



सत्यमेव जयते

**National Compensatory Afforestation Fund
Management and Planning Authority
(National CAMPA)**

Ministry of Environment, Forest and Climate Change

Government of India



**Agenda Notes (Provisional) for the 21st Meeting of
the Executive Committee of National Authority**

on

02.02.2023

**Provisional Agenda Items for 21st meeting of the Executive Committee of
the National Authority to be held on 02.02.2023**

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Agenda item No. 1.

Agenda Item No. 1: Confirmation of Minutes of 20th meeting of Executive Committee of National Authority

Minutes of the 20th Meeting of Executive Committee of National Authority circulated vide OM of even No. dated 08.12.2022 is placed before Executive Committee for Confirmation. The Minutes of meeting of 20th Executive Committee is placed at **Annexure-I**.

Agenda item No. 2.

Agenda Item No. 2: Action Taken on 20th meeting of the Executive Committee of the National Authority.

Sl.No	DECISIONS	ACTION TAKEN
1	The 20 th meeting of the Executive Committee (EC) of the National Authority was held on the 9 th November 2022 under the chairmanship of the Director General of Forests & Special Secretary (DGF&SS), MoEF&CC, and Chairperson, Executive Committee of the National Authority.	Directions/Minutes of meetings were communicated to all States/UTs vide OM dated 08.12.2022. Sanction orders to respective States/UTs and Institutions issued separately.
2	The CEO National Authority informed that some of the States/ UTs are not releasing CAMPA Funds for taking up the CAMPA works/ activities as per the approved APO which is affecting the time-bound and linked to compliance of FC approvals. The Chairman directed CEO, NA to put up details of States/UTs for seeking their attention on long delays in releasing CAMPA funds and ensuring timely release as the APOs have been approved for all the States timely.	DGF&SS has written to all Chief Secretaries of States/UTs vide DO dated 21 st November 2021 for ensuring timely release of funds for implementation of approved CAMPA activities as approved in the Annual Plan of Operations. The letter placed at Annexure II .
3	The EC directed States/UTs for completing the works approved in APO within the year and avoid any spill over for the next year. It was emphasized to complete mandatory activities first and utilize the released funds for maintenance of CAMPA activities under NPV and Interest Component before starting new activities.	A virtual meeting was organised by the CEO, National Authority with the CEOs, States/UTs on 13.12.2022 to avoid any spill over for the next year. He also directed the States/UTs on the completion of mandatory activities first and utilize the released funds. The minutes of the meeting is placed at Annexure III
4.	The Chairman directed CEOs of States/UT Authorities to work out details of funds available with the State CAMPA	Directions are communicated to all States/UTs vide OM dated

	head-wise under CA/CAT/Wildlife Mitigation Plan, NPV and Interest Component, etc	20.01.2023 placed at Annexure IV
PART A. APPROVAL OF DEFERRED ACTIVITIES OF ANNUAL PLANS OF OPERATIONS 2022-2023		
5.	Andaman and Nicobar Islands	Sanction order dated 9.12.2022 has been communicated to concerned States/UTs.
	Arunachal Pradesh	
	Assam	
	Chhattisgarh	
	Jammu & Kashmir	
	Odisha	
	Punjab	
	Sikkim	
Uttarakhand		
PART B: APPROVAL/ DECISION ON SCHEMES AND OTHER ITEMS SEEKING FINANCIAL SUPPORT FROM THE NATIONAL FUND OF CAMPA		
6	1. Project Proposal of Nagaland State CAMPA for transitioning from shifting to settled land use seeking support from National Fund. Decision: The EC did not approve the project proposal. Further the Committee decided and directed that the project of restoration of shifting cultivation through afforestation/ agroforestry and settled land use, a pilot project should be prepared by Rain Forest Research Institute (RFRI), Jorhat of ICRE covering various States of North Eastern Region.	Directions/Minutes of meetings were communicated to all States/UTs vide OM dated 08.12.2022
	2. Project Proposal submitted by ICFRE on development of multilingual mobile application for enhancing Agroforestry to benefit tree growers with a total cost of Rs. 0.35 core for a period of one year/ Decision: The EC recommended the project proposal for the approval of the Governing Body of the National Authority with the cost of Rs. 0.35 crores for period of one year under the provisions of Section 5(b)(iii) of the CAF Act, 2016. Monitoring the progress and implementation of the project will be the responsibility of the Forest Policy Division of the Ministry.	Directions/Minutes of meetings were communicated to the Program Division and ICFRE vide OM dated 08.12.2022 for necessary action. The proposal has been submitted for approval of Governing Body.
	3. Project Proposal by ICFRE on the operationalization of Centre of Excellence on Sustainable Land Use Decision: The proposal was withdrawn from the Agenda by ICFRE	Directions/Minutes of meetings were communicated to the Program Division and ICFRE vide OM dated 08.12.2022
	4. Project Proposal by ICFRE on Infrastructural Up-Grading of Capital assets with a total cost of Rs. 16.84 crores.	Directions/Minutes of meetings were communicated to the Program Division and ICFRE vide OM dated 08.12.2022

	Decision: The proposal was deliberated in detail and deferred for details.	
	<p>5. Project Proposal by ICFRE on implementation of Human Resource and Financial Management System (HFMS) at ICFRE Dehradun with a total cost of Rs. 8.29 crore for a period of five years.</p> <p>Decision: The EC deliberated the project proposal. ICFRE was asked to examine the possibility of on-boarding DoPT portal for sparrow and e-HRMS</p>	Directions/Minutes of meetings were communicated to the Program Division and ICFRE vide OM dated 08.12.2022
	<p>6. Project proposal by ICFRE on Livelihood improvement of Forest dependent communities through resource survey, sustainable harvesting and market linkages of commercially important NTFPs with a total cost of Rs. 9.93 crore for a period of four years.</p> <p>Decision: The EC deferred the project for details on earlier studies by ICFRE on NTFPs and their extension for undertaking conservation and promotion of NTFPs in collaboration with State Forest Departments</p>	Directions/Minutes of meetings were communicated to the Program Division and ICFRE vide OM dated 08.12.2022
	<p>7. Project proposal submitted by Forest Survey of India, MOEF&CC</p> <ol style="list-style-type: none"> 1. Climate Change Studies and Monitoring of Incremental Carbon Stock 2. eGreenwatch 3. Web GIS based Decision Support System (DSS) for Forest Clearance 4. Forest Fire Monitoring including burnt area assessment 5. Above Ground Biomass (AGB) estimation using synthetic aperture radar (SAR) data 6. Deforestation Alert System 7. LiDAR for forestry applications <p>Decision: The EC decided that the proposal should be examined by the Survey and Utilization Division of the Ministry and forwarded to EC after clear recommendations/ suggestions.</p>	<p>Directions/Minutes of meetings were communicated to the Program Division and ICFRE vide OM dated 08.12.2022</p> <p>Proposal is yet to be received from Survey and Utilization Division of MoEF&CC</p>
	<p>8. Roll out and preparedness of States for using National Transit Pass System (NTPS) submitted by Institute of Wood Science and Technology, Bangalore in collaboration with National Informatics Centre, Forest & Climate Change Informatics Division.</p> <p>Decision: The EC deliberated the details of the project and recommended the project proposal for the approval of the</p>	<p>Directions/Minutes of meetings were communicated to the Program Division and ICFRE vide OM dated 08.12.2022.</p> <p>The file is being processed for approval of Governing Body</p>

	Governing Body of the National Authority with a cost of Rs. 4.67 crores for a period of three years under the provisions of Section 5(b)(iii) of the CAF Act, 2016. Monitoring the progress and implementation of the project will be the responsibilities of Forest Policy Division of the Ministry.	
PART C: ANY OTHER MATTER WITH THE PERMISSION OF THE CHAIR		
1.	<p>Project on Establishment of Model Nursery</p> <p>Decision: The EC recommended the proposal and desired that States/UTs should propose at least one such nursery in each division in the Annual Plan of Operation. The States not having sufficient CAMPA can propose such nurseries from the CAMPA Fund on sharing basis with the State Fund. It is proposed that each Model Nursery should have the capacity for at least 10 lakh saplings. The nurseries should have all essential components vis. proper layout for beds and paths for transportation, fencing, essential infrastructure of Greenhouse/ polyhouse/ shed-net, seed storage and sorting facility, composting units, basic amenities to the staff and workers, training facilities, etc. Financial support may be considered from the National Fund especially for Capacity Building and non-recurring nature of expenditure.</p>	The information about the number of nurseries and plants available has been received and placed for information at Annexure V. The details of nurseries division wise and location wise is not yet received from the States/UTs. Proposal about setting up of Model nurseries was invited by OM dated 4.01.2023. Only Chhattisgarh information has been received and placed for perusal/ direction at Annexure V.
2.	<p>Technical manpower engaged on contractual basis through NICS I under the yearly maintenance, up gradation and FC module and handholding support of PARIVESH portal</p> <p>Decision: The EC decided that CEO, National Authority can approach NICS I/GEM for engaging contractual staff of National Authority.</p>	Action is being taken.

Agenda item No. 3.

Agenda Item No.3: Update on Action Taken Report on Second Meeting of Governing Body of National CAMPA AS ON 24.01.2023

The approved minutes of Second Governing Body meeting of the National Authority have been circulated on 28.10.2022

Sl. No.	Action point emerging	Status
1.	<p>Review of progress of Schemes/Projects implemented by various Institutions (FSI, ICFRE, WII, IUCN, UCOST, BNHS etc.) from National fund.</p> <p>HMEF&CC desired that a committee headed by DGF&SS should review the progress and suggest measures for improvement in implementation for achievement of desired outcomes.</p> <p>HMEF&CC directed that AS&FA should monitor for financial progress of various Schemes/Projects.</p>	<ol style="list-style-type: none">1. A meeting was held with ADG (WL) & IG (WL) on 13.10.2022 on the projects being implemented by WII. The ADG wildlife is taking further action in the matter.2. ADG (GIM) has been requested to review proposals of Nagar Van/Nagar Vatika and School Nursery Yojana and expedite progress of both Schemes and apprise National Authority.3. A meeting was chaired by DGF&SS on 13.10.2022 on the projects implemented/proposed by FSI.4. On 08.11.2022, FSI has submitted the revised proposal on Centre of Excellence and it was placed in the 20th Executive Committee meeting for consideration. The EC has asked SU Division (Programme Division) of the Ministry to examine the proposal and recommend for consideration of National Authority.5. DGF&SS has written to Chief Secretaries of all States/UTs seeking their attention on long delays in releasing CAMPA funds and ensuring timely release.6. The Project Monitoring Committee Meeting was held on 29.11.2022, 30.11.2022 and later on 12.01.2023 again for ICFRE and other remaining institutions under the chairmanship of DGF&SS to review the progress of schemes and utilization of funds. AS&FA is also a member of the Committee headed by DGF&SS for review of the progress of schemes/ projects and monitoring of expenditure. Each project/Schemes was discussed in detail. The concerned Programme Divisions and implementing agencies have been asked to

