

GOVERNMENT OF KERALA

<u>Abstract</u>

Environment Department - Annual Plan 2024-25- Implementation of Plan Schemes - Administrative Sanction accorded - Orders issued.

ENVIRONMENT (A) DEPARTMENT

G.O.(Ms)No.2/2024/Envt

Dated, Thiruvananthapuram, 24/05/2024.

Read: 1. Letter No.46/KSBB/2023 dated 04.04.2024 from the Member Secretary, Kerala State Biodiversity Board.

2. Letter No.KSCCAM/12/2024-CRO dated 06.04.2024 & 02.05.2024 from the Chief Resilience Officer, Office of Kerala State Climate Change Adaptation Mission.

3. Letter No. KSPCB/842/2023-CEE dated 08.04.2024 from the Member Secretary, Kerala State Pollution Control Board.

4. Letter No.DoECC/E3/127/2024 dated 09.04.2024 from the Director Environment & Climate Change.

5. Minutes of the meeting of Departmental Working Group held on 16.04.2024.

ORDER

As per the letters read above, the Member Secretary, Kerala State Biodiversity Board, the Director, Environment & Climate Change, Member Secretary, Kerala State Pollution Control Board and Chief Resilience Officer, Office of Kerala State Climate Change Adaptation Mission have submitted proposals for according Administrative Sanction under Annual Plan 2024-25 for implementation of Plan Schemes by utilizing current year's budget provision.

2) The Departmental Working Group of Environment Department held on 16.04.2024 scrutinized the proposals in detail and recommended the following schemes for Administrative Sanction as detailed in the minutes read above, subject to specific conditions. The details of the scheme and component wise break up are as follows:

Directorate of Environment & Climate Change

Sl. No	Name of Scheme	Head of Accou nt	Budget Estimat es 2024-	Name of component	Perio d (in year)	Amount to which Administrat ive Sanction accorded
	3007	*	25 (in			for the
		i i	Lakhs)	The same of the sa		component

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I	Department of	0.405		+				(in Lakhs
1	Department of Environment &	3435	- 50 Lakh	0 Lakh 1. Installation of AC(2)			1 5 Lakhs	
	Climate Change			2.	KFon Connection	ection		1 2.50 Lakhs
	Strengthening	89		So	Purchase of Compu ftware & Antivirus : installation of Interc	Software		1 5 Lakhs
				4.]	IMG Work Study		1	6 Lakhs
				5. I Pre	Paristhithi Bhavan(E paration)	PR	1	10 Lakhs
-					Total			26.82 Lak (NB:- An amount o Rs. 1.68 Lakhs expenditur has alread occurred(28 5-1.68= 26.82))
	Awareness and Education 0	3435- 03-	120 I	1. B	hoomithrasena Club	S	1	55 Lakhs
		003- 98		Sl. No.	Item .	Amou nt in Lakhs		
				i	Establishment of new clubs	10		
				ii	Recurring Grant for existing clubs	35		
				iii	Best Bhoomithrasena Club Awards	2.5		
				iv	Salaray for Programme Co- ordinator @ ₹ 36,000/- per month	4.32		
				V	Expenses for organizing capacity-building programmes & contests	3.18		
					TOTAL	55		
			2.]	Paar	risthithikam		1	30 Lakhs
			3. O		ervance of nmentally Significa		1	5 Lakhs

				Days				
				Award enviro	isthithimithram State ls and other onmental incentives ammes	e level	1	6 Lakhs
				Sensit includ	er Environmental ization Programs ing the Web Portal & e App	k	1	24 Lakhs
					Total			119.64 Lakh (NB:- An amount of Rs. 36000 expenditure has already occurred(12 0,00,000- 36,000/- =119,64,00
III	Environmental Research and Development	3435- 03- 103-	200 Lakh	resear	isthithiposhini ongo ch fellowship amme (for recurring		1	0/-)) 31 Lakhs
B*		99			hyaposhini students vship programme ring)		1	5 Lakhs
				<u> </u>	nd for New research		1	35.54Lakhs
				-	curring fund for ong	oing	1	25.13
				Sl. No.	Item	Amo unt in Lakh s		
				i	Novel cost- effective & Eco- friendly cellulose nano fibre(CNF) based poly electrolyte micro filtration filter for small-scale waste water purification.	3,04,7 53/-		
				ii	Species inventory, distribution &	4,82,4 91/-		

