>	<b>4530.00</b>	<b>7430.00</b>

*Purushottam Singh*

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## 6.0: PLANS & PROGRAMMES OF HEAD OFFICE 2017-18

### Water Quality Management

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

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
	<b>Project Head-I</b>	
1.	(i) Water Quality Monitoring at 2500 stations under NWMP and addition of 500 new WQMS ( <b>ongoing</b> ) salary of project staff, telephone, travel etc.	72.00 (Separate project for additional requirement of 500 lacs sanctioned under CESS fund)
	(ii) Operation and maintenance of Real time water quality monitoring stations and development of GIS Based Web Portal on Water Quality	
2.	Monitoring Water Quality of Interstate Rivers	5.00
	<b>Grand Total</b>	<b>77.00</b>

#### Coordinator

Shri R. M. Bhardwaj, Sc-'E'

#### Signature



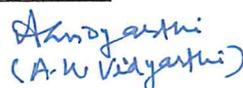
#### 6.2: Water Quality Management-II (WQM-II)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
	<b>Project Head-I</b>	
1.	Rejuvenation of Ganga (Namami Ganga)	Funds to be provided from sanctioned project of Ministry of Water Resources
2.	Activities undertaken regarding NGT matters, studies, report preparation, public complaints, VIP references etc	Funds from AAP-2017-18 from concerned IPC

#### Coordinator

Shri A.K. Vidyarthi, Sc-'E'

#### Signature



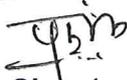
## Air Quality Management

### 6.3: Air Quality Management

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head	<b>Project Head-I</b>	
1	National Ambient Air Quality Monitoring Programme (NAMP) including calibration of instruments salary of project staff, telephone, travel etc.	46.50 (Separate project for additional requirement of Rs 3.00 crore has been sanctioned under Cess Fund)
2	Development of National Air Quality Index for Indian Cities	4.00
3	Urban India : Decision support system for <b>Online</b> air quality management ( <b>ongoing</b> )	20.00
	<b>Grand Total</b>	<b>70.5</b>

Coordinator

Dr. Prasanta Gargava, Sc-'E'

  
Signature

*Prasanta Gargava*

**Laboratories**

**6.4: AIR QUALITY –I (AMBIENT & SOURCE)**

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
<b>Project Head</b>	<b>Project Head-II - Scientific, Technical and R&amp;D Activities</b>	
<b>1</b>	<b>Laboratory Operation &amp; Upgradations</b>	
	AMC/CMC of Laboratory Equipment/Instrument, All system operations (Laboratory & Field Insurance of Man and Machines, calibration of equipment /instrument), QA/QC, procurement of spares etc, Salary of TS/Project staff/outsource/JRF salary of project staff, telephone, travel etc.	59.00
<b>2</b>	<b>NAMP &amp; Meteorology</b>	
	Procurement of chemicals, filter papers, glassware, AMC of PM2.5 sampler, conveyance, transportation, electricity bill, Procurement of consumable for sampler(PM2.5), Procurement of Infrastructure for data Centre	45.00
<b>3</b>	<b>CAAQMS</b>	
	Purchase of data under O&M contract for 12 No. CAAQM Stations(Delhi ,Lucknow, Chennai and Bangalore +New Stations), Purchase of calibration gases, O&M of DOAS System in Delhi, Coordination with SPCBs for setting up CAAQMS, meeting, TA/DA	170.00 (For additional fund requirement; separate proposal has to be submitted to MoEF&CC)
<b>4</b>	<b>Surveillance Activity &amp; Auditing</b>	
	Ambient ,Noise & source and vehicular monitoring	20.00
<b>5</b>	<b>Procurement of Analyzer/Equipment</b>	
	Procurement of spectrophotometer(Visible & UV one each), HC/TOC analyzer, spectrophotometer (Visible 04), balance (6Nos), equipment(PM2.5 -04 & PM10 - 04) sampler, SODAR system, 5 set analyzer for CAAQMS, PM10 sampler (04) & equipment for emission monitoring (HCl, Metals), CO/HC analyser and smoke meter	(Separate project of Rs 1.80 Crore has been sanctioned under Water Cess fund). For the rest of the procurement new proposal to be submitted to MoEF&CC
	<b>Total</b>	<b>294.00</b>

**Coordinator**

Dr. Dipankar Saha, Sc-'E'

**Signature**

*(Handwritten signature of Dipankar Saha)*

*(Handwritten signature of Purnendu)*

**6.5: Air Quality- II (Air toxic)**

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
<b>Project Head</b>	<b>Project Head-II - Scientific, Technical and R&amp;D Activities</b>	
1	<b>Coordination Activities on NABL System Implementation (IS : 17025) &amp; MISC. SCHEMES</b>	
	NABL 17025 System Implementation office equipment / accessories, TA/DA etc, Internal Audit/ External Audits, Application fee/ Accreditation fee/ Desktop Audit Fee, Organising NABL related Trainings , Workshop, Meetings. Strengthening of NABL Accreditation at CPCB - ZO Laboratories. Misc. activities like Students Training, PTB Project, Certification of online sensors, salary of project staff, telephone, travel etc. Salary of DEO	7.00
2	QA/QC in Air (Calibration, Organising Workshop, accessories, TA/DA etc minor purchased supplies), Meetings	3.00
3	LIMS system for CPCB laboratories and new instruments (GC-MS, ATD/GC-MS) and Molecular Markers study in ambient air (3 - 4 cities), accessories, TA/DA, Workshop, Meetings etc	Separate proposal for Rs 562.00 lakhs additional requirement may be prepared for procurement and submitted to MOEF
4	Routine PAHs & VOC in air and related lab operations and Maintenance expenditures, salary of one SA (Outsourced) and Attendant (Outsourced), Workshop, Meetings	5.00
	<b>Total</b>	<b>15.00</b>

**Coordinators**

Dr. S. K. Tyagi, Sc-'E'