		expedite the progress of implementation of Schemes/ projects and utilisation of funds as per the approved outcomes and objectives of the schemes/project.
3.	HMEF&CC desired that Monitoring Group should monitor CAMPA activities and submit its report in next GB Meeting.	The 6 th Meeting of Monitoring Group was held on 27.10.2022 at FSI, Dehradun. The minutes of the meeting of Monitoring Group received on 14.11.2022 (copy enclosed). Action on the decisions taken in the Monitoring Group is being taken. FSI has been allowed to spend remaining Rs. 83 lakh for initiating the work on monitoring.
4.	Strengthening of National Authority by Setting up of Programme Management Consultancy Unit for supporting National Authority, CAMPA.	The matter was discussed with Director, IIFM Bhopal. The Director, IIFM has been requested to send the proposal for setting up of PMC & NMEC. The Director IIFM has submitted proposal for setting up of PMC & NMEC on 19.12.2022.
5.	Setting up of National Monitoring and evaluation cell for supporting National Authority CAMPA & Monitoring Group to monitor CAMPA activities.	The proposal will be placed before the next Executive Committee of the National Authority for its consideration.
6.	Balance sheets and the Annual Accounts of National Authority for the four years (2018-19, 2019-20, 2020-21 & 2021-22) were placed before Governing body for approval and placing these accounts for C&AG Audit.	The comments on the Annual Accounts of four years (2018-19, 2019-20, 2020-21 & 2021-22) were received from DG Audit of C&AG Office and the replies on their comments have been submitted for consideration. Certification Report has been received from C&AG on 10.11.2022. All necessary action has been taken and there is no pendency.
7.	Preparation of Integrated Annual Plan of Operations (APOs) for CAMPA by States/UTs.	The relevant formats of integrated APOs have been circulated to States/UTs for comments and submission of APOs. The State Authorities of Chhattisgarh and Chandigarh have submitted the integrated APOs till date and will be placed before the next Executive Committee Meeting.
8.i	Action Taken Note on C&AG Audit Report 21/2013 was submitted to C&AG. The final	1. From the observations of C&AG, no comments have been offered on 50 paras related to central portion of National Authority.

	observations of C&AG have been received.	2. Pending ATNs for 30 States have been sent to concern States/UTs for their revised replies/comments. 3. Pending 62 paras of ATN related to FC Division of the Ministry sent for comments of the replies/comments. 4. Hindi version of ATN on C&AG Report no. 21/2013 is under translation is being uploaded on APMS portal.
8.ii	Outstanding Para No. 11 of PAC Report of 58 th Report of 16 th Lok Sabha based on C&AG Report No. 21 of 2013.	DG, C&AG vide their letter dated 20.01.2023 has confirmed that they have no further comments on the replies of National Authority. Hindi Translation is being uploaded.
9.	Extensive greening in mission mode by scaling up production of quality planting materials. Developing Model Nurseries in Forest Divisions/ Ranges and capacity building/ training of field staff in plant propagation techniques.	Proposal for establishment of Model Nursery was placed and discussed in the 20 th Executive Committee of the National Authority. The EC has suggested for comments from GIM Division. A letter has been written to States/UTs to provide detailed information about nurseries in the States/UTs division wise with Capacity of nursery and availability and good planting material in each nursery. Information from 10 states has been received. Other States/UTs are being pursued for providing the details of nurseries. Information about nurseries in the States/UTs division wise has been received & complied.
10.	Creation of posts of National Authority	The Proposal for creation of 21 posts of National Authority has been sent on 11.01.2023 to Department of expenditure, Ministry of Finance for consideration and approval.

3. National Authority has formed three teams in zone-wise for quick assessment of CAMPA activities carried out by State/UT and to ensure transparency, efficiency and effectiveness in utilization of CAMPA Fund vide OM dated(**Annexure VI**).

4. Upto the year 31.03.2022 State CAMPA Fund amounting to Rs.54,950.00 crores have been transferred.

5. Reconciliation of balances of CAMPA Funds with the States in respect of 35 States/UTs except State of Haryana (only head-wise reconciliation is remaining to be done) have been completed upto 31.03.2022. The total 90% balance amount of CAMPA Fund to be transferred to States/UTs is Rs.8806.54 crore during the period 2022-23.

Significant actions accomplished are given below:

1. Review of Schemes/Projects supported under National Fund has been undertaken by the Project Review Committee headed by DGF&SS.

2. 6th Meeting of Monitoring Group of the National Authority was held on 27.10.2022 at Forest Survey of India, Dehradun.
3. Certification Report on the Annual Accounts of four years (2018-19, 2019-20, 2020-21 & 2021-22) has been received from C&AG on 10.11.2022. All necessary action has been taken and there is no pendency.
4. National Authority has formed three teams in zone-wise for quick assessment of CAMPA activities carried out by State/UT and to ensure transparency, efficiency and effectiveness in utilization of CAMPA Fund.
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7. Proposal for establishment of Model Nursery was placed and discussed in the 20th Executive Committee of the National Authority. Detailed Information about nurseries in the States/UTs and division-wise has been received & compiled. there are 11,793 nurseries in the country (Pg.142-144/Cor) It is proposed to support one Model Nursery with adequate infrastructure like tissue culture lab, poly houses, mist chambers, seeds testing and storage facilities and trained staff in each District/ Forest Division for raising good quality plants for promotion of agro-forestry/ tree plantation outside forest based on agro-climatic zones. This scheme can be supported from National Fund for extensive greening of the country.
8. FSI has submitted a proposal for creation of Monitoring Cell at FSI to support Monitoring Group, which will be taken up for decision in the next EC meeting.
9. IIFM has submitted proposal for setting up of PMC and NMEC at National Authority, which will be placed in the next EC Meeting.

Agenda item No. 4.

**ANNUAL PLAN OF OPERATION (APO) OF CHANDIGARH UT CAMPA
FOR THE FINANCIAL YEAR 2023-24**

1. Date of Receipt:
2. Date of approval of EC of State/UT: **07.09.2022**
3. Date of approval of the Steering Committee: **19.09.2022**
4. Total Amount/Outlay: **153.99 Lakh**
5. Funds status with the State/UT along with outlay proposed:- **upto 31.12.2022**

(Amount in Rs. crores)

S.No	CAMPA Activity	Fund Available with the State/UT	Outlay proposed
1.	Mandatory Activity		
	CA/PCA/Additional CA	2.06	1.22
	Catchment Area Treatment Plan
	Integrated Wildlife Management Plan
	Others
2.	Net Present Value	2.85	0.19
3.	Interest	1.07	0.13
4.	Other Components

6. Funds released by State Government during the FY

(Amount in Rs. Crores)

Year	APO approved by National Authority during current financial year	Fund Released by State Government	Fund Utilised by State Authority	Total Outlay for the current year
2018-19	1.27	1.27	Fully utilised	1.27
2019-20	1.87	--	The work for the year 2019-20 and 2020-21 has been carried, but the funds pertaining to UTs could not be released.	The work for the year 2019-20 and 2020-21 has been carried, but the funds pertaining to UTs could not be released.
2020-21	2.26	--		
2021-22	3.60	5.14	Rs. 5.14 Crore has been received for the year 2019-20, 2020-21 and 2021-22 and it	Rs. 5.14 Crore has been received for the year 2019-20, 2020-21 and 2021-22 and it was utilized upto 31.03.2022

			was utilized upto 31.03.2022	
2022-23	1.56	1.56	The amount 83.25 Lakh has been utilized upto 30.11.2022 the remaining amount will be utilized by 31.03.2023	1.56

7. Status of Compensatory Afforestation

(Area In Ha.)

Afforestation required as per site specific scheme submitted along with approved proposal for diversion of forest land under FC Act, 1980 till 31.3.2022			Afforestation carried out in the State as per site specific scheme till 2022-23			Afforestation to be carried out 2023-24	Afforestation carried out percentage	Total Balance upto 2024-25
(CA)	(PCA)	(CA+PCA)	(CA)	(PCA)	(CA+PCA)	(CA+PCA)	(CA+PCA)	(CA+PCA)
110.80	0.00	110.80	110.80	0.00	110.80	----	---	---

8. Balance afforestation status

(Area in Ha.)

Balance Afforestation required as per FC Act (in ha.)	Balance Afforestation to be completed in Financial Year (in Ha)		
	2023-24	2024-25	2025-26
Only previous year maintenance	0	0	0

9. Details of APO are as under

(Amount in Rs. Crore and Area in Ha.)

S.No	CAF Act/Rules	Activity	Proposed outlay		Green Employment to be generated (in Mandays)	Page No.	Remarks
			Phy. Target	Fin. Target			

1.	Site-specific activities as per Section 6(a) of the CAF Act, 2016						
	Mandatory Activity	Compensatory Afforestation	Only previous year maintenance	1.22	29600	--	--
		Catchment Area Treatment Plan	--	--	--	--	--
		Integrated wildlife Management Plan	--	--	--	--	--
		Other	--	--	--	--	--
		Total site specific activities under CA	Only previous year maintenance	1.22	29600	--	--
2.	Activity as per Rule 5(2) of CAF Rules, 2018						
	5(2)a	ANR	--	--	--	--	--
	5(2)b	AR	--	--	--	--	--
	5(2)c	Silvicultural Operations	--	--	--	--	--
	5(2)d	Protection of Plantations and forests	--	--	--	--	--
	5(2)e	Pest and disease control in forests	--	--	--	--	--
	5(2)f	Forest fire prevention and control operations	--	--	--	--	--
	5(2)g	Soil and moisture conservation works	--	--	--	--	--
	5(2)h	Voluntary relocation of villages from protected areas	--	--	--	--	--
	5(2)i	Improvement of wildlife habitat	--	--	--	--	--
	5(2)j	Planting and rejuvenation of	--	--	--	--	--

		forest cover on non-forest land falling in wildlife corridors					
	5(2)k	Establishment, maintenance of animal rescue centre and veterinary treatment facilities for wild animals	--	--	--	--	--
	5(2)l	Supply of wood saving, cooking appliances and other forest produce saving devices.	--	--	--	--	--
	5(2)m	Management of biological diversity and biological resource	--	--	--	--	--
3.		Activities as per Rule 5(3) of the CAF Rule, 2018					
	5(3)a	Establishment, Maintenance of modern nurseries	--	--	--	--	--
	5(3)b	Promoting conservation, sustainable use and documentation of biological diversity	--	--	--	--	--
	5(3)c	Purchase and maintenance of equipment of devices for communication , information and technology	--	--	--	--	--
	5(3)d	Construction, upgradation and maintenance of inspection	02	0.19	68	--	--

		paths, forest roads in forest areas, fire line, watch towers, check posts and timber posts					
	5(3)e	Construction of residential and official buildings	--	--	--	--	--
	5(3)f	Casual engagement of local people or labours to assist regular staff of State Forest Department	--	--	--	--	--
	5(3)g	Survey and mapping	--	--	--	--	--
	5(3)h	Independent concurrent monitoring and evaluation and third party monitoring	--	--	--	--	--
	5(3)i	Publicity cum awareness programme	--	--	--	--	--
	5(3)j	Production and distribution of quality planting material	--	--	--	--	--
	5(3)k	Forest certification and development of certification standards	--	--	--	--	--
4.		Activities as per Rule 6(a) of CAF Rules, 2018					
	6(a)i	To offset incremental cost of CA/PCA at increased wage rate	--	--	--	--	--
	6(a)ii	To offset increment cost	--	--	--	--	--

		of CAT at increased wage rate					
	6(a)iii	To offset incremental cost of IWMP at increased wage rate	--	--	--	--	--
	6(a)iv	For disbursement of salary and allowances of members and staff	--	--	--	--	--
	6(a)v	For disbursement of sitting fees and allowances to nominated members	--	--	--	--	--
	6(a)vi	Activities referred to in sub rule-(2) and (3) of Rule 5	--	--	--	--	--
5.		Activities as per Rule 6(b) of CAF Rules, 2018					
	6(b)i	Management of office establishment	--	--	--	--	--
	6(b)ii	Office equipment including computers and peripherals and its maintenance	--	--	--	--	--
	6(b)iii	Hiring of staff cars for the use of officers and officials	--	--	--	--	--
	6(b)iv	Hiring of buildings on lease for office establishment and residences of the officers	--	--	--	--	--
	6(b)v	Other contingencies for	--	--	--	--	--

		management of State Authority					
	6(b)vi	Any other activity for management of forests and wildlife with the approval of Steering Committee and included in the APO	--	0.13			

Agenda item No. 5.