	exploitation pattern of fish faunal resources of Kol wetlands
ii	i Investigation of shoreline stability along Kerala Coast using geospatial technologies for sustainable coastal protection measures
iv	Sustainable green composites based on waste and natural resources
V	Development of desalination system using selectively patterned solar absorber
vi	Assessment, 3,13,2 Mapping & 00/- preparation of database on spatial distribution, status and baseline features of granite and other crystalline rock quarries in TVM, Kollam, & Pathanamthitta district
	Mapping the spatial 3,01,7 distribution of rock 20/- quarries in Ernakulam, Kottayam, & Idukki districts
a	Novel composites of natural rubber 7/- nd rice husk nano silica for green tyres-synthesis, haracterization & property evaluation.
	Clean & Green 82,00 Technology for 0/- atter purification.

					TOTAL	25,12, 754/-	†	
					o-spatial laborato y at DoECC (Re			30.74
		_			Total			127.41 Lakh
IV	Climate Change	3435- 04- 104- 98	192 Lakh		wal -post Doctor vship(New & rec		1	24 Lakh
	-			2. Sta	ate Climate Char	nge Cell	1	36.6
				Sl. No.	Item	Amount in Lakhs		
				i	One project scientist @ 44,020/-per month	5.28		1
				ii	One research officer @ 36,000/- per month	4.32		
			-	iii	Purchase of computer & accessories	1.0	,	
		v	iv	Climate Change knowledge resources platform	26			
					Total	36.6		9
				3. Re	curring Funds fo	r ongoing	1	31
		2	Sl. No.	Item	Amoun t in Lakhs		8	
				i	Traditional ecological knowledge & climate resilien			
				ii	Reassessing insect assembla after three decades to decipher clima change induce impact in the Southern Wes	te d		
	1		1 54	- 11	Ghats			9.5-195

		SO LAKN	Sl. No	Item Developmedrought tol	ent of §	Amoun t in Lakhs 5,25,00 0/-	1	22 Lakhs
V		30 Lakh	1 D	Tot				143.6 Lakh
			4. N	ew Projects	2-2		1	52
				Total	30.7	3701		
				Explora Harmfu Blooms (in the s river: Achanl Pamba associ reservoir special re to climate	Algal (HABs) acred s of covil, and ated es with ference	4.5914 0		
				studies effect of change morph pheno- reprod biology ende	s on the climatic s on the cology, logy & luctive of some emic erals of m West	1.668	1	
				enhanc Kallad through partic	oration oversity ement of dariver Peoples ipatory amme	f		

Climate Resilient	3435-		fertilization		-		
Farming	03-103- 97	ii	Creation of Miyawaki model forest demonstration unit at Krishi Vigyan Kendra, Palakkad	2,20,00			
		iii	A Miyawaki model approach for developing forest in MG University Campus.	3,25,20 0/-		ā	
		iv	Conservation of germplasm & developing climate resilient black pepper varieties for sustainable farming.	1,28,80 0/-			
		V	Adaptation & mitigation strategies for combating climate change effects on mango production in Muthalamada Panchayat of Palakad district	1,44,00 0/-			
		vi	Assessment of climate resilient protocol for sustainable rice production for the drought prone agro ecological zones of southern districts with special emphasis on rhizosphere & phyllosphere engineering.	2,07,00 0/-		7	
		vii	Drought stress management approaches for black pepper plantations in drought prone areas of Kannur	5,16,70 0/-			

			T					
				-	district.			
				viii	Conservation of gene pool of traditional mango varieties of South Kerala for Climate resilient farming			
			50		Total	21,95,5 00/-		
				2. N	ew Projects		1	8 Lakhs
				То	tal			30 Lakh
VI	State Wetland Authority Kerala (SWAK)	3435- 03-101- 89	150 Lakhs	1. Acof SV	lministrative Functi WAK	oning	1	48 Lakhs
				Sl. No.	Item	Amor nt in Lakh		
				ii In o coording in reconstruction transfer in transfe	contract staff project scientist, da entry operato wetland specialis wetland analys project assistants i) Project Scientist(2) -1x36000x12=4,32,000/- ii) Data entro operator (1) 1x21175x12=2,54,100/- iii) Wetland opecialist(2) 2x36000x12= 864000 v) Wetland analyst 22)- 1x31290x12=750960 v) Project Assistants 2x20350x12= 88400	or, st, st, st, st, st, st, st, st, st, st		