*S.K. Tyagi*  


**Signature**

*Pawan K...*  


## 6.6: Trace Organic

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
<b>NATIONAL REFERENCE TRACE ORGANIC LABORATORY (NRTOL)</b>		
<b>Project Head</b>	<b>Project Head-II - Scientific, Technical and R&amp;D Activities</b>	
1	Measurement of Dioxin (PCDDs) and Furan (PCDFs) in environmental samples (Procurement of Reference Standards + other items)	02.00
2	Monitoring of micro pollutants (pesticides and heavy metals) in water and sediments of River Ganga	05.00
3	Standardization of Methodology for Determination for pharmaceuticals & Personnel Care Product in Environmental Samples (Ongoing)	03.50
4	Annual Maintenance Contract for Air Handling Unit, HRMS and other equipment/instruments analytical gases, insurance of assets/staff/spares etc. salary of project staff, telephone, travel etc.	35.00
5	Inter-laboratory PT Participation for HQs Laboratory & CPCB Regional Directorate Laboratories during 2015	6.00
6	Recognition of Laboratories under the Environment (Protection) Act, 1986	0.50
7	Monitoring of pesticides residue at national level	IARI Fund
	<b>Total:</b>	<b>52.00</b>

### Coordinators

Dr. C.S. Sharma, Sc-'E'

### Signature



### 6.7: Water & Waste Water

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
<b>Project Head</b>	<b>Project Head-II - Scientific, Technical and R&amp;D Activities</b>	
1	Analytical quality control (AQC/ water) for Central and State Pollution Control Boards, Pollution Control Committees & for laboratories recognized under E(P) Act salary of project staff, telephone, travel etc.	5.00
2	Laboratory Management (Temporary staff /AMC/ Instrument repairing/ Procurement of Instruments/equipment's, glassware, chemicals stationary items)(On-going )	25.00
	<b>Total</b>	<b>30.00</b>

Coordinators

Signature

Dr. P.K. Behera. Sc-'D'

### 6.8: Instrumentation

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
<b>INSTRUMENTATION LABORATORY (IL)</b>		
<b>Project Head-II - Scientific, Technical and R&amp;D Activities</b>		
1	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.	15.00
2	Recognition of environmental laboratories under the E(P)A 1986 (Collaborative activity with NRTOL)	2.00
3	Trace Metal characterization of waste water and sludge generated from CETPs using Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-AES). <b>(on going)</b>	3.00
4	Elemental Characterization of PM 2.5 at various locations of Agra <b>(on going)</b>	<b>3.00</b>
5	Purchase of Atomic Absorption Spectrometer and Water Purification System	Separate proposal amounting Rs 50.00 lakhs to be submitted to MoEF&CC
	<b>Total</b>	<b>23.00</b>

Coordinators

Signature

Shri B.K. Jakhmola, Sc-'E'

*B.K. Jakhmola*  
11/5/17

*P.K. Behera*

21/43

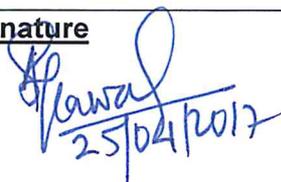
## 6.9: Biological

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
<b>BIO-SCIENCE LABORATORY (BL)</b>		
	<b>Project Head-II - Scientific, Technical and R&amp;D Activities</b>	
1	Analytical services to other Divisions etc. <b>(Routine activity)</b> . salary of project staff, telephone, travel etc.	20.00
	<b>Total</b>	<b>20.00</b>

### Coordinators

Dr. Sanjeev Agarwal, Sc-'E'

### Signature

  
25/04/2017

## Industrial Pollution Control

### 6.10: Industrial Pollution Control-I (IPC-I)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
<b>Project Head-III (a) : Standard Development</b>		
1	Preparation of COINDS & revision of status on Pesticide Industry <b>(on going)</b>	10.00
2.	Preparation of COINDS on Pharmaceutical Industry and Development of Emission Standards including VOCs <b>(ongoing)</b>	15.00
	<b>Sub Total</b>	<b>25.00</b>
<b>Project Head – III (b) Enforcement</b>		
IPC-I		
3.	Implementation of Pollution control measures, enhancing pollution compliance status and enforcement mechanism, implementation of standards, ESS activities, Public Complaint investigation and Court matters salary of project staff, telephone, travel etc.	15.00
	<b>Total</b>	<b>40.00</b>

### Coordinators

Shri Gurnam Singh, Sc-'E'

Shri Dinabandhu Gouda, Sc-'E'

### Signature




### 6.11 Industrial Pollution Control-II (IPC-II)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
<b>Project Head-III (a) : Standard Development</b>		
1.	Revision of Environment Standards for coal Mines	1.00
2.	Preparation of COINDS for Lime Stone Mining	1.00
	<b>Sub Total</b>	<b>2.00</b>
<b>Project Head – III (b) Enforcement</b>		
3.	Implementation of Pollution control measures, enhancing pollution compliance status and enforcement mechanism, implementation of standards, ESS activities, Public Complaint investigation and Court matters salary of project staff, telephone, travel etc.	20.00
4.	Inventorization/status of non-ferrous mines (Bauxite, Chromite etc) and Environment Status of Non Ferrous Mines	2.00
<b>Project Head – III (c) Technology</b>		
5.	Status of NOx control technologies for Thermal Power Plant & Cement Industry	0.50
6.	Assessment of Waste Heat Recovery System in Cement Industries	0.50
	<b>total</b>	<b>25.00</b>

**Coordinators**

Shri N.K. Gupta, Sc-'E'

Dr. S.K. Paliwal, Sc-'D'

**Signature**





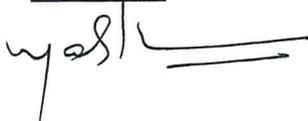
### 6.12: Industrial Pollution Control-III (IPC-III)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
<b>Project Head-III (a) : Standard Development</b>		
1.	Charter for water recycling and pollution prevention in Pulp and Paper industries(ongoing, in-house)	2.00
	COIND for Food & Beverages & Soft Drinks (new-in-house) including revision of standards	1.00
	Revision of Bio-composting guidelines w.r.t utilization of MEE concentration in composting (new-in-house)	1.00
	Assessment of waste water generation from different textile processes	1.00
	Sub total	5.00
<b>Project Head – III (b) Enforcement</b>		
	Implementation of Pollution control measures, enhancing pollution compliance status and enforcement mechanism, implementation of standards, ESS activities, Public Complaint investigation and Court matters salary of project staff, telephone, travel etc.	15.00
	<b>Total</b>	<b>20.00</b>