APO FOR THE YEAR 2022-23 OF CHHATTISGARH STATE AUTHORITY

- 1. Date of Receipt : 29-12-2023**
- 2. Date of approval of EC of State/UT : 12-12-2023**
- 3. Date of approval of the Steering Committee: 21-12-2023**
- 4. Total Amount/Outlay : Rs. 544.39 Crores**
- 5. Funds status with the State/UT along with outlay proposed**

(Amount in Rs. crores)

S.No	CAMPA Activity	Fund Available with the State/UT	Outlay proposed
1.	Mandatory Activity		
	CA/PCA/Additional CA	1143.44	11.31
	Catchment Area Treatment Plan	24.49	5.47
	Integrated Wildlife Management Plan	305.51	8.88
	Others	152.00	59.93
2.	Net Present Value	3551.29	451.39
3.	Interest	822.47	7.41
4.	Other Components	0.00	0
Total:-		5999.20	544.39

6. Funds released by State Government during the FY

(Amount in Rs. Crores)

Year	APO approved by National Authority during current financial year	Fund Released by State Government	Fund Utilised by State Authority	Total Outlay for the current year
2018-19	673.29	0	123.12 (Balance amount of Adhoc CAMPA)	1. APO 2023-24 Rs. 544.39 2. Balance work of Previous sanctioned APO'S Rs 1351.00 Total Outlay Rs. 1895.37
2019-20	692.03	500.00	500.00	
2020-21	1213.79	700.00	700.00	
2021-22	1391.61	700.00	700.00	
2022-23	688.46	800.00	800.00	

7. Status of Compensatory Afforestation

(Area In Ha.)

Afforestation required as per site specific scheme submitted along with approved proposal for diversion of forest land	Afforestation carried out in the State as per site specific scheme till 2022-23	Afforestation to be carried out 2023-24	Afforestation carried out percentage	Total Balance up to 2024-25

under FC Act, 1980 till 31.3.2022										
(CA)	(PCA)	(CA+PCA)	(CA)	(PCA)	(CA+PCA)	(CA)	(PCA)	(CA+PCA)	(CA+PCA)	(CA+PCA)
79596.316			74769.231			515.843			93.93	4311.242

Note - Remaining CA 4311.242 Ha. Due to Change of sites.

8. Balance afforestation status

(Area in Ha.)

Balance Afforestation to be completed in Financial Year (in Ha)		
2023-24	2024-25	2025-26
515.843	2200.00	2111.242

9. Details of APO are as under

(Amount in Rs. Crore and Area in Ha.)

S.No	CAF Act/Rules	Activity	Proposed outlay		Green Employment to be generated (in lakh Mandays)	Page No.	Remarks
			Phy. Target	Fin. Target			
1.	Site-specific activities as per Section 6 a) of the CAF Act, 2016						
	Mandatory Activity	Compensatory Afforestation	515.843 ha.	11.31	1.39	15-18	
		Catchment Area Treatment Plan	24 work	5.47	1.35	19-21	
		Integrated wildlife Management Plan	183 work	8.88	1.09	22-45	
		Other	26695.949 ha. Old CA and Other Plantation Maintenance	59.93	14.70	18	
		Total site specific activities under CA		85.59			

2.	Activity as per Rule 5(2) of CAF Rules, 2018						
	5(2)a	ANR	6695 ha.	7.10	1.75	78-93	
	5(2)b	AR	212113.528 ha.	106.08	7.08	47-77	
	5(2)c	Silvicultural Operations	450.235 ha.	1.80	0.45	93-94	
	5(2)d	Protection of Plantations and forests	290 Nos. Vehicles & 5941 Nos Pillers	16.51	1.67	190	
	5(2)e	Pest and disease control in forests	0	0		-	
	5(2)f	Forest fire prevention and control operations	4126 Beat.	15.75	4.87	186	
	5(2)g	Soil and moisture conservation works	217 Nos.	180.04	25.08	95-126	
	5(2)h	Voluntary relocation of villages from protected areas	0	0		0	
	5(2)i	Improvement of wildlife habitat	4914.50 ha. & 183 work	21.29	2.41	127-185	
	5(2)j	Planting and rejuvenation of forest cover on non-forest land falling in wildlife corridors	0	0	-	-	

-	5(2)k	Establishment, maintenance of animal rescue centre and veterinary treatment facilities for wild animals	0	0	-	-	
	5(2)l	Supply of wood saving, cooking appliances and other forest produce saving devices.	0	0	-	-	
	5(2)m	Management of biological diversity and biological resource	09 Nos. Eco Development & Eco Tourism Activitis	26.30	3.26	191	
3.	Activities as per Rule 5(3) of the CAF Rule, 2018						
	5(3)a	Establishment, Maintenance of modern nurseries	24 Nos.	1.25	0	195	
	5(3)b	Promoting conservation, sustainable use and documentatio n of biological diversity	2169 Nos PBR	24.94	6.18	195	
	5(3)c	Purchase and maintenance of equipment of devices for communication , information and technology	6 Nos. Geomatic center & other IT Application	5.98	0.60	194	

	5(3)d	Construction, upgradation and maintenance of inspection paths, forest roads in forest areas, fire line, watch towers, check posts and timber posts	41 Nos. Causeway/Culvert	3.69	0.46	196	
	5(3)e	Construction of residential and official buildings	40 Nos. building & Development Staff Amenities	17.11	2.12	188	
	5(3)f	Casual engagement of local people or labours to assist regular staff of State Forest Department	40 divi. protection in most sensitive area &	5.50	1.70	189	
5(3)g	Survey and mapping	All Division	7.00	0.86	197		
5(3)h	Independent concurrent monitoring and evaluation and third party monitoring	All Division	3.00	-	196		

5(3)i	Publicity cum awareness Programme	All Division	5.89		-197 & 187		
	5(3)j	Production and distribution of quality planting material	0	0	-	-	
	5(3)k	Forest certification and development of certification standards	0	0	-	-	
4.	I Activities as per Rule 6(a) of CAF Rules, 2018						
	6(a)i	To offset incremental cost of CA/PCA at increased wage rate	0	0	-	-	
	6(a)ii	To offset increment cost of CAT at increased wage rate	0	0	-	-	

	6(a)iii	To offset incremental cost of IWMP at increased wage rate	0	0	-	-	
	6(a)iv	For disbursement of salary and allowances of members and staff	1 Year	4.95	0.12	198	
	6(a)v	For disbursement of sitting fees and allowances to nominated members	1 Year	0.17	-	198	
	6(a)vi	Activities referred to in sub rule-(2) and (3) of Rule 5	-	-	-	-	
5.	Activities as per Rule 6(b) of CAF Rules, 2018						
	6(b)i	Management of office establishment	1 Year	0.83	-	199	
	6(b)ii	Office equipment including computers and peripherals	0	0	-	-	

		and its maintenance					
	6(b)iii	Hiring of staff cars for the use of officers and officials and Forest Protection Staff	1 Year	2.91	-	190 & 199	
	6(b)iv	Hiring of buildings on lease for office establishment and residences of the officers	-	-	-	-	
	6(b)v	Other contingencies for management of State Authority	1 Year	0.87	-	199	
	6(b)vi	Any other activity for management of forests and wildlife with the approval of Steering Committee and included in the APO	-	-	-	-	

Agenda item No. 6

**ANNUAL PLAN OF OPERATION (APO) FOR THE FINANCIAL YEAR 2023-24 OF
PUNJAB STATE CAMPA**

1. Date of Receipt: 20-01-2023
2. Date of approval of EC of State/UT: 20.12.2022
3. Date of approval of the Steering Committee: 16.01.2023
4. Total Amount/Outlay: Rs. 259.39 Crore
5. Funds status with the State/UT along with outlay proposed

(Amount in Rs. crores)

S.No	CAMPA Activity	Fund Available with the State/UT	Outlay proposed
1.	Mandatory Activity		
	CA/PCA/Additional CA	407.55	60.42
	Catchment Area Treatment Plan	1.69	0
	Integrated Wildlife Management Plan	0	0
	Others	0	0
2.	Net Present Value	200.07	183.94
3.	Interest	100.76	15.03
4.	Other Components	25.27	0
	Total	735.34	259.39

6. Funds released by State Government during the previous FY

(Amount in Rs. Crores)

Year	APO approved by National Authority during current financial year	Fund Released by State Government	Fund Utilised by State Authority	Total Outlay for the current year (Budget Provision)
2018-19	102.56	79.20	81.27*	Out of Ad-hoc CAMPA
2019-20	102.16	50.90	64.73*	100.00
2020-21	177.85	123.73	128.60*	180.00
2021-22	218.07	170.86	167.82	223.00
2022-23	203.01	200.16	59.97 (up to Dec.,2022)	240.00

*Excess expenditure incurred out of the funds available in the State Authority bank account.

7. Status of Compensatory Afforestation

(Area In Ha.)

Afforestation required as per site specific scheme submitted along with approved proposal for diversion of forest land under FC Act, 1980 till 31.3.2022			Afforestation carried out in the State as per site specific scheme till 2022-23			Afforestation to be carried out 2023-24	Afforestation carried out percentage	Total Balance upto 2024-25
(CA)	(PCA)	(CA+PCA)	(CA)	(PCA)	(CA+PCA)	(CA+PCA)	(CA+PCA)	(CA+PCA)
19877	194.00	20071	18534	168	18702	993	93.17	376

8. Balance afforestation status

(Area in Ha.)

Balance Afforestation required as per FC Act	Balance Afforestation to be completed in Financial Year (in Ha)			
	(Area in ha.)	2023-24	2024-25	2025-26
1369	993	376	0*	

Note * CA will be taken up against current diversion of forest lands

9. Details of APO are as under

(Amount in Rs. Crore and Area in Ha.)