					$\overline{}$		
	· · · · · · · · · · · · · · · · · · ·			meetings, engaginterns and ot activities includisite inspection, and other fiexpenses.	her ing		
			Tota	material development a purchase of printe stationeries etc.	veb Lakh pp, & CT	S	
		-			Lakh	s	
	2	= 1	Muni Kolla (Impi inclue food	estainable Rejuvena coethuruth Islan em District coved livelihood p ding agriculture, f processing units, andry etc)	oractices isheries,	1	5 Lakhs
	-		(Con	nplementation of V servation & Mana s, 2017		1	30 Lakhs
		2	Sl. No.	Item	Amou nt in Lakhs	1 1 712	
			i		20 Lakhs		
			ii	Wetland boundary demarcation for selected wetlands	10 Lakhs		

	in field placing (tagged pillars	by Geo		
	Total	30 Lakhs		
augi Can wetl	Wetland educamentation and disapaigns (in line land campaigns EFF&CC, Govt.	ssemination with save	1	39 Lakhs
Sl. No	Item	Amount in Lakhs		
	Awareness campaign among students and other stakeholders including signage board installation and development of resource material, activities for designating new ramsar sites, world wetland day observance	15 Lakhs		
ii cc v m uu ss n iir li p	Setting up and maintenance of ramsar nterpretation centers, wetland management units, including taff salaries, secessary of rastructures ke laptops, rinters, rental harges, ramsar ignage boards	20 Lakhs		
iii T		Lakhs		

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				1	various wetland conservation and management activities Total	39 Lakhs		
				Actio of Actio as (Cons	evision of M n Plan (MAP)/ I Integrated M n Plans (IMP) o per the servation gement) rules	Preparation anagement	1	28 Lakhs
	-			Sl. No.	Item	Amount in Lakhs		
				i	MAP Revision/ IMP Preparation of Ashtamudi Wetland (recurring)	10 Lakhs		
				ii	IMP Preparation of Vellayani and other wetlands getting notified(recurr ing)	18 Lakhs		
					Total	28 Lakhs		ai I
		,		1		GRAN	D TOTA	L = 150 Lakh
VII	Kerala Coastal Zone Management Authority (KCZMA)	3435- 03-102- 87	120 Lakhs	1	bers Thiruvanaı	KCZMA	1	20 Lakhs
				ii) Ko iii) A iv) E v) Ko	ollam - 2,00,000 lappuzha- 2,00,0 rnakulam- 2,00,0 ottayam -2,00,00	000/- 000/- 0/-	1 1 3	
	;e .			vii) M viii) I ix) K x) Ka	hrissur -2,00,000 Malappuram - 2,0 Kozhikode - 2,00 annur - 2,00,000 asargod - 2,00,00 AL - 20 Lakhs	00,000/- 0,000/- 0/-		
					emuneration and act/ daily wage s	Page 1	1	20 Lakhs

				i) Data Entry Operator @ Rs 755/per day(Max. Rs.20385/per month)- 4Nosx12 = 9,78,480/-	r	
				ii) Office Attendant @ Rs. 675/per day (Max. 18,225/per month)- 1 Nos x12= 2,18,700/-	-	
				iii) Anticipatory amount for daily waged staff for scanning files to start e-office – 4Nos @ Rs. 755x4 x 12(Max. Rs. 20385/month-) = 9,78,480/-		
				3. Professional fee for court cases on High Court & NGT	1	12 Lakhs
				4. Conducting Supreme Court Cases(in special cases)	1	5 Lakhs
				5. Hiring of vehicles	1	6.5 Lakhs
				6. Purchase of Electronic gadgets including computer, laptops, printers, UPS etc.	1	5 Lakhs
				7. Sitting fee for KCZMA members	1	5 Lakhs
				8. Printing & Stationery	1	2 Lakhs
				9. Postage stamps	1	2 Lakhs
				10. KZMA meeting expenses	1	2 lakhs
				11. Purchase of books/ journals	1	0.5 Lakhs
				12. Other office expenses	1	1 Lakhs
				13. Developing mobile app	1	10 Lakhs
				14. Printing of Coastal zone management plan maps	1	10 Lakhs
				15. Training to the personnel, local bodies regarding the coastal regulations, publishing malayalam handbook regarding the coastal regulations -	1	5 Lakhs
				Total		106 Lakhs
/II	State Environment Impact Assessment Authority (SEIAA), Kerala	04-104-	160 Lakhs	1. Salary/ contract pay/ wages i) Administrator 12 months salary = 17,16,372/-	=	106 Lakhs
				ii) Legal Officer 12 months salary=15,76,724/-	=	