#### Coordinators

Dr. ~~V~~ Madhusudan, Sc-'E'

#### Signature



### 6.13 Industrial Pollution Control-IV (IPC-IV)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
<b>Project Head-III (a) : Standard Development</b>		
<b>Project Head – III (b) Enforcement</b>		
	Implementation of Pollution control measures, enhancing pollution compliance status and enforcement mechanism, implementation of standards, ESS activities, Public Complaint investigation and Court matters salary of project staff, telephone, travel etc.	5.00
	Control of Pollution in NCR – EPCA Activities (Salary of Chairman, EPCA and EPCA Meeting expanses)	15.00
	<b>Total</b>	<b>20.00</b>

#### Coordinators

Shri Nazimuddin, Sc-'E'

#### Signature




#### 6.14: Industrial Pollution Control-V (IPC-V)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
<b>Project Head-III (a) : Standard Development</b>		
1.	COINDS and Environmental Standards for Coke Foundries and Cupola Furnace, Includes salary of Project Staff (ongoing)	8.00
2.	Inventories and Assessment of Air and Water Pollution from Small Scale Industries in Delhi-NCR Region. (In House Project)	2.00
3.	Siting Criteria for Ready Mix Concrete plant. (In House Project)	1.00
4.	Development of Environmental Standards for Calcined Petroleum Coke Industries. Includes salary of project staff. (In House Project)	5.00
5.	Development of Environmental Standards for Pyro Metallurgical Extraction of Copper from Copper Scrap/Waste. Includes salary of project staff (In House Project)	1.00
<b>Sub Total</b>		<b>17.00</b>
<b>Project Head – III (b) Enforcement</b>		
6.	Implementation of Pollution control measures, enhancing pollution compliance status and enforcement mechanism, implementation of standards, ESS activities, Public Complaint investigation and Court matters salary of project staff, telephone, travel etc.	8.00
<b>Total</b>		<b>25.00</b>

Coordinators

Signature

Shri Abhey Singh Soni, Sc-'E'

#### 6.15: Industrial Pollution Control-VI (IPC-VI)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
<b>Project Head – III (b) Enforcement</b>		
	Preparation of inventory of red and orange green categories of industries, consent management in different states & compilation of information, salary of project staff, telephone, travel etc.	10.00

Coordinators

Signature

Shri P.K. Gupta, Sc-'E'

*Pankaj Kumar*

### 6.16: Industrial Pollution Control-VII (IPC-VII)

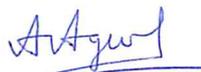
Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
<b>Project Head-III (a) : Standard Development</b>		
<b>Project Head – III (b) Enforcement</b>		
	Monitoring, sampling and analysis for ambient air quality, surface water quality and ground water quality in critically polluted industrial areas salary of project staff, telephone, travel etc.	18.00 (Separate project for additional requirement of Rs 5.57 Crore has been sanctioned under Water Cess fund)
	Ecomark scheme—organizing meeting of technical committee and subcommittee, TA/ DA to the participants	5.00
	<b>Total</b>	<b>23.00</b>

#### Coordinators

Shri Ajaya Agarwal, Sc-'E'

Shri A.K. Sinha, Sc-'E'

#### Signature




### 6.17: Law I & II

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
<b>Project Head – III (b) Enforcement</b>		
1.	Follow up of Court matters payment of Advocate fee salary of project staff, telephone, travel etc.	10.00

#### Coordinators

Shri S. Sudhakar, Sc-'E'

Shri Gurnam Singh, Sc-'E'

#### Signature




*Pravin Deora*

26/43

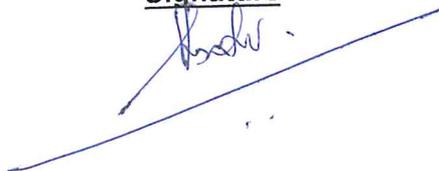
6.18: Building

S. No	Name of Schemes	Allocations (₹ in Lakh)
<b>Building Project {P-III (b) – Enforcement}</b>		
1.	Maintenance of Parivesh Bhawan Building, (Air quality Monitoring stations & Guest House, AMC of EPABX Elevators, Photocopier machine , Air Conditioner, D.G. Set, APFC panel, sub-stations, ACHV system of Air & Water lab., U.P.S, water purifier, system etc, outsourcing of security, lawn, house keeping etc. Telephone ,Broadband ,Data Card bills, electricity bills, water bills, MCD Tax, Ground Rent of Parivesh Bhawan, procurement of one no. computer, printer and UPS, stationary items, electrical materials etc. Salary of 03 nos. temporary/casual project staff (ongoing)	290.00
2.	<b>Upgradation of Fire Fighting &amp; detection system</b> Upgradation of fire-fighting system (jockey pump Diesel engines, electrical panel, fire-fighting system, sprinkler system etc. Procurement of fire safety materials <b>Miscellaneous civil Electrical works in Parivesh Bhawan</b> i) Facelift of Parivesh Bhawan Building, repairing of roads and fixing of Kota stone and other electrical works ii) Renovation of halls/sitting room, canteen, library, basement area and electrical works	40.00
3.	Fuel, maintenances, insurances, road tax, hiring of vehicles & purchases of 02 nos. vehicle for monitoring purposes (ongoing)	50.00
4.	<b>Up gradation of Electrical Sub-Station and other works in Parivesh Bhawan. (ongoing)</b> i) Replacement of 02 no old 500 KVA transformer with OLTC type 750 KVA transformer. ii) Replacement of LT, Emergency panel, Floor electrical panels including electrical cabling. iii) Re-organizing of all electrical, telephone, internet, cabling at all floors including basement in cable trays. iv) Replacement of existing old 02 nos. water lifting pump & motors including electrical panel v) New copper earthing from lighting arrestors (roof top of 5 <sup>th</sup> floor to ground floor) in Parivesh Bhawan (08 nos.) including additional earthing for electrical substation Replacement of existing lighting system with energy efficient LED lights in HQ (Reception, Library, 2 <sup>nd</sup> floor corridors etc.)	50.00
5.	Construction of laboratory cum office building at Bhopal (estimated cost Rs 660 lacs already released Rs. 300 lac to CPWD)	Separate proposal for balance Rs 360 lakhs to be submitted to MOEFCC.
<b>Grand Total</b>		<b>430.00</b> <b>(SHCA : 40)</b>