S.No	CAF Act/Rules	Activity	Proposed outlay		Green Employment to be generated (in Man-days)	Page No.	Remarks
			Phy. Target	Fin. Target (Rs. In Crore)			
1.	Site-specific activities as per Section 6(a) of the CAF Act, 2016						
	Mandatory Activity	Compensatory Afforestation	Advance work (2024-25) 770 ha, Plantation of 993.873 ha (983.981 ha. CA, 8.985 Ha. Penal CA and	43.78	905442	26 to 49, 56, 57	

S.No	CAF Act/Rules	Activity	Proposed outlay		Green Employment to be generated (in Man-days)	Page No.	Remarks
			Phy. Target	Fin. Target (Rs. In Crore)			
			0.907 NFL) and Maintenance of 9630.317 ha.(CA + PCA+NFL) and New plantation of 158599 Tall plants, maintenance of Tall plants 436444 under ACA and raising of 27.72 lakh Plants in Nursery (Annexure- 1A, 1-AA, 1-AB, 1B, 1C,1D, 1E & 1i)				
		Catchment Area Treatment Plan	--	-	-	-	
		Integrated wildlife Management Plan	--	--	--	--	
		Other	As per APO Annexure- 1F, 1G, 1H	16.63	80925	50 to 55	
		Total site specific		60.41			

S.No	CAF Act/Rules	Activity	Proposed outlay		Green Employment to be generated (in Man-days)	Page No.	Remarks
			Phy. Target	Fin. Target (Rs. In Crore)			
		activities under CA					
2.	NPV -Activity as per Rule 5(2) of CAF Rules, 2018						
	5(2)a	ANR	Advance work (2024-25) 2900 ha, Plantation of 2257 Ha and Maintenance of 5835 ha. Annexure- 3,3A,3B	38.86	803674	60-65	
	5(2)b	AR	(i) Advance work (2024-25) 1735 ha, (ii) Plantation of 2374 ha (iii) Maintenance of 8115.50 ha., (iv) Raising of 2.40 lakh Plants in Nursery. (v) maintenance of existing nursery 94500 plants, (vi) Plantation of Tall plants 157000 and maintenance of Tall plants 532500	73.91	1528552	58-59, 66 to 73, 82-83	

S.No	CAF Act/Rules	Activity	Proposed outlay		Green Employment to be generated (in Man-days)	Page No.	Remarks
			Phy. Target	Fin. Target (Rs. In Crore)			
			(vii)Raising of Nursery and maintenance of replacement of plants 118.83 lakh (Annexure- 2,4,5,6,7, 12)				
	5(2)c	Silvicultural Operations	77 plots (Annexure- 8)	0.93	19234	74-75	
	5(2)d	Protection of Plantations and forests	As per APO (Annexure- 9)	13.58	181727	76-77	
	5(2)e	Pest and disease control in forests	--	--	--	--	
	5(2)f	Forest fire prevention and control operations	As per APO (Annexure- 9)	2.59	60827	76-77	
	5(2)g	Soil and moisture conservation works	As per APO (Annexure- 8)	14.47	193637	75-76	
	5(2)h	Voluntary relocation of villages from protected areas	--	--	--	--	
	5(2)i	Improvement of wildlife habitat	As per Annexure 15-16	12.15	179124	90- 91	
	5(2)j	Planting and rejuvenation of forest	--	--	--	--	

S.No	CAF Act/Rules	Activity	Proposed outlay		Green Employment to be generated (in Man-days)	Page No.	Remarks
			Phy. Target	Fin. Target (Rs. In Crore)			
		cover on non-forest land falling in wildlife corridors					
	5(2)k	Establishment, maintenance of animal rescue centre and veterinary treatment facilities for wild animals	As per APO Annexure 15	2.79	44124	90	
	5(2)l	Supply of wood saving, cooking appliances and other forest produce saving devices.	--	--	--	--	
	5(2)m	Management of biological diversity and biological resource	--	--	--	--	
3.	Activities as per Rule 5(3) of the CAF Rule, 2018						
	5(3)a	Establishment, Maintenance of modern nurseries	Raising of Nursery Stock (Tall Plant) 2.30 lakh, Maintenance 1.00 lakh and	4.35	29805	84-85	

S.No	CAF Act/Rules	Activity	Proposed outlay		Green Employment to be generated (in Man-days)	Page No.	Remarks
			Phy. Target	Fin. Target (Rs. In Crore)			
			vermicomposting unit (32 Nos) and seed store (19 Nos.) etc. (Annexure 12-A)				
	5(3)b	Promoting conservation, sustainable use and documentation of biological diversity	--	-	--	-	-
	5(3)c	Purchase and maintenance of equipment of devices for communication, information and technology	As per APO Annexure-13	4.52	--	86-87	
	5(3)d	Construction, upgradation and maintenance of inspection paths, forest roads in forest areas, fire line, watch towers, check posts	Creation and maintenance of fire lines (Annexure-10)	2.73	59781	78-79	

S.No	CAF Act/Rules	Activity	Proposed outlay		Green Employment to be generated (in Man-days)	Page No.	Remarks
			Phy. Target	Fin. Target (Rs. In Crore)			
		and timber posts					
	5(3)e	Construction of residential and official buildings	Range office, Forester & Forest Guard house and Toilet in forest nurseries (Annexure-10)	5.66	41314	78-79	
	5(3)f	Casual engagement of local people or labours to assist regular staff of State Forest Department	As per Annexure-16	1.53	37226	91	^^
	5(3)g	Survey and mapping	As per Annexure-11	1.00	--	80-81	
	5(3)h	Independent concurrent monitoring and evaluation and third party monitoring	As per Annexure-11	2.70	--	80-81	
	5(3)i	Publicity cum awareness programme	As per Annexure-14	2.17	--	88-89	
	5(3)j	Production and distribution of quality	--	---	--	--	

S.No	CAF Act/Rules	Activity	Proposed outlay		Green Employment to be generated (in Man-days)	Page No.	Remarks
			Phy. Target	Fin. Target (Rs. In Crore)			
		planting material					
	5(3)k	Forest certification and development of certification standards	--	---	--	--	
		Total NPV		183.94			
4.	Activities as per Rule 6(a) of CAF Rules, 2018						
	6(a)i	To offset incremental cost of CA/PCA/ NPV at increased wage rate	As per Annexure-17	11.00		120-121	
	6(a)ii	To offset increment cost of CAT at increased wage rate	--	---	--	--	
	6(a)iii	To offset incremental cost of IWMP at increased wage rate	--	---	--	--	
	6(a)iv	For disbursement of salary and allowances of members and staff	As per Annexure-17	0.90	--	120-121	

S.No	CAF Act/Rules	Activity	Proposed outlay		Green Employment to be generated (in Man-days)	Page No.	Remarks
			Phy. Target	Fin. Target (Rs. In Crore)			
	6(a)v	For disbursement of sitting fees and allowances to nominated members	As per Annexure-17	0.25	--	120-121	
	6(a)vi	Activities referred to in sub rule-(2) and (3) of Rule 5	As per Annexure-17	0.05	--	120-121	
5.	Activities as per Rule 6(b) of CAF Rules, 2018						
	6(b)i	Management of office establishment	As per Annexure-18	0.40		122-123	
	6(b)ii	Office equipment including computers and peripherals and its maintenance	As per Annexure-18	0.20		122-123	
	6(b)iii	Hiring of vehicles for the use of field officers and officials	As per Annexure-18	0.30		122-123	
	6(b)iv	Hiring of buildings on lease for office establishment and		--			

S.No	CAF Act/Rules	Activity	Proposed outlay		Green Employment to be generated (in Man-days)	Page No.	Remarks
			Phy. Target	Fin. Target (Rs. In Crore)			
		residences of the officers					
	6(b)v	Other contingencies for management of State Authority	As per Annexure-18	0.10		122-123	
	6(b)vi	Any other activity for management of forests and wildlife with the approval of Steering Committee and included in the APO	As per Annexure-18-A	1.84		124-125	
		Total (out of interest)		15.04			
		G. Total of APO 2023-24		259.39			

NOTE:

* Wage rate: Rs. @411 per day

* Provision of wage employment in man-days during the proposed activities: - 41.69 lakh man-days included.

Agenda item No. 7

**ANNUAL PLAN OF OPERATION (APO) FOR THE FINANCIAL YEAR 2023-24 OF
JAMMU AND KASHMIR UT CAMPA**

- | | |
|--|------------------|
| 1. Date of Receipt: | 25 December 2022 |
| 2. Date of approval of EC of State/UT: | 12 January 2023 |
| 3. Date of approval of the Steering Committee: | 23 January 2023 |
| 4. Total Amount/Outlay: | Rs. 274.05 Crore |

5. Funds status with the State/UT along with outlay proposed

(Rs. in Crores)			
S.No	CAMPA Activity	Funds available	Outlay proposed
1	CA/PCA/Additional CA	140.97	5.99
	Catchment Area Treatment Plan	0.00	0.00
	Integrated Wildlife Management Plan	276.70	9.70
	Others	0.00	0.00
2	Net Present Value (NPV) of Forest Land	559.05	253.76
3	Interest	97.00	4.60
4	Others	0.70	0.00
Grand Total		1074.42	274.05

6. Funds released by State Government during FY

(Amount in Rs. Crores)

Year	APO approved by the National Authority during the financial year	Funds released by State Government	Funds utilized by the State Authority	Total outlay for the current year
2018-19	113.76	101.77	77.54	In 2018-19 & 2019-20, J&K CAMPA fund was maintained in J&K Bank. Fund, as per approved APO, was withdrawn from J&K Bank.
2019-20	140.00	138.19	113.52	
2020-21	184.33	156.14	112.61	
2021-22	257.16	266.25	127.74	
2022-23	312.69	170.61	101.70	31.12.2022
2023-24	274.05			274.05

7. Status of Compensatory Afforestation

(Area in ha)

Afforestation required as per site specific scheme submitted along with approved proposal for diversion of forest land under FC Act, 1980 till 31.03.2022			Afforestation carried out in the State as per site specific schemes till 2022-23			Afforestation to be carried out 2023-24	Afforestation carried out percentage	Total Balance upto 2024-25
(CA)	(PCA)	(CA+PCA)	(CA)	(PCA)	(CA+PCA)	(CA+PCA)	(CA+PCA)	(CA+PCA)
*30172	0	30172	28492	0.00	28492	272	95.33	1408

* The CA target includes 1360 ha. for Ujh Project and 26.48 ha. for Shahpur Kandi Project in respect of which Stage-II approval is awaited.

8. Balance afforestation status

Balance Afforestation required as per FC Act (in ha.)	Balance afforestation to be completed in Financial year (in ha.)		
	2023-24	2024-25	2025-26
	272	700	700

9. Details of APO are as under:

(Amount in Rs. Crore and Area in ha.)