		iii) Accountant 12 months salary = 15,46,240/- iv) Project Scientist(4) – 12 months salary= 17,28,000/- v) Technical Assistants(2)- 12 months salary =8,64,000/- vi) Environment Officer – 12 months salary =5,28,240/- vii) Assistant Environment Officer (2)– 12 months salary =8,64,000/- viii) Data Entry Operator(2) – 12 months salary = 2,54,100/- ix) Office Assistant (Daily Wage-3) – 12 months salary =4,41,360/- x) Office Attendant -Daily wage (1)- 12 months salary =2,20,680/- xi) Office Attendant 12 months salary =2,20,680/- xii) Binder (1)- 12 months salary = 4,41,360/- xiii) Casual Sweeper(1)- 12 months salary = 96,000/-	
		2. Fee for the Standing Counsels (High Court & NGT)	13.40 Lakhs
		3. Honorarium to Chairman (SEIAA & SEAC)	12 Lakhs
	·	4. Traveling expenses of members (SEIAA & SEAC)	12 Lakhs
	-	5. Sitting fee to members (SEIAA & SEAC)	32 Lakhs
		6. Meeting expenses including accommodation to members	8.50 Lakhs
_		7. Training Programmes	1.60 Lakhs
-		8. Office Expenses	4.50 Lakhs
		Total	128 Lakhs
			(NB:- Budget allocation is only 160 Lakhs among which an amount of Rs. 32 Lakhs has been granted as

	1 st installment
	160-
	32=128)
GRAND TOTAL	831.47 Lakhs

Kerala State Biodiversity Board

SI. No	Name of Scheme	Head of Account	Budget Estimates 2024-25 (in Lakhs)	Name of component	Period (in year)	Amount to which Administrative Sanction accorded for the component, (in Lakhs)		
Ι	Biodiversity conservation	3435- 03-101- 99	1050 Lakh	1. Preparation of Local Biodiversity Strategy & Action Plan (LBSAP) through BMCs	1	46 Lakhs		
				2. Strengthening of BMCs through conducting various Awareness & Training Programmes	1	79 Lakhs		
				3. Ex-situ conservatories of threatened plant species	1	20 Lakhs		
				4. Wild edible leafy gardens in schools: a sustainable model for food security & diversity in selected schools of Kerala.	1	10 Lakhs		
				5. Restoration of degraded ecosystem hrough BMCs	1	25 Lakhs		
			6. Local agro- biodiversity heritage system of Kerala: Documentation & conservation	1	12 Lakhs			
						h tl se	7. Establishment of high density forest with hreaten tree species in elected Govt.	1 1

				8. Marine biodiversity & associated knowledge register for coastal biodiversity management with community participation	1	30 Lakhs
2		P a		9. Empowering custodian farmers for agro-biodiversity conservation	1	30 Lakhs
		٠		TOTAL		262 Lakhs
II	Sustainable use of Bioresources & Acess & Benefits sharing	3435- 03-101- 99		1. Ecological impact and value addition assessment for sustainable management of invasive Nymphaea species in the wetlands of Kerala	1	28 Lakhs
			3 X	2. Kerala Traditional knowledge digital library	1	37 Lakhs
					3. Capacity building for implementation of the biological diversity(amendment) Act 2023	1
				4. Conservation of inland aquatic biodiversity and establishment of breeding centers for prospective fishes at selected centers of upper reaches of Kerala as a hybrid mechanism for generating income for native people and fish conservation	1	10 Lakhs
				TOTAL		85 Lakhs
III	Biodiversity	3435- 03-101-		Biodiversity fellowships	1	39 Lakhs
	research & knowledge hub			2. A comprehensive study of the extinction of microbes, butterflies,	1	10 Lakhs