**Coordinators**

Dr. Dipankar Saha, Sc-'E'

**Signature**




### 6.19: Quick Response Team (QRT)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
<b>Project Head – III (b) Enforcement</b>		
1.	Follow up on references to be immediately responded or quick inspections salary of project staff, telephone, travel etc.	5.00
<b>Total</b>		<b>5.00</b>

**Coordinators**

Shri Sunil Dave, Sc-'E'

Shri S.K. Arora, Sc-'E'

**Signature**

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25/04/17  
*[Handwritten Signature]*  
25/4/17

**Pollution Control Planning, PR Section & Library, Hindi**

### 6.20 (a): Pollution Control Planning (PCP)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
<b>Project Head-III (b) Enforcement</b>		
1.	Co-ordination with SPCBs including assistance for subject specific programmes	5.00
2.	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, telephone, travel etc.	70.00
	(i) Salary of CPCB Staff	<b>3417.00</b>
3.	Implementation of Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013	1.00
4.	National level and Regional level Conference of Chairmen & Member Secretaries of SPCBs/PCCs	10.00
5.	Board meetings including TA/DA of members	10.00
6.	Redressal of Public Complaints/Right to Information Act/Staff salary, stationery and computer peripherals etc.	10.00
<b>Sub Total:</b>		<b>106.00</b> <b>(Salary 3435)</b>

**Coordinators**

Shri J.S. Kamyotra, Sc-'F'

Shri Paritosh Kumar, Sc-'E'

Shri V. P. Yadav, Sc-'E'

Ms Divya Sinha, Sc-'E'

**Signature**

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*[Handwritten Signature]*

## 6.20 (b): PR Section and Library

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
<b>Project Head IV: PR &amp; Mass Awareness Programme</b>		
1.	Exhibition/ Workshops/Mass awareness activities and preparation of exhibition materials, stationery/computer peripherals.	10.00
2.	Publication of CPCB technical reports (on-going).	30.00
3.	Advertisements.	10.00
4.	Operation and upkeep of conference halls, committee rooms, training hall, hospitality arrangements and strengthening of PR activities salary of project staff, telephone, travel etc.	5.00
5.	Financial Assistance to NGOs for conducting programmes on Abatement of Pollution & Community Action Programme and Interaction/Training programmes for NGOs on prevention and control of pollution	
	<b>Sub Total:</b>	<b>55.00</b>
<b>Project Head- IV Library</b>		
6.	Purchasing of books, Newspapers and Magazine, E-subscription of Journals and Periodicals, Purchasing of furniture, Infrastructure and Software procurement, Binding	10.00
	<b>Sub Total:</b>	<b>10.00</b>
	<b>Grand Total</b>	<b>65.00</b>

### Coordinators

Shri Shriance Jain, Sc-'E'

Shri G. Ganesh, Sc-'D'

### Signature

*STam* [Per S.No. 5]

*श्री गणेश* Per S.No - 6

*Pavani Desai*

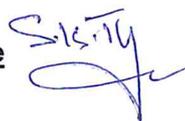
### 6.20 ( c ): Environmental Training Unit (ETU)

S.No.	Name of Schemes	Allocation (₹ In Lakh)
<b>Project Head – IV : Training</b>		
1.	Training (ongoing) (a) National Training salary of project staff, telephone, travel etc. (b) International Training	100.00 10.00
<b>Grand Total</b>		<b>110.00</b>

#### Coordinators

Dr. S. K. Tyagi, Sc-'E'

#### Signature



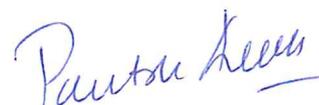
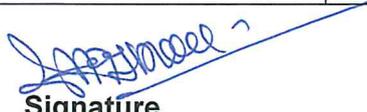
### 6.20 (d): Hindi Section

S. No.	Name of Schemes	Allocations (₹ in Lakh)
<b>Project Head- IV PR, Mass Awareness Programmes &amp; Hindi</b>		
1.	Hindi Workshops and Training Programme	1.25
2.	Hindi Book writing/Noting-Drafting Incentive Scheme	0.75
3.	Organizing function on Hindi Day, Head Office & Regional Directorates	1.25
4.	Purchase of Hindi Books/Dictionary/Stationary	0.25
5.	Purchase of office items etc. for Hindi Section	1.00
6.	Salary of Data Entry Operator-cum-Hindi Steno (contract)	1.50
7.	Inspection of ZOs reg. use of Hindi-TA/DA expenses etc.	1.00
<b>Grand Total:</b>		<b>7.00</b>

#### Coordinators

Shri Sheetal Prasad, AO (OL)

#### Signature



## 6.21: Information Technology

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
	<b>Project Head-V Information (Database) Management</b>	
1.	Strengthening of computer network (ongoing)	74.00
2.	Website Management and infrastructure expenditure (ongoing) salary of project staff, telephone, travel etc.	10.00
3.	Integrated Data Transmission from Real Time System to CPCB (ongoing)	111.00
4.	NSDI-Establishment of NSDI Node at CPCB (nsdi, dst sponsored Project)  (Proposal for strengthening of Network and IT infrastructure has been sanctioned under water Cess fund for Rs 1.20 crore).	-
	<b>Grand Total</b>	<b>195.00</b>

### Coordinators

Shri S. Sudhakar, Sc-'E'

  
Signature

for ITC/IT



## Urban Pollution Control (UPC)

### 6.22 :Urban Pollution Control-I (UPC-I)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
	<b>Project Head-VI- Waste Management and Urban Pollution Control</b>	
1.	Operation and Maintenance of Existing 70 Noise Monitoring Stations	48.5.00
2.	Strengthening National Ambient Noise Monitoring Network (NANM) and establishment of <b>156</b> new stations in 39 Million Plus cities	(Separate project proposal for additional requirement submitted to MoEF&CC)
3.	Development of National guidelines for odour monitoring and management in urban MSW landfills ( <b>ongoing</b> )	13.00
4.	Implementation of construction and demolition management rules	1.00
5.	Status of Urban Slaughter House (state capitals & million plus cities)- field survey	2.00
6.	Miscellaneous activities of UPCD like stationary item purchase, TA/DA for attending meeting and computer related items salary of project staff, telephone, travel etc. <ul style="list-style-type: none"><li>• Standing committee on emissions from RIC Engines for Off-road Applications.</li><li>• National committee on noise pollution control</li><li>• Noise level monitoring in &amp; around wild life sanctuaries/national parks of India.</li></ul>	3.50
	<b>Total</b>	68.00

#### Coordinators

Ms. Mita Sharma, Sc-'E'

#### Signature

Releases due in FY 2016-17  
Have not been done - they  
need to be shown in FY 2017-18  
Budget.