S. No	CAF ACT/Rules	Activity	Proposed outlay		Green Employment to be generated (in Man days)	Page No.	Remarks	
			Physical Target	Financial Target				
1		Site-specific activities as per Section 6 (a) of the CAF Act, 2016						
	Mandatory Activity	Compensatory Afforestation	311	5.99	77014	20-21		
		Catchment Area Treatment Plan	0.00	0.00				
		Integrated Wildlife Management Plan	0.00	9.69	124585	22		
		Other	0.00	0.00				
		Total site specific activities under CA	311	15.68				
2		Activity as per Rule 5(2) of CAF Rules, 2018						

	5(2) a & b	ANR/AR	13 01 4	110.37	1419042	24-25		
	5(2)c	Silvicultural Operations		2.54		25		
	5(2)d	Protection of Plantations and forests		22.07	283757	25&3 4		
	5(2)e	Pest and disease control in forests		0.40		25&3 4		
	5(2)f	Forest Fire Prevention and Control Operations		5.97	74962	25&3 4		
	5(2)g	Soil and moisture conservation works		48.59	624728	25&3 4		
	5(2)h	Voluntary relocation of villages from protected areas		0.00				
	5(2)i	Improvement of wildlife habitat	39 4	8.65	111214	33-34		
	5(2)j	Planting and rejuvenation of forest cover on non-forest land falling in wildlife corridors		0.00				
	5(2)k	Establishment, maintenance of animal rescue centre and veterinary treatment facilities for wild animals		6.20		34		
	5(2)l	Supply of wood saving, cooking appliances and other forest produce saving devices.		0.00				
	5(2) m	Management of biological diversity and biological resources.		1.21		25&3 4		
		Sub total	13 40 8	206.00				
3		Activity as per Rule 5 (3) of the CAF Rules, 2018						
	5 (3)a	Establishment, Maintenance of modern nurseries	LS	3.97	51042	25&3 4		
	5 (3)b	Promoting conservation, sustainable use and documentation of biological diversity		0.00				
	5 (3) c	Purchase and maintenance of equipment devices for communication, information and technology		3.22		25,26 ,34 & 35		
	5 (3)d	Construction, up-gradation and maintenance of inspection paths, forest roads in forest areas, fire line, watch towers, check posts and timber depots.		3.69	47442	26&3 5		

	5 (3)e	Construction of residential and official buildings.		20.40	262285	26&3 5		
	5 (3)f	Casual engagement of local people or labours to assist regular staff of State Forest Department		11.48	374159	26&3 5		
	5 (3)g	Survey and mapping	LS	1.21		26&3 5		
	5 (3)h	Independent concurrent monitoring and evaluation and third party monitoring.	LS	1.06		26&3 4		
	5 (3)i	Publicity cum awareness programme	LS	2.74		26&3 5		
	5 (3)j	Production and distribution of quality planting material		0.00				
	5 (3)k	Forest certification and development of certification standards.		0.00				
			Sub total	47.77				
4		Activities as per Rule 6(a) of CAF Rules, 2018						
	6 (a)i	To offset incremental cost of CA/PCA at increased wage rate.		0.00				
	6 (a)ii	To offset increment cost of CAT at increased wage rate		0.00				
	6 (a)iii	To offset incremental cost of IWMP at increased wage rate.		0.00				
	6 (a)iv	For disbursement of salary and allowances and staff		0.90		37		
	6 (a)v	For disbursement of sitting fees and allowances to nominated members.		0.05		37		
	6 (a)vi	Activities referred to in sub rule-(2) and (3) of Rule 5		0.00				
		Sub total 6 (a)		0.95		37		
5		Activities as per Rule 6(b) of CAF Rules, 2018						
	6 (b)i	Management of office establishment.		1.95		37		
	6 (b)ii	Office equipment including computers and peripherals and its maintenance.		0.20		37		
	6 (b)iii	Hiring of buildings on lease for office establishment and residences of the officials		0.00				

	6 (b)iv	Hiring of buildings on lease for office establishment and residences of the officers		0.00			
	6 (b)vi	Any other activity for management of forests and Wildlife with the approval of Steering Committee and included in the APO.		1.50		37	
		Sub total (b)		3.65			
		Total 6 (a) & (b)		4.60			
		Grand Total		274.05	3450230		

Agenda item No. 8A.

Agenda Item No.8 A: Proposal on “Project Management Consultancy Unit (PMC)” and “National CAMPA Monitoring and Evaluation Cell (NMEC)” with a total cost of Rs. 30.2333 crores for a period of 5 years submitted by Institute of Forest Management (IIFM), Bhopal

About IIFM: IFM possesses more than 40 years of experience in multiple facets of forestry and natural resource management and unique ability to handle research, training and extension needs of diverse stakeholders on account of its multidisciplinary scientific capacity. IIFM has wide- ranging expertise and technical skills available in the domains of forestry and plantation management, wildlife management, watershed management, ecosystem services quantification and valuation, remote sensing and geo-informatics, human resource and financial management. marketing and value chain analysis, policy analysis, communication, and extension. Some of the milestones in IIFM's achievements that gained substantial attention from academia and policy makers include the Bhopal-India Process to develop a set of national level Criteria and Indicators to measure sustainability of forest management in India, co-production of sustainable solutions for management of minor forest produces, economic valuation of ecosystem services of tiger reserves, estimations of Net Present Values for calculating payments to compensatory afforestation funds during forest diversion etc. and contributions for amendment of Indian Forest Act etc.

IIFM will set up the Project Management Consultancy Unit (PMU) and National Monitoring and Evaluation Cell (NMEC) for assisting N-CAMPA by hiring the professionals. The composition, scope of works for both the PMC and NMEC are proposed as under:

1. Name of Scheme/ Project:	Project Management Consultancy (PMC) and National CAMPA Monitoring and Evaluation Cell (NMEC) at National Authority
2. Implementing Agency/Institute	Indian Institute of Forest Management, Bhopal
3. Program Division of the Ministry:	National Authority, Compensatory Afforestation Fund Management and Planning Authority (CAMPA)
4. Brief note & Justification	<p>The National Authority is at present administering funds collected as per the Compensatory Afforestation Fund Act, 2016 and Rules, 2018. The National Authority, CAMPA ensures overall implementation, management and monitoring of CAF Act, 2016 and Rules,2018 focussing on promoting afforestation and regeneration activities as a way of compensating for forest land diverted onwards non forest purposes.</p> <p>The National Authority is facing acute shortage of professional and technical human resource to assist in various functions of NCAMPA. It is felt necessary to create Project Management Consultancy Unit (PMC) and National Monitoring and Evaluation Cell (NMEC) to address the above issues. Accordingly, the Chief Executive Officer, National Authority CAMPA (NCAMPA), MoEF&CC vide letter No. NA-I/32/2022-NA dated 18th October 2022 requested IIFM to submit a proposal the creation of Project Management Consultancy (PMC) and</p>

	<p>National CAMPA Monitoring and Evaluation Cell (NMEC) at National Authority for providing assistance to the National Authority in view of the acute shortage of professional and technical human resources to assist in various functions of NCAMPA</p> <p>IIFM possesses more than 40 years of experience in multiple facets of forestry and natural resource management and unique ability to handle research, training and extension needs of diverse stakeholders on account of its multidisciplinary scientific capacity.</p> <p>IIFM has established itself as a knowledge leader in plantation programme evaluation by partnering with various states including Chhattisgarh, Odisha and Maharashtra for third party evaluation of CAMPA plantation activities. IIFM has reviewed and evaluated afforestation schemes for diverse agencies such as CAMPA, National Thermal Power Corporation, National Mission for Clean Ganga, State Forest departments etc. IIFM in 2016 developed a comprehensive evaluation manual for compensatory afforestation. With its multidisciplinary knowledge resources spanning forestry, ecosystem sciences, wildlife management, community forestry, financial and human management, communication and extension, remote sensing and geoinformatics and information technology and quantitative techniques IIFM is uniquely positioned to align compensatory afforestation programmes towards global ecological restoration efforts with a view to a scale up and accelerate the fulfilment of the country’s land restoration and carbon sink targets.</p> <p>IIFM will set up the Project Management Consultancy Unit (PMU) and National Monitoring and Evaluation Cell (NMEC) for assisting N-CAMPA by hiring the professionals.</p>
<p>5. Objectives & Outcome</p>	<p>Objectives</p> <ul style="list-style-type: none"> ▪ Prepare a perspective plan ▪ Monitoring and Evaluation of CAMPA Activities and Performance Assessment ▪ Assist National Authority in analysis and appraisal of the Annual Plan of Operations (APO) provided by the States/ UTs ▪ Design a research and development component under the CAMPA along with guidelines so that states and other research institutions ▪ Conceptualising and Designing New Schemes/ programmes to meet emerging challenges and opportunities in the forestry sector ▪ Any other requirement(s) of National Authority. ▪ Any other similar needs in the Ministry <p>Outcome</p> <p>The PMC will help in carrying out the key functions of CAMPA, financial management and to coordinate the monitoring efforts. The PMC will also be made responsible to provide necessary data and</p>

	support to the Monitoring Group constituted as per CAF Act,2016, whenever required by them.					
6.Project Duration	5 years					
7.Year of Start	2023					
8.Budgetary estimates/ Year wise	Year 1	Year 2	Year 3	Year 4	Year 5	Total
	5.32 crores	4.17 crores	4.98 crores	5.08 crores	5.26 crores	24.81 crores
9.Recommendations of the Program Division						

The detailed proposal is placed in **Annexure VII**

Agenda item No. 8B.

Agenda Item No.8 B: Proposal on “Training and Capacity Building Infrastructure development for Sustainable Forest Management and Biodiversity Conservation” submitted by Institute of Forest Management (IIFM), Bhopal

The Indian Institute of Forest Management (IIFM) is a sectoral management institute, which constantly endeavours to evolve knowledge useful for the managers in the area of Forest, Environment and Natural Resource Management and allied sectors. The institute is mandated with activities related to academics, research, training and capacity building in areas related to environment, forestry including farm and agroforestry, sustainable development, biodiversity conservation, sustainable forest management, etc. IIFM as an institute is constantly engaged in providing training and capacity building in management and related subjects for persons from the Indian Forest Service, Forest Departments, Forest Development Cooperation, Forest based industries, officials of line Departments, Scientists and Farmers engaged in biodiversity conservation, natural resource management, sustainable development and climate change.

1. **Name of Scheme:** Training and Capacity Building Infrastructure Development for Sustainable Forest Management and Biodiversity Conservation.
2. **Implementing Agency:** Indian Institute of Forest Management (IIFM)
3. **Scheme duration:** 6 months for planning and tender processing and 24 months for execution
4. **Scheme objectives:**
 - a. Organize Capacity Building programmes in subject areas related to biodiversity conservation and sustainable forest management catering to different stakeholders.
 - b. Develop and impart need based and sector driven capacity building programmes.
 - c. Building state of art training & capacity building infrastructure for sustainable forest management and biodiversity conservation.
5. **Budget estimate:** Rs. 24.06 crores
6. **Operational Cost:** Rs. 0.50 crores
7. **Estimated cost for infrastructure for capacity building programme:** Rs. 24.56 crores
8. **Outcomes:** There is a felt need for professional capacity development in the biodiversity, restoration of ecology and sustainable forest management areas that can be fulfilled by training programmes in these fields. IIFM therefore, proposed to increase the number of training and capacity building programmes to reach out to various stakeholders. Implementation of these programmes would be done through improvements in facilities and competencies. The Institute is running several short courses and plans to increase the number of programmes in the near future to help the stakeholders particularly personnel from forest department and other line staff of the States/UTs, wood based industries, farmers and institutions to acquire relevant knowledge and skill sets.
9. **Justification:** At present with the given infrastructure, it is not sufficient to run the in-house capacity building programs on various issues for multiple stakeholders. Hence, it has been proposed to build training infrastructure especially construction of hostel accommodation infrastructure. The detailed proposal is enclosed in **Annexure VIII**.