			birds, wild anima and changes in ecosystem due to environmental pol at Sabarimala.		
			3. Development of propagation metho selected riparian pl	ds on	50 Lakhs
			4. Survey and documentation of microbial biodivers in outside protected areas of Kerala.	sity d	15 Lakhs
			5. Survey, documentation an e situ Conservation o lesser-non wild endemic plants of Kerala with orname potential	f	5 Lakhs
			6. Studies on the bi of the selected sacre groves of Thiruvananthapuran district	ed	10 Lakhs
			7. Monitoring of damaged marine ecosystems through identification and removal of ghost fishing nets in the selected potential fishing zones of Trivandrum coast	1	10 Lakhs
			8. Green auditing at local self Govt. bodies(Panchayath/Blocks)	1	10 Lakhs
			9. Ecological restoration and agro biodiversity conservation at Collegof Agriculture, Vellayani	1 ge	50 Lakhs
-			Total		199 Lakh
V	Strengthenin g Biodiversity Board and	3435- 03-101- 99	1. Kerala State Biodiversity Conservation Awards	1	10 Lakhs
	Public		2. Biodiversity awareness, training an	d 1	20 Lakhs

	education		
	3. Biodiversity Congress	1	20 Lakhs
	4. Kerala Biodiversity information system and user friendly dashboard.	1	5 Lakhs
9	5. Agrodiversity center at Pinarayi	1	250 Lakhs
,	6. Kerala Biodiversity Museum	1	52 Lakhs
	7. State biodiversity fund	1	50 Lakhs
	8. Infrastructure and operational costs of KSBB head office	1	97 Lakhs
		TOTAL	504 Lakhs
GRAND TOTAL (I+	II+III+IV)		1050 Lakhs
	GRAND TOTAL (I+1	3. Biodiversity Congress 4. Kerala Biodiversity information system and user friendly dashboard. 5. Agrodiversity center at Pinarayi 6. Kerala Biodiversity Museum 7. State biodiversity fund 8. Infrastructure and operational costs of	3. Biodiversity Congress 4. Kerala Biodiversity information system and user friendly dashboard. 5. Agrodiversity center at Pinarayi 6. Kerala Biodiversity Museum 7. State biodiversity fund 8. Infrastructure and operational costs of KSBB head office TOTAL

Kerala State Pollution Control Board

Sl No.	Name of Scheme	Head of Account	Budget Estimates 2024-25 (in Lakhs)	Name of Component	Amount to which Administrative Sanction accorded for the component. (in Lakhs)
I	Infrastructure upgradation	3435-04- 188-99	300 Lakhs	1. Strengthening of Boards Laboratories	150.10 Lakhs
				2. Upgradation of IT Cell of the Board into State Level Data Center	85.40 Lakhs
				TOTAL	235.5 Lakhs
II	Public Awareness	3435-04- 188-99		1. Training of Stakeholders on Rules /Environmental issue	5 Lakhs
	-			2. Awareness programmes	10 Lakhs

		GRAND TOTAL	(I+II+III+IV)	300 Lakhs
			TOTAL	5 Lakhs
V	Capacity Building	3435-04- 188-99		5 Lakhs
			TOTAL	44.5 Lakhs
			2. Surveillance of Sabarimala	20 Lakhs
III	Environment Monitoring & Management	3435-04- 188-99	1. Ambient Air & Water Quality Monitoring Programme	24.5 Lakhs
			TOTAL	15 Lakhs

KERALA STATE CLIMATE CHANGE ADAPTATION MISSION (KSCCAM)