M Sharma  
24.06.17

P. S. Kher

M Sharma

### 6.23: Urban Pollution Control-II (UPC-II)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
<b>Project Head-VI- Waste Management and Urban Pollution Control</b>		
<b>Municipal Solid Waste Management (MSW)</b>		
1.	Implementation of MSW Rules, 2000, Demonstration Projects and specific programmes salary of project staff, telephone, travel etc. <b>(Regular Activity)</b>	10.00
2.	Status / Performance of Sewage Treatment Plant in India other than Ganga	10.00
<b>Total</b>		20.00

**Coordinators**

Signature

Shri M. K. Chaudhury, Sc-'E'

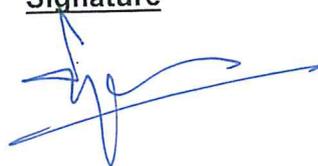
### 6.24: Urban Pollution Control-III (UPC-III)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
<b>Project Head-VI- Waste Management and Urban Pollution Control</b>		
1.	Implementation of PWM rules, 2011 with SPCBs/PCCs and municipalities, issuing directions to Chairmen, preparation of Annual Reports on implementation, RTI Matters, NGT Matters, VIP Complaints, pending payments, if any, TA/DA for visits to plastic processing plants, payments, salary of DEO, Scientific Assistant, JRF/RA, Stationary, Furniture, telephone charges etc (on-going).	10.00
2.	Evaluation of Plastic Waste Disposal Technologies such as Road construction, Plasma pyrolysis, Conversion of PW into Liquid Fuel, Co-processing of PW in cements Klins-visit to various sites using such technologies	10.00
3.	Assessment of Plastic Waste generation from Electronics and Electrical Waste (New)	(Separate proposal to be submitted to MoEF&CC)
<b>Total</b>		20.00

**Coordinators**

Signature

Dr. S. K. Nigam, Sc-'E'





**Waste Management Division**

**6.25: Waste Management-I (WM-I)**

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
	<b>Project Head-VI- Waste Management and Urban Pollution Control</b>	
1.	Implementation of Bio-Medical Waste Management salary of project staff, telephone, travel etc.	10.00
2.	Implementation of Battery Rules	5.00
3.	Remediation of hazardous waste contaminated areas under National Clean Energy Fund (NCEF) (upto 2015)	<b>NCEF funded</b>
4.	Disposal of UCIL waste – Trial incineration of UCIL waste as per the direction of Hon'ble Supreme Court.(upto 2015) (Estimated cost 1.5 Crore funds released 2014-15 Rs. 60.0 lacs)	
	<b>Total</b>	15.00

**Coordinators**

**Signature**

Shri Vinod Babu, Sc-'E'  
(On tour)

for

  
27/4/2017

**6.26: Waste Management-II (WM-II)**

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
	<b>Project Head-VI- Waste Management and Urban Pollution Control</b>	
1.	Implementation of Hazardous Waste Management Rules – authorization of recyclers and TSDF, waste to energy plant salary of project staff, telephone, travel etc. Development of Standard Operating Procedure for utilization of various types of hazardous waste for resource/energy recovery.	15.00
	<b>Total</b>	15.00

**Coordinators**

**Signature**

Shri Bharat K. Sharma, Sc-'E'

  
27/4/2017

**6.27: Waste Management –III (WM-III)**

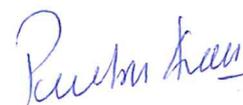
Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
	Implementation of E-waste Management	15.00
	<b>Total</b>	15.00

**Coordinators**

**Signature**

Shri Anand Kumar, Sc-'E'

  
27/04/17



## 7.0: PLANS & PROGRAMMES OF REGIONAL DIRECTORATES (2017-18)

### 7.1: Regional Directorate -Bengaluru

SI.No	Name of the Project	Estimate (₹ in Lacs)
<b>Project Head –I Pollution Assessment (Survey and Monitoring)</b>		
1	Surveillance of NAMP & NWMP stations including organizing review meeting, Monitoring of inter-state river water quality, Pesticide Pollution From Agricultural Runoff along The major rivers , Study of Total PAH in ambient air and conducting regional conferences on Air and Water Quality in Southern Zone .	5.00
<b>Sub Total</b>		<b>5.00</b>
<b>Project Head – II. Scientific&amp; Technical Activities and R &amp; D</b>		
2	Operation and Maintenance of Networking of CAAQM stations at Bangalore and Chennai ( <b>ongoing</b> ).	2.50
3	Infrastructure development of the laboratory, Purchase cum O & M, AMCs of instruments / equipment. Procurement of lab related items, Development of facilities for calibration of air pollution monitoring instruments and equipment (Ring Test Facility), NABL accreditation and E(P) Act recognition of Laboratory	24.50
<b>Sub Total</b>		<b>27.00</b>
<b>Project Head – III (b). Industrial Pollution Control (Standards, Technologies and Enforcement)</b>		
4	Building Maintenance, Payment of salary, Rents, Telephone, Fax, Data card, EPABX, Housekeeping, Postal & Courier charges, purchase of Stationery, Water and Electricity charges, Running & Maintenance of office vehicles, local conveyance for official duties, Procurement of furniture and fixtures Hospitality Arrangements,.	50.00
5	Compliance Verification of Industries, reviewing of status of comprehensive Environmental Pollution Index, Legal issues, Inspection for National Awards, Diwali Monitoring, Co-ordination of Parliamentary Committee Visits and related activities, RTI, Redressal of public/ VIP complaints, BSNL charges, Stationery, Study of co-incineration in industries, Monitoring allowance, inspection & monitoring of online monitoring systems, polluted river stretches and Lakes in the zone, OTA, etc.	15.00
	Salary of RD Regular Staff, Medical Reimbursement, Children Education Allowance LTC etc.	260.00
<b>Sub Total</b>		<b>65.00</b>
<b>Project Head – IV(a) Training programmes</b>		
6	Capacity building and imparting training programme to staff sponsored by Head office and other organizations, sponsoring officials to premiere institutes for acquiring higher knowledge and evaluation of effectiveness of training imparted to officials .	3.00
<b>Sub Total</b>		<b>3.00</b>
<b>Project Head – IV(b) PR, Mass Awareness Programmes&amp; Hindi</b>		
7	Exhibitions/Workshops/Mass Awareness Activities, NGO Activities, printing of pamphlets, booklets, collection and dissemination of information and conducting Rajbhasha Hindi Diwas event.	0.50
<b>Sub Total</b>		<b>0.50</b>
<b>Project Head – IV(C) Library</b>		