Agenda item No. 8C.

Agenda Item No.8 C: Proposal on “Centre of Excellence for Urban Green Management at IIFM, Bhopal” submitted by Institute of Forest Management (IIFM), Bhopal

Global urban populations are rapidly rising and will continue to rise in the coming decades mainly because of many reasons, including movement of people from rural to urban landscapes. This expected influx of people creates an urgency to understand how this shift may affect the expansion of urban land areas. Urban living can limit the access to nature and can increase the exposure to certain environmental hazards, including air and water pollution along with growing impacts of climate change. Further, urbanization biodiversity and affects ecosystem productivity through loss of natural habitats, biomass and carbon sink capacity. These challenges are addressed in the view of providing healthy and sustainable living environments to the people in the urban areas.

1. **Name of Scheme:** Centre of Excellence for Urban Green Management at IIFM, Bhopal
2. **Implementing Agency:** Indian Institute of Forest Management (IIFM)
3. **Scheme duration:** 5 years
4. **Scheme objectives:**
 - a. The Centre shall act as repository for scientific and management information related to the urban green development
 - b. The Centre shall engage in policy and research to provide meaningful solutions for urban green development.
 - c. The Centre shall create partnership with various stakeholders to develop strategies for urban green management.
 - d. The Centre shall engage in conducting outreach and promotion activities on urban green management.
5. **Budget estimate:** Rs. 4,53,67,560
6. **Manpower Cost:** Rs. 1,85,28,000
7. **Travel/TA & DA for Pls and Project Staff:** Rs. 52,000
8. **Equipment/Infrastructure/ Vehicle/ Set-up materials:** Rs. 1,13,00,000
9. **Data Processing and infrastructure:** Rs. 14,50,000
10. **Preparation of report:** Rs. 15,00,000
11. **Training, Capacity Building and Awareness:** Rs. 65,00,000
12. **Contingencies for miscellaneous expenses @ 2%:** Rs. 8,89,560
13. **Activities to be undertaken:** Research Projects, Information Database, Capacity Building, Workshop/Conferences, short-term courses, local community engagement, lecture series, documentation and dissemination of best practices and technical report/ newsletter.
14. **Justification:** There is a need to study the impacts of creating Nagar Van Yojana and Nagar Vatika across the cities in India along with various types of green spaces in the urban areas including herban gardens, home gardens, city parks, nakshatra vatika, navagrah vatika, etc. The proposed Centre of Excellence for Urban Green Management will help in achieving the above mentioned objectives by carrying out the mentioned activities.

The detailed proposal is enclosed in **Annexure IX**.

Agenda item No. 9

Agenda Item No.9 A: Proposal for “Establishment of Centre of Excellence in Forest Survey of India” for a total cost of Rs. 129.32 crore for a period of five years from 2022-23 to 2027-28 submitted by Forest Survey of India (FSI)

Forest Survey of India (FSI) is a premier institution under the Ministry of Environment, Forests and Climate Change. As regular assessment of the forest resources of the country became a key input in the decision-making of the Government on India, the FSI was conceived as the organisation that would make such data available. On the recommendation of the National Commission on Agriculture, FSI was created in June, 1981 as a successor to “Pre-Investment Survey of Forest Resources” (PISFR), a project initiated in 1965 by the Govt. of India and sponsored by FAO and UNDP, for survey and inventory of forest resources in different parts of the country.

Objectives:

- a) To prepare a comprehensive State of the Forest Reports (SFR) including National Vegetation Map (NVM) once every two years. It will also prepare thematic maps through use of remote sensing data with minimum essential ground truth verification (most ground – truth verification would be done by the respective state governments) on a ten-year cycle.
- b) To collect, store and retrieve necessary / forestry and forestry – related data for national and state level planning and to create a computer based National Basic Forest Inventory System (NBFIS).
- c) To undertake work in regard to preparation of forest inventory in selected States/UTs on agency basis until establishment of their own resources survey units
- d) To impart training in modern forest survey techniques to foresters at various levels of responsibility in the states/UTs/GOI.
- e) To advise the states/UTs on design and development of regional NBFIS.

Major Activities of FSI:

The following are the major activities of FSI, which have been further elaborated in the Annexure:

- a) Forest Cover Mapping
- b) Forest Fire Monitoring
- c) National Forest Inventory
- d) Decision Support System
- e) E-Green watch
- f) Training of Forestry personnel in modern Geomatic tools.

Financial Outlay: The Financial outlay to carry out the above activities for five years from 2022-23 to 2027-28 is as follows:

SI No.	Name of the Component	Budget (Rs. In Crore)
1.	Climate Changes Studies and Monitoring of Incremental Carbon stock	108.50
2.	E-Green Watch	3.82
3.	WEB GIS based Decision Support System (DSS) for Forest Clearance	5.00
4.	Forest Fire Monitoring Including burnt area assessment	3.00
5.	Above Ground Biomass (AGB) estimation using Synthetic Aperture Radar (SAR) data	3.00
6.	Deforestation Alert System	4.00
7.	LiDAR for Forestry Applications	2.00
	Total (A+B+C+D)	Rs.129.32

The agenda item is placed for consideration and approval of the Executive Committee of the National Authority

Comments-

1. e-Green watch should be part of the Monitoring Cell.
2. Comments of SU division are awaited.

Agenda item No. 9B.

Agenda Item No. 9 B Creation of a Monitoring Cell of Monitoring Group (MG) at FSI to assist the MG of National Authority, CAMPA.

As per the CAF Act, 2016 Section 2 (g) “Monitoring Group” means a group of experts to the monitor the activities undertaken from amounts released from the National Fund and State Fund constituted under Sub-Section (3) of section 9.

2. The Mandate of the Monitoring group is given in CAF Act, 2016 under Section 16(1) which says that the monitoring group shall:

- i. Device measures for transparency and accountability.
- ii. The Monitoring group shall meet at least once in three months.
- iii. Inspect and undertake financial audits of works executed by utilizing funds released by the National Authority and State Authorities in the State and Union Territories.

3. To achieve the above mandate of MG, a monitoring cell is required who will assist the MG in discharge of their technical and administrative responsibilities. This matter was discussed in all meetings of the MG held so far. However, no such cell was created till date. The matter was again discussed in the 6th meeting of newly constituted MG held on 27.10.2022 at FSI, Dehradun and it was decided that a monitoring cell will be set up at Forest Survey of India to assist the Monitoring group. The cell will have a Senior Technical Consultant, about 10 Technical Associates and 4 secretarial staff.

4. The Monitoring cell will be created at FSI, Dehradun with a staff strength of 1 Senior Technical Consultant, about 10 Technical Associates and 4 secretarial staff (Computer Operators). The cell will function under the overall guidance of Director General of Forest Survey of India.

5. **The Monitoring cell will perform following functions under the overall guidance of MG:**

- i. Liasoning with National Authority for getting the information on different activities carried out by utilizing the funds from National and State CAMPA authorities.
- ii. Preparation of methodology for monitoring of plantations and assets with the help of MG.
- iii. Selection of sample sites for the inspection as per the methodology finalized by the MG.
- iv. Designing of formats for the field data collection for monitoring of plantations and assets.
- v. Monitoring of the field works to be carried out by designated agencies.
- vi. Planning of visits of members of MG to different SFDs for monitoring.
- vii. Making various arrangements for conducting of meetings of MG.
- viii. Maintenance of database and portal of MG.
- ix. Any other works assigned by the members of the MG.
- x. Logistic arrangements for conducting the meeting and visits of members of MG.

6. **Budget Outlay:**

The total budget requirement for creation of the Monitoring cell is Rs. 4.70 crore out of which one time expenditure is Rs. 1.70 crore and annual recurring expenditure will be Rs. 3 crores.

a. **One time expenditure on establishing monitoring cell of MG**

SNO	Items	Amount (Rs. in lakhs)	Remark
1	Costing of furnishing room including furniture etc.	15	
2	Desktop Computers	10	Cost of 10 PCs
3	Workstations	15	5 workstations of 5 TAs
4	ERDAS imaging software	75	5 software for 5 Tas
5	Arc GIS software	50	5 software for 5 Tas
6	Ordinary printers	1	Cost of 2 network printers
7	Colour printers	4	Cost of 2 Colour printers

b. **Annual Recurring Expenditure:**

SNO	Items	Amount (Rs. in lakhs)	Remark
1	Salary of one Sr. Consultant	18	@ of Rs. 1.50 lakhs per month for 12 months
2	Salary of 10 Technical Associates 5 TAs from RS&GIS 1 TA from Forestry 1 TA from Environment 1 TA from Economics 1 TA from Wildlife 1 TA from database and web portal	60	@ of Rs. 50,000 per month for 12 months
3	Salary of three computers operators	16.8	@ Rs. 35,000/- per month for 12 months
4	Travel cost	150	For monitoring of field work in different states and visit to SFDs
5	Miscellaneous including training, workshop, stationary etc.	50	
6	Contingencies	5.2	
	Total	300	

Comments-

1. May be considered except the salary of three computer operators.
2. E-Green Watch shall be part of Monitoring Cell.

Agenda item No. 10.

Agenda Item No. 10: Project Proposal on Mapping, Monitoring and Management of *Lantana camara* through utilization for improving livelihood of people in forest fringe villages by ICFRE

Lantana camara L., an invasive terrestrial weed of South and central American origin has huge impact on the native composition of terrestrial ecosystem. It has now naturalized in approximately 60 countries and is regarded as the world's 100 worst notorious weeds (Lowe, 2007; GISD, 2010; Lüi, 2011). At present it is considered to be extremely adaptable and prolific. Thus, it has its indiscriminate spread and presence in almost all regions of India including farm (Bhatt *et al.*, 1994; Saha, 2002), pasture (Hakimuddin, 1929; Batianoff and Butler, 2003), fallow land (Sharma and Raghubanshi, 2006) and forest (ISSG, 2008) except the Thar Desert and its surroundings (Dogra *et al.*, 2009). Its invasion is implicated in widespread loss of native species diversity via recruitment, limitation, competition, and alteration of ecosystem structure and function (Bhatt *et al.*, 1994; Fensham *et al.*, 1994; Swarbrick *et al.*, 1995; Gentle and Duggin, 1998; Sharma *et al.*, 2005; Kohli *et al.*, 2006; Dobhal *et al.*, 2009). Not only is the geographic range of *Lantana camara* escalating in various regions, but the density of infestations within its range is mounting and has been acknowledged and recognized as a potential threat (Sharma and Raghubanshi, 2006; Kimothy *et al.*, 2010; Lüi, 2011). Therefore, global efforts are being made to control this invasive species as this is considered to pose significant threats that are difficult to reverse. The first component of project is targeted to developing methodologies for mapping, monitoring and habitat distribution modelling of *Lantana camara*, invasive alien plant species Information System, capacity building and awareness creation.