Sl. No			Budg et Estim ates 2024- 25 (in Lakhs	or component	Period (in year)	Amount to which Administrat ive Sanction accorded for the component (in Lakhs)
I	Establishm ent of KSCCAM	00 100	1000	1. Salary wages & other allowances	1	10 Lakhs
AT UN				2. Setting up of temporary office space	1	4.5 Lakhs
				3. Cost of office expenditure including printing and stationery & logo design	1	2.0 Lakhs
				4. Recruitment expenditure	1	6.5 Lakhs
				5. Internet and telephone /website	1	2.0 Lakhs
				TOTAL		25 Lakhs
II	Kerala Climate	3435- 03-103-		1. Venue arrangements	1	7 Lakhs
	Cimate	03-103-		2. Food & accommodation	1	18.5 Lakhs

Cha		94	3. Publicity & advertisement		1	4 Lakhs	
	ferenc 24-25			4. Transportation		1	6.5 Lakhs
e 20	E 2024-25			5. Media and Telecasts		1	6.0 Lakhs
				6. Communication and Interne	et	1	3.0 Lakhs
			à	7. Registration and website		1	4 Lakhs
				8. Stationery & Printing		1	3 Lakhs
				9. Conference material		1	3 Lakhs
				10. Honorarium & gifts		1	2 Lakhs
				11. Ticketing & TA		1	8 Lakhs
				TOTAL			65 Lakhs
	Kerala Climate change dialogue series 2024-25(3 dialogues)	3435- 03-103- 94		1. Venue arrangements		1	1.5 Lakhs
				2. Food & accommodation		1	4.5 Lakhs
				3. Transportation		1	0.50 Lakhs
				4. Media & telecasts		1	1.0 Lakhs
				5. Communication and Intern	et	1	0.25 Lakhs
	8			6. Registration and website		1	0.5 Lakhs
			=	7. Stationery & Printing		1	0.25 Lakhs
				8. Conference material		1	1.0 Lakhs
				9. Honorarium & gifts		1	0.5 Lakhs
				TOTAL			10 Lakhs
= =		= ==		GRAND TOTAL			100Lakhs

- 3) Having considered the above proposals in detail, Government are pleased to accord Administrative Sanction to the Directorate of Environment & Climate Change, Kerala State Biodiversity Board, Kerala State Pollution Control Board and Kerala State Climate Change Adaptation Mission for implementation of the above projects as recommended by the Working Group for a total amount of Rs.831.47 Lakh (Rupees Eight Hundred Thirty One Lakh Forty Seven Thousand only), Rs.1050 Lakh (Rupees One Thousand Fifty Lakh only), Rs.300 Lakh (Rupees Three Hundred Lakh only) and Rs. 100 Lakhs (Rupees One Hundred Lakhs Only) respectively by debiting the expenditure from the respective head of accounts during the year 2024-25.
- 4) The Director, Environment & Climate Change, Member Secretary, Kerala State Biodiversity Board, Member Secretary, Kerala State Pollution Control Board and Chief Resilience Officer, Kerala State Climate Change Adaptation Mission will strictly monitor the implementation of plan schemes at each stage and they will furnish physical and financial progress reports to Government before 10th of every month.

- 5) The above sanction is subject to the following further conditions:
 - (i) Tender/e-tender and other required formalities shall be followed wherever necessary.
 - (ii) Stores Purchase Rules shall be strictly adhered to.
 - (iii) For civil works PWD schedule of rates shall be followed.
 - (iv) Hiring of vehicle must be done after prior approval from Finance Department.
 - (v) Regarding the continuation of the daily/contract staff prior approval of Government should be obtained.
 - (vi)The funds releasing will be based on actual requirement.

(By order of the Governor)

DR. RATHAN U KELKAR SECRETARY

To

The Member Secretary, Kerala State Planning Board, Thiruvananthapuram.

The Director, Environment & Climate Change, Thiruvananthapuram.

The Member Secretary, Kerala State Biodiversity Board, Thiruvananthapuram

The Member Secretary, Kerala State Pollution Control Board, Thiruvananthapuram

The Chief Resilience Officer, Kerala State Climate Change Adaptation Mission

The Principal Accountant General (A&E/Audit) Kerala, Thiruvananthapuram.

The Finance Department.

The Planning and Economic Affairs Department.

The Director, Information & Public Relations (Web & New Media)

Department, (for uploading in the Government Website)

Stock file/ Office copy.(A1/65/2024/Envt)

Forwarded/By order

Section Officer