*Raman Kumar*

	scientific, technical, administrative, accounts, Hindi etc., News Papers, Magazines, journals, E-Subscription of Journals, peer reviewed papers and Periodicals, Swamy Rules books etc..	
<b>Sub Total</b>		<b>0.50</b>
<b>Project Head – V Information (Database) Management</b>		
9	Computerization and Digitization of CPCB Activities, & E-Governance of Regional Directorates, Procurement of related items, Operation, Maintenance and AMC of computers and its peripherals, cartridges, Local Area Networking (LAN), procurement of computers, software other items, payment to BSNL for providing internet facilities etc., (ongoing), Installation/ Renew of End point Security (Anti-virus facility), Up gradation of operating system..	5.00
<b>Sub Total</b>		<b>5.00</b>
<b>Project Head – VI Waste Management and Urban Pollution Control (plastic waste, Hazardous Waste, Municipal Solid Waste, Bio-Medical Waste, E-Waste &amp; Vehicular Pollution)</b>		
10	Monitoring of Municipal Solid Waste (MSW) management facilities and Assessment of Plastic Waste Management including domestic sanitary waste management.	1.00
11	Monitoring of Sewage Treatment Plants (STPs), sewage drains, assessment of sewage characteristics in receiving water bodies	1.00
12	Monitoring of Common Effluent Treatment Plants, Treatment, Storage and Disposal Facilities, Common Bio-Medical Waste Treatment Facility, E-waste recycling units, Hazardous Waste units in the Zone.	1.00
<b>Sub Total</b>		<b>3.00</b>
<b>Grand Total</b>		<b>369.00</b> <b>(Salary:260)</b> <b>(SHCA : 20)</b>

Coordinators

Shri S. Suresh, Sc 'E'

Signature

S. Suresh  
25/11/2017

*Ravi Kumar*

## 7.2: Regional Directorate-Bhopal

Scheme No.	Schemes	Allocation of budget in lacs
<b>PROJECT I : POLLUTION ASSESSMENT (SURVEY &amp; MONITORING)</b>		
1.	Surveillance of ambient Air Quality and Noise monitoring during Diwali Festival, Inventorization of Municipal Solid Waste of Madhya Pradesh, Assessment of status of sewage in Central Zone, Assessment of status of e-waste in Central Zone, Environmental Status of Water bodies and their quality in metropolitan cities/State capital, Assessment of topospheric ozone level in ambient air in urban areas, Inspection /Monitoring of NAMP/NWMP stations in Central Zone	5.00
<b>Sub Total:</b>		<b>5.00</b>
<b>PROJECT -II : SCIENTIFIC AND TECHNICAL ACTIVITIES AND R &amp; D</b>		
2.	Development of laboratory and monitoring facilities, Operation & Maintenance of existing laboratory including payment towards rent, electricity, security and salary of 02 TS/CPE.	30.00
<b>Sub Total:</b>		<b>30.00</b>
<b>PROJECT -III (B) : ENFORCEMENT</b>		
3.	Salary of RD Regular Staff, Medical Reimbursement, Children Education Allowance etc.	150.00
4.	Investigation of public/VIP complaints, reviewing implementation of action plans of CPAs of Central Zone in consultation with SPCBs and Environmental monitoring w.r.t. NGT/High Court orders/directions, Verification of compliance of directions issued under Section 18 (1)(b) & Section 5 of EPA issued by CPCB, Sector Specific Inspections/ESS follow-up/ SMS alert and offline data and O & M Expenses of vehicle including salary of 02 TS/CPE	15.00
<b>Sub Total:</b>		<b>165.00</b>
<b>PROJECT -IV (A) : TRAINING PROGRAMMES</b>		
5.	Nomination of officers/staff for training/workshops	1.50
<b>Sub Total:</b>		<b>1.50</b>
<b>PROJECT -IV (B) : PR, MASS AWARENESS PROGRAMMES &amp; HINDI</b>		
6.	Organizing mass awareness activities during World Environment Day and other programmes to be organized for environmental education round the year	1.00
<b>Sub Total:</b>		<b>1.00</b>
<b>PROJECT -IV (C) : LIBRARY</b>		
7.	Development of library, subscription of journals/publications and purchase of CDs/software etc	0.50
<b>Sub Total:</b>		<b>0.50</b>
<b>PROJECT -V : INFORMATION (DATABASE) MANAGEMENT</b>		
8.	Development of IT and computer facility in office(on Going)	1.00
<b>Sub Total:</b>		<b>1.00</b>

*Pawan Kumar*  
37/43

PROJET-VI: WASTE MANAGEMENT & URBAN POLLUTION CONTROL (PLASTIC WASTE, HAZARDOUS WASTE, MUNICIPAL SOLID WASTE, BIO-MEDICAL WASTE, E-WASTE AND VEHICULAR POLLUTION)		
9.	Monitoring of TSDFs/CBMWTFs for compliance and data compilation on MSW, Plastic Waste, E-waste, Biomedical waste and batteries in coordination with SPCBs	2.00
<b>Sub Total:</b>		<b>2.00</b>
<b>GROSS TOTAL:</b>		<b>206.00</b> (Salary: 150) (SHCA : 20)