2. Mapping and modelling the spread of invasion: Information on the spatial extent of *Lantana* invasion in various biodiversity rich areas especially Protected Areas (PA) and non-forest areas of the country is unavailable. The challenges encountered in spatial mapping of *Lantana camara* include the problem of similarity in the spectral signatures of the species with other surrounding plant species, which leads to a low classification accuracy. Further, mapping of invasive species which occur in the understory vegetation is a challenge. The spatial spread of the species has been mapped in different parts of the world using various multi-spectral, multi-temporal and hyper spectral satellite images with varying level of accuracy. A combination of remote sensing techniques, information on the landscape characteristics and GIS and expert knowledge may help in accurate mapping of the species and identifying the potential hot spots of invasion.

3. Eradication and restoration *lantana* affected areas: Though various control measures employed to curb *Lantana camara* infestations in India could not be able to completely curtail its invasion, Cut root stock method is gaining significant attention nowadays, as it has proven its visible superiority over existing methods of *Lantana* removal (Babu *et al.*, 2009). However, removal alone would not allow ecosystems to recover because some invaders alter the habitat conditions as a result it becomes unsuitable for native species (Zavaleta *et al.*, 2001; Rai, 2013). Therefore, integration of removal along with holistic assessment and followed by additional site restoration process will help safeguard against accidental adverse effects on native ecosystems (Zavaleta *et al.*, 2001; Rai, 2013). Developing restoration models for invaded landscapes can play a crucial role in controlling the invasive plants and restoring the native vegetation.

In India, few attempts have been made to remove the *Lantana* from the forests and the areas has been restored using various native species (Babu *et al.*, 2009; Ishwar Singh (2012); Geetha *et al.*, 2014;

Venkatraman 2015; Hiremath *et. al.*, 2018; Prasad *et. al.*, 2018;). However, these restoration attempts have been made in smaller areas and they are very meagre as compared to the scale of affected area and the rate of invasion of this species. Further, information on the impact of Lantana removal on the ecosystem structure and function in the eradicated sites are not available.

4. Utilization of Lantana Biomass for improving go livelihood of the people

The wide spread distribution of the species can be a source of biomass. It is estimated that net primary productivity of lantana is about 10-28 tonnes/ha/year for the subtropical and temperate forests (Singh and Singh 1987) and about 70-80% of this is woody biomass (Vasudev and Jain 1991). Since there is lot of emphasis on eradication of this weed species and physical removal of the lantana stems is one of the practiced methods. The extraction of lantana stems provides an opportunity of its utilization of value-added products. A number of researchers have explored utilization of lantana biomass for variety of products. Essential oils from lantana biomass has been reported to be useful as perfume ingredient, insecticide, mosquito repellent, antiseptic, etc. Antimicrobial efficacy of the plant (flavonoids, crude alkaloids, leaf extract, and essential oil) has been well documented against various microorganisms (Begum *et. al.*, 2004, Ventataswamy *et. al.*, 2010; Kurade *et. al.*, 2010; Sharma & Kumar, 2009).

Being the lignocellulosic material, lantana stems can be used as source of energy (fuel wood), pulpwood, furniture, bio-composites, etc. The use of lantana stems of suitable sizes for furniture has been well studied and is considered as a substitution of cane. The furniture made out of lantana is found to be cheaper and at par in strength with cane furniture. In addition, the furniture made by lantana was reported termite resistant. Soligas, the tribal artisans of South India are indigenously utilizing Lantana, as a substitute for rattan and converting it into value added products such as furniture, toys and articles of household utility (Kannan *et. al.*, 2008). Currently, nearly 50 replicas of cane furniture and 25 designs of toys produced by these artisans from Lantana. Studies were also conducted to explore the chemical constituent present in different parts of lantana. However, furniture making from lantana requires specific size of stems and therefore large amount of biomass cannot be used effectively.

5. Objectives of the study:

Component A: Mapping of Lantana invasion

- i) Standardization of Geospatial technology for mapping of *Lantana camara* in selected forest areas

Component B: Removal and restoration of Lantana invaded areas and monitoring of eradicated sites.

- i) To coordinate /facilitate the exchange of existing knowledge on managing Lantana and other selected Invasive Alien Plant Species and encourage key stakeholders' participation
- ii) To carry out experimental removal and develop various restoration models for the prioritized Landscapes/ critical habitats
- iii) Long term monitoring of the holistic impacts of removal of Lantana in selected forests

Component C: Demonstration of value-added products from Lantana and Analysing the value chains and business models.

- i) To organize Workshop / Training for stakeholders on utilization of lantana and its composites for value-added products at IWST.
- ii) To organize outreach program through training and demonstration on product development (IWST).
- iii) To demonstrate technology of lantana briquettes through interactive meets with stakeholders, video, social media platform etc (IWST)
- iv) To demonstrate technology of lantana compost preparation and insect repellent through interactive meets with stakeholders, video, social media platform etc (IFGTB)
- v) Skill development on value added products from *Lantana camara* (FRI)
- vi) Design the suitable tools for the palletization and their applications as solid fuels/bioenergy and demonstration of the units and training to local/self-help groups (IIP)
- vii) Analyzing the value chains and business models for the existing uses of Lantana and to estimate the threshold levels of each business model for its economic/financial viability for the given business/technology cycle (IIFM)
- viii) Assessing the social-ecological sustainability of economically feasible models and Promoting knowledge synthesis and exchange for sustainable Lantana management solutions by creating a science-policy-practice hub (IIFM).

Timeline of the project: 5 years.

Financial Outlay and timeline of the project:

Head of Expenditure	1 st Year	2nd Year	3rd Year	4th Year	5th Year	Total
Recurring: Fellowship						
i) JPF – 5 Nos (First two years, Rs 20,000/month + HRA, 3rd year Rs.23,000/ month + HRA)						
ii) NRSC- Project Scientist -2 Nos (03 years; Rs 56,000/month + HRA)						
JRF – 1 No. (First two years, Rs 31,000/month + HRA 3rd year Rs.35,000/ month + HRA)						
iii) IIFM: Senior Research Associate: 2 Nos. @ 50,000/month (12 months)						
iv) IWST Component 2- JPF -1 No.						

v) CSIR – RPA -1 No.	54.99	42.99	43.64	16.30	16.30	174.22
Consumables	12.50	12.50	6.50	2.50	2.50	36.50
Travel	43.20	29.67	25.82	4.50	4.50	107.69
Contingency	22.83	21.96	17.89	2.50	2.50	67.68
Extension Training cost** for 8-10 no. of trainees in each training (3 nos) Stakeholder workshops (approx.3 workshops @ 50000 each) Publications and knowledge hub**** FRE# & Technology promotion *** Training Cost and Project coordination & Management cost *	21.35	18.30	18.30	0.00	0.00	57.95
Non-Recurring Equipment & Accessories: Cost of materials required including statutory taxes or duties (UAV data acquisition): 5 sites, Worldview stereo data: 1 site (dry and wet season), Cartosat 2E/3E: 5 sites, GPS- 5 Nos. Pelletiser and Cutter, Hammer, Conveyor, Burner	60.75	4.25	0.00	0.00	0.00	65.00
Institutional Charges 15%	18.79	14.38	13.60	3.87	3.87	54.51
Total	234.41	144.05	125.75	29.67	29.67	563.55
Eradication of Lantana/Plantation	465.00	130.00	126.00	88.50	76.00	885.50
Total Spatial, Eradication and Utilization	699.41	274.05	251.75	118.17	105.67	1449.05

Agenda item No. 11.

Agenda Item No.11: Project proposal on “Establishing Metapopulation of Cheetahs in India” of Rs. 57.30 crores by NTCA

NTCA has submitted Phase-II of the Project proposal on “Establishing Metapopulation of Cheetahs in India” of Rs. 57.30 crores in addition of earlier sanctioned amount of Rs.29.47 crores. The details are given below for consideration under Section 5. B.(iii) of the Compensatory Afforestation Fund Act, 2016. Detail proposal at

1. Name of Scheme: **Establishing Metapopulation of Cheetahs in India- Phase-II**
2. Implementing Agency: National Tiger Conservation Authority (NTCA)
3. Programme Division: NTCA
4. Scheme duration (start -end date): One year from 2022-23. Extendable as required after review
5. Scheme objectives: Establish viable cheetah metapopulation in India that allows the cheetah to perform its functional role as a top predator and provides space for the expansion of the cheetah within its historical range thereby contributing to its global conservation efforts.
6. **Additional Funds required: Rs. 57.30 crores**
Amount required for 2022- 2023: Rs. 57.30
Amount required for 2023- 2024:

Approval granted earlier in Phase-I

7. Funds sanctioned: Rs. 29.47 crore
8. Funds released: Rs. 20 crore
9. Funds utilized: Rs. 20 crore
10. UC for Rs. 20 crores submitted. Request for release of remaining amount of Rs. 9.47 crores received from NTCA.
11. Funds required for continuing scheme: Additional cheetah population to be translocated from Republic of South Africa
12. Delays/extension of scheme required, reason for delay: NA

The detailed project proposal is placed at **Annexure X**.

Agenda item No. 12

Agenda Item No.12: Status of Accounts and Reconciliation of CAMPA fund in the National Authority

The Annual Accounts of the National Authority were prepared for the period 2018-19 to 2021-22 and audit of the annual accounts of the National Authority for the four year was conducted by the C&AG Audit Team during August 2022. Audit Certificate has been issued by C&AG vide letter dated 04 November 2022.

Agenda item No. 13

Agenda Item No. 13: Update on Review Committee Meeting for reviewing of Schemes/ Projects supported from National Authority

Minutes of Project Review Committee meeting on schemes under National Authority, CAMPA held on 29.11.2022 & 30.11.2022 under the Chairmanship of Director General of Forests and Special Secretary, MoEF&CC

The meeting of the Project Review Committee was held on 29.11.2022 & 30.11.2022 in the Krishna Conference Hall, 4th Floor, Indira Paryavaran Bhawan, Jor Bagh, New Delhi.

At the beginning of the meeting the DGF&SS welcomed all the participants in the meeting and directed Chief Executive Officer (CEO), National Authority (NA) to initiate the meeting.

The CEO, NA briefed the purpose of holding the meeting of Project Monitoring Committee under the chairmanship of DGF&SS. The AS&FA and all ADG are members of the committee with CEO, NA as Member Secretary. The Project Monitoring Committee has been constituted pursuant to the direction in the 2nd meeting of Governing Body (GB) of National Authority held on 20.09.2022. In the GB meeting, it was observed that the progress of most of the schemes/projects being implemented by different agencies from the National Fund is quite slow and the released funds are not utilized efficiently. The CEO, NA informed that the Project Monitoring Committee (PMC) will review the progress and performance of the schemes/Projects implemented by different institutions through Programme Division of the Ministry.