**Coordinator**

**Shri P. Jagan, Sc 'D'**

**Signature**



क्षेत्रीय निदेशक / Regional Director  
क्षेत्रीय निदेशालय (मध्य)  
Regional Directorate (Central)  
केन्द्रीय प्रदूषण नियंत्रण बोर्ड  
Central Pollution Control Board  
भारत



*Pratik K...*

### 7.3: Regional Directorate-Kolkata

Sl. No.	Name of Schemes	Allocations (₹ in Lakh)
<b>Project- I Pollution Assessment (Survey &amp; Monitoring)</b>		
1.	Surveillance of Water Quality Monitoring Stations in the Eastern Zone Interstate monitoring including Lake Water in and around Kolkata including Database Management System	15.00
2.	Surveillance of Air Quality Stations including AAQM in Kolkata in Rural Area emphasizing of PM <sub>2.5</sub> and PM <sub>10</sub> and POP characterization in the Eastern Zone and Andaman & Nicobar Island, VOC in the traffic intersections & petrol refueling stations in Kolkata	
3.	Surveillance of ISO/IEC 17025 and ISO 18001:2007 in Regional Directorate CPCB, Kolkata including NABL	
4.	Inventory of Polluting sources for Air emission. Effluent Discharge, Municipal Solid Waste Management, Hazardous Waste Management and VOC from Aluminium Smelter, Refinery, Pulp and paper, Steel Sector, Bauxite Mine, Coal Bed Methane (CBM) and in the Biosphere Reserves of Sundarban	
	<b>Sub Total</b>	<b>15.00</b>
<b>Project- II Scientific &amp; Technical Activities and R &amp; D Project Head</b>		
3	Strengthening O & M of Laboratory, Electricity, Telephone, Society Maintenance, Security, Rent, AMC, Insurance, Cleaning Service & others.	50.00
4	Procurement of Standard Chemicals, Glassware & Filter papers	10.00
	<b>Sub Total</b>	<b>60.00</b>
<b>Project -III(b) - Enforcement</b>		
5	NGT Court cases, ESS and related activities like performance assessment of TSDF, CBMWTF, STP and CETP including and others.	15.00
	Officers and staff Salary	250.00
	Running and maintenance of office vehicles for plan activities	10.00
	<b>Sub Total</b>	<b>25.00</b>
<b>Project - IV (a) Training Programme</b>		
6	Expenses towards nomination and attending Training Program and Workshop	3.00
	<b>Sub Total</b>	<b>3.00</b>
<b>Project - IV (b) Mass Awareness &amp; Hindi Diwas</b>		
7	Mass Awareness Programme	1.00
	<b>Sub Total</b>	<b>1.00</b>
<b>Project - IV(c) Library</b>		
8	Development of Library	1.00
	<b>Sub Total</b>	<b>1.00</b>
	<b>Grand Total</b>	<b>355.00</b> (Salary:250) (SHCA : 10)

Coordinator

Shri R.C. Saxena, Sc 'E'

Signature

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11/5/17

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39/43

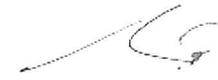
7.4: Regional Directorate -Lucknow

S. No	Name of Schemes	Allocations (₹ in Lakh)
<b>Project- I Pollution Assessment (Survey &amp; Monitoring)</b>		
1	Operation, maintenance and up-gradation of AAQM station at Lucknow and Monitoring of Interstate rivers and inspection of NAMP and MINARS stations located in north zone	10.00
<b>Sub Total</b>		<b>10.00</b>
<b>Project- II Scientific &amp; Technical Activities and R &amp;D Project Head</b>		
2	Operation, Maintenance and Development of laboratory	80.00
<b>Sub Total</b>		<b>80.00</b>
<b>Project- III Industrial Pollution Control (Standards, enforcements and technologies)</b>		
3	Salary of scientific and technical officers	230.00
4	Industries inspection by order of Hon'ble NGT, enforcement for compliance of Direction and related O&M Expenses	30.00
<b>Sub Total</b>		<b>260.00</b>
<b>Project - IV Training and Awareness</b>		
5	Training activities (Nomination and Sponsoring)	3.00
6	Library development	1.00
<b>Sub Total</b>		<b>4.00</b>
<b>Project - V Information (Database) Management</b>		
7	Information (Data base) Management	5.00
<b>Sub Total</b>		<b>5.00</b>
<b>P-VI: Waste Management and Urban Pollution Control (Plastic Waste, Hazardous Waste, Municipal Waste, Biomedical waste, E-waste and vehicular pollution)</b>		
8	Performance evaluation of STPs, MSW facilities, common facilities (CETP, TSDF, CBMWTFSS) in north Zone	5.00
<b>Sub Total</b>		<b>5.00</b>
<b>Total</b>		<b>364.00</b> SHCA 10

Coordinator

Shri P.K. Mishra, Sc 'E'

Signature

  
(P.K. Mishra)  
सेवाय विभाग  
इंजीनियर प्रमुख (अवकाश कक्षा)  
राज्यीय विभाग, लखनऊ