CEO, NA further informed that the Committee will discuss the issues like when scheme/ project was started, its detailed objectives, amount approved & amount released by National Authority, amount utilised by implementing agencies along with achieved outcomes and the objectives/ outcomes are yet to be achieved. The committee will also go through the constraints/ difficulties in achieving the approved objectives and suggest the solutions to overcome these difficulties. The Committee may also revise/ foreclose programme objectives in view of slow progress/ long delays in implementation, if required.

AS&FA desired that the concerned Programme Division should take ownership of the schemes/ projects. He mentioned that he has observed that the funds are being asked much more than the actual requirement during the year which lead to huge unspent balances at the end of the financial year and IFD receives many proposals for revalidation. Further, estimates for schemes should be realistic and as per the actual requirements of activities in the scheme/projects. The funds should not be sublet or diverted from their defined objectives and should be spent as per relevant rules under GFR following due codal formalities.

Thereafter, DGF&SS asked the implementing agencies to make a presentation on schemes/ projects being implemented by them through various agencies/institutes. With the permission of the chair, presentations were made by various implementing agencies on the progress of the schemes implemented by them.

Agenda item No. 14

Agenda Item No. 14: Laying of draft annual reports of the year:

Following Draft Annual Reports are placed for information of Executive Committee.

- **2018-19**
- **2019-20**
- **2020-21**
- **2021-22**

Agenda item No. 15

Agenda Item No.15: Any other matter with the permission of the chair.

REQUEST FROM STATES FOR PURCHASE OF VEHICLES FOR FIELD STAFF.

Request from the States of Goa, Rajasthan and Punjab is received by the National Authority for purchase of vehicles for the field staff. The detailed proposals are placed for the consideration of the members of the Executive Committee in **Annexure XI**

NA-5/1/2020-NA
Government of India
Ministry of Environment, Forest and Climate Change
National Compensatory Afforestation Fund Management and Planning Authority
(National Authority)

Room No. A- 232, 2nd Floor,
Agni Wing, Indira Paryavaran Bhawan,
Aliganj Road, Jorbagh, New Delhi – 110003.

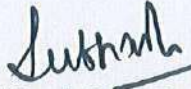
Dated: 08th December, 2022

OFFICE MEMORANDUM

Sub: - Minutes of 20th meeting of Executive Committee of the National Authority – reg.

Please find the minutes of 20th meeting of the Executive Committee of the National Authority held on 20th November, 2022 through hybrid mode under the Chairmanship of Director General of Forests & Special Secretary, Ministry of Environment, Forest and Climate Change the Chairperson of the Executive Committee of National Authority CAMPA for information and necessary action.

Encl: As above


(Subhash Chandra) 8/12/22
Chief Executive Officer
National Authority

Distribution:

1. Director General of Forests & Special Secretary, Ministry of Environment, Forest and Climate Change, Government of India – Chairperson;
2. Additional Secretary & Financial Adviser, Ministry of Environment, Forest and Climate Change, Government of India – Member;
3. Additional Director General of Forests (Forest Conservation), Ministry of Environment, Forest and Climate Change, Government of India – Member;
4. Additional Director General of Forests (Wildlife), Ministry of Environment, Forest and Climate Change, Government of India – Member;
5. Mission Director, National Mission of Green India, Ministry of Environment, Forest and Climate Change, Government of India – Member;
6. Head of all Integrated Regional Officers (IRO), Ministry of Environment, Forest and Climate Change, Government of India – Member;
7. Inspector General of Forests (Forest Conservation), Ministry of Environment, Forest and Climate Change, Government of India – Member;

Copy to:

1. The Chief Secretary, All States/UTs
2. Additional Chief Secretary/Principal Secretary/ Secretary, Department of Forest, All States/UTs
3. Principal Chief Conservator of Forests (HoFF), All States/UTs
4. CEO, State Authority, All States/UTs
5. IGF (NAEB)/IGF(SU)/IGF(FPD)/IGF(WL)/IGF(NTCA)/IG(ROHQ)

**MINUTES OF THE 20TH MEETING OF THE EXECUTIVE COMMITTEE OF THE
NATIONAL AUTHORITY.**

Venue: Aranya Bhavan, Gujarat Forest Department, Gandhi Nagar, Gujarat through Hybrid Mode (Personal Attendance and Video conferencing)

Date & Time: 9th November 2022 at 10.30 AM

The list of members and other participants who attended the meeting is attached at Annexure- A.

1. The 20th meeting of the Executive Committee (EC) of the National Authority was held on the 9th November 2022 under the chairmanship of the Director General of Forests & Special Secretary (DGF&SS), MoEF&CC, and Chairperson, Executive Committee of the National Authority. The Chief Executive Officer (CEO), National Authority (NA) welcomed the DGF &SS, the Chairman of EC and all other members of the Executive Committee and the officers present in the meeting. He also welcomed all the non-official experts who attended the EC meeting for the first time after their nomination.
2. The DGF&SS welcomed all the non-official expert members and introduced them to the other members of the Executive Committee and officers present in the meeting online. He urged Non-official Members for giving their views and guidance in the meeting and informed that the Executive Committee takes due care while considering the APOs from State Authorities as per the provisions of the Compensatory Afforestation Fund (CAF) Act, 2016, and CAF Rules, 2018.
3. The CEO, National Authority made a brief presentation on the background and salient features of the Compensatory Afforestation (CAF) Act, 2016 and CAF rules 2018. He explained the procedure for submission and approval of Annual Plan of Operations of States/UTs and the schemes supported from the National Fund and role of Executive Committee of the National Authority.
4. CEO highlighted that some states/UTs are not releasing CAMPA Funds for taking up the CAMPA works/ activities as per the approved APO which is affecting the achievements and outcomes, which are time-bound and linked to compliance of FC approvals. The State Steering Committees should review the progress of implementation of CAMPA activities time to time and release of required funds well in time. The Chairman directed CEO, NA to put up details of States/UTs for seeking their attention on long delays in releasing CAMPA funds and ensuring timely release as the APOs have been approved for all the States timely. non-release of CAMPA Funds by the States/UTs issue letter to the Chief Secretaries of States/UTs
5. The EC directed States/UTs for completing the works approved in APO within the year and avoid any spill over for the next year. It is important to complete mandatory

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activities first and utilise the released funds for maintenance of CAMPA activities under NPV & Interest components before starting new activities.

6. It has observed that some of the States/UTs are proposing engagement of Casual labours for protection of Forests for the entire State. It clarified that such item can be considered only for around the forest areas where the land transfer has taken place and need special protection owing to the developmental activities.
7. The Chair directed CEOs of States/UTs Authorities to work out details of funds available with the State CAMPA head-wise under CA/ CAT Plan/ Wildlife Mitigation Plan, NPV and interest components etc. after deducting the expenditure incurred and prepare Annual Plan of operation for next year based on funds available. Priority should be given to the mandatory activities including commitment on maintenance of previous years.
8. Thereafter, with the approval of DGF&SS, the agenda items of the Executive Committee were taken up for detailed discussion.

AGENDA ITEM NO 1. CONFIRMATION OF MINUTES OF THE 19TH MEETING OF THE EC OF THE NATIONAL AUTHORITY: The Executive Committee confirmed the minutes of the 17th meeting of EC held on 20th September 2022.

AGENDA ITEM NO. 2: ACTION TAKEN REPORT ON 19TH MEETING OF THE EC:

The CEO, NA presented the action taken on the decision of the 19th Executive Committee. The action taken report on the decision of the 19th meeting of the EC of the National Authority was perused and noted.

AGENDA ITEM NO.3: APPRISING THE EXECUTIVE COMMITTEE OF NATIONAL AUTHORITY ABOUT SECOND MEETING OF GOVERNING BODY AND 6TH MEETING OF THE MONITORING GROUP OF THE NATIONAL AUTHORITY.

The CEO, National Authority informed about the Second Meeting of the Governing Body held on 20.09.2022 under the chairmanship of Hon'ble Minister, Environment, Forest & Climate Change and explained briefly on the decisions taken in the meeting. He also informed about the 6th meeting of Monitoring Group which was held on 27th October, 2022 at FSI, Dehradun.

Decision: The Committee noted the information.

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PART A- APPROVAL OF ANNUAL PLANS OF OPERATIONS 2022-2023

AGENDA ITEMS NO: 4 TO 14

Decision: The Executive Committee discussed the deferred activities on APOs for the FY 2022-2023 from 11 State Authorities (Andaman and Nicobar, Arunachal Pradesh, Assam, Chhattisgarh, Jammu & Kashmir, Mizoram, Odisha, Punjab, Sikkim, Tripura, Uttarakhand) in detail and approved certain activities under CAF Act, 2016 and CAF Rules, 2018 as such or after some modifications.

AGENDA ITEM NO.4: ANNUAL PLAN OF OPERATION (APO) FOR THE YEAR 2022-23 OF ANDAMAN AND NICOBAR STATE AUTHORITY

Decision: Annual Plan of Operation for the financial year 2022-23 has been received from the form the Andaman and Nicobar State CAMPA Authority. The State Steering Committee of State CAMPA has approved the Annual Plan of Operation (APO) in its for an outlay of **Rs.15.73 crores** only for the year 2022-23. During 17th meeting of Executive Committee of the National Authority has approved an **amount of Rs.6.91crore** and activities amounting to **Rs.8.82 crores deferred.**

The Executive Committee deliberated deferred activities and approved the APO of 2022-23 with financial outlay of **Rs.4.06 crore** and remaining activities are deferred and not approved. The details of approved activities as per following component wise details.

(Amount in Rs. Crore)

Sl. No.	Activity	Proposed Outlay		CAF Rules	Remarks
		Physical Target (in ha./Km/nos)	Financial Target		
II	Conservation of Wildlife and Management of Protected Areas in Great Nicobar Island/ Nicobar Islands				
A	Consolidation of Sanctuary area				
i	Survey and demarcation of Sanctuary boundaries (@Rs.5 lakhs for each PA)	As per APO	0.10	5(2)(i)	Not approved
ii	Erection of boundary pillars of 1.2m X1.2Mx1.0m masonry structure in land areas and floating buoys in water areas (@ Rs. 10 lakhs for each PA)	As per APO	0.20	5(2)(d)	Not approved
B	Strengthening of Protection measures				
I	Establishment of protection Camps in GNI	4	0.30	5(3)(e)	
ii	construction of Watch towers	2	0.20	5(2)(d)	
iii	Establishment of a Camp office	1	0.20	5(3)(e)	
iv	Procurement of boat	1	0.75	5(2)(d)	Not approved

Sumal

Sl. No.	Activity	Proposed Outlay		CAF Rules	Remarks
		Physical Target (in ha./Km/nos)	Financial Target		
v	Procurement of Dugout Dinghies	2	0.15	5(2)(d)	
vi	Procurement of utility vehicle	2	0.20	5(2)(d)	Not approved
vii	Establishment of wireless stations including repeater/ mobile facility with handheld sets	2	0.10	5(2)(d)	Not approved
C	Habitat Improvement and Management activities				
i	Forests, Near Shore Habitats, Intertidal Habitats, Pelagic habitats, Coral Reefs and Seafloor Habitats	As per APO	0.10	5(2)(d)	Not approved
ii	Identification and management of Megapode mounds including