*P.K. Mishra*

7.4: Project Office Agra

Sr. No.	Name of Schemes	Allocations (₹ in Lakh)
<b>Project Head I- Pollution Assessment-(Survey &amp; Monitoring)</b>		
1	Operation and Maintenance of FPM2.5 sampler, E-BAM, & SODAR	10.00
	<b>Sub Total</b>	<b>10.00</b>
<b>Project Head II- Scientific and Technical Activities and R &amp; D</b>		
2	Operation & Maintenance of laboratory, AAQMS , Security (include salary of JRFs) etc.	70.00
	<b>Sub Total</b>	<b>70.00</b>
<b>Project Head III(b) –Enforcement</b>		
3	Inspection & monitoring of MSW site, CETP, STP, CBMWTF, Implementations, Public complaints, Parliament questions, interaction/ meeting with local Govt. including salary of Staff etc.	35.00
	<b>Sub Total</b>	<b>35.00</b>
<b>Project Head IV(a)- Training Programmes</b>		
4	Training	0.50
	<b>Sub Total</b>	<b>0.50</b>
<b>Project Head IV(b) PR, Mass Awareness Programme &amp; Hindi</b>		
5	Mass Awareness Activities & Implementation of Rajbhasha	0.50
	<b>Sub Total</b>	<b>0.50</b>
<b>Project Head IV(c) Library</b>		
6	Development of Library, purchase of journals, Newspapers, Books	1.00
	<b>Sub Total</b>	<b>1.00</b>
<b>Project Head V – Information (Data base) Management</b>		
7	Data Base Management at Agra Office	2.00
	<b>Sub Total</b>	<b>2.00</b>
	<b>Total</b>	<b>119.00</b>
<b>Grand Total (Lucknow &amp; Agra +119))</b>		<b>483.00</b> <b>(Salary 230)</b> <b>SHCA 10</b>

Coordinators

Shri V.K. Shukla, Sc-'D'

Signature

*V.K. Shukla*

*Purnan Kumar*

7.5: Regional Directorate -Shillong

Scheme No.	Name of Schemes	Allocations (₹ in lakh)
<b>Project Head I- Pollution Assessment-(Survey &amp; Monitoring)</b>		
1.	Co-ordination with State Boards (including visit) regarding strengthening and Implementation of various Rules/Regulations; Surveillance of NAPL and NWMP, Water Quality assessment in major International/ Interstate boundary rivers, polluting river stretches and lakes in the NE region, Environmental issues in Pharmaceutical Formulation units in North East region- Preparation of status report and Environmental Management in the Breweries and Grain based distilleries in the North East	6.00
<b>Sub Total</b>		<b>6.00</b>
<b>Project Head – II Scientific and Technical activities and R&amp;D</b>		
2.	Strengthening and Development of Laboratory including rent for Lab Building and new Furniture for Laboratory	18.00
3.	Operation and Maintenance of Laboratory including Salary of JRFs, Samplers, Security Personnel and Sweeper Cum Cleaner	10.00
<b>Sub Total</b>		<b>28.00</b>
<b>Project Head- III (b) – Pollution Control Enforcement</b>		
4.	(i) Salary of Technical & Scientific Staffs (ii) ESS Activities and O & M Expenses	65.00 5.00
5.	Running and maintenance of monitoring vehicle on need/monthly basis	4.00
<b>Sub Total</b>		<b>74.00</b>
<b>Project Head - IV(a)- Training</b>		
6.	Nomination for Training/Workshop	2.00
<b>Sub Total</b>		<b>2.00</b>
<b>Project Head - IV (b) PR, Mass Awareness Programme</b>		
8.	Development of library (Purchase of Books, Periodicals etc)	0.50
<b>Sub total</b>		<b>0.50</b>
<b>Project Head V – Information (Data base) Management</b>		
9.	Database Management (including purchase of PCs, Computers peripherals and consumables	2.00
<b>Sub Total</b>		<b>2.00</b>
<b>Project Head-VI Waste Management &amp; Urban Pollution Control (Plastic Waste, Hazardous Waste, Municipal Solid Waste, Bio-Medical Waste, E-Waste And Vehicular Pollution)</b>		
10.	Assessment of wastes management in North Eastern States	1.00
11.	Setting up of model area for demonstration of source segregation, collection and disposal of MSW in Aizawl, Mizoram, to be carried out jointly with Mizoram Board	2.00
12.	Setting of Model facilities for in-house management and handling of bio-medical Wastes in selected health care facilities in the state of Meghalaya	1.00
<b>Sub Total</b>		<b>4.00</b>
<b>Grand Total</b>		<b>116.50</b> <b>(Salary : 65)</b> <b>SHCA:</b>

Coordinator

Shri Z. Changsan, Sc 'E'

Signature

*ZC*  
24/11/2017

*Pooja Sen*

7.6: Regional Directorate -Vadodara

S.No.	Name of Schemes	Allocations (₹ in Lakh)
<b>Project-I : Pollution Assessment (Survey &amp; Monitoring)</b>		
1	Surveillance of Water Quality and Ambient Air Quality Monitoring Stations in Gujarat and Maharashtra.	12.00
	Inter State River quality monitoring in Gujarat and Maharashtra.	
	Monitoring of CETPs in Gujarat and Maharashtra	
	Monitoring of STPs in Gujarat & Maharashtra	
		12.00
<b>Project Head – II Scientific and Technical activities and R&amp;D</b>		
2	Operation and Maintenance of Laboratory including AMC of instruments and Running & Maintenance of Vehicles etc.	23.00
	<b>Sub-Total</b>	23.00
<b>Project Head- III (b) – Pollution Control Enforcement</b>		
3	Salaries of Regular Staff	158.00
4	Enforcement (ESS Programmes and Public Complaints )	30.00
	Maintenance of "Parivesh Bhawan" (New –Office –Cum Lab.)	25.00
	<b>Sub-Total</b>	213.00
<b>Project Head – IV (a) 08: Training Programmes</b>		
5	Registration fees and TA/DA for attending the training Programmes	2.00
	<b>Sub-Total</b>	2.00
<b>Project Head- IV (b) PR, Mass Awareness Programmes&amp; Hindi</b>		
6	Creation of Mass Awareness Programmes	1.00
	<b>Sub-Total</b>	1.00
<b>Project Head- IV (c) Library</b>		
7	Development of Library	1.00
	<b>Sub-Total</b>	1.00
<b>Project Head-V (Information (Database) Management)</b>		
8	Up gradation of Data base Management systems	2.00
	<b>Sub-Total</b>	2.00
<b>Project Head – VI- Waste Management and Urban Pollution Control</b>		
9	Waste Management and Urban Pollution Control (Plastic Waste, Hazardous Waste, Municipal Solid Waste, Bio-medical Waste, E- Waste) Management	4.00
	<b>Sub-Total</b>	4.00
	<b>Grand Total</b>	258.00 (Salary 158) SHCA :28

Coordinator

Shri B.R. Naidu, Sc 'E'

Signature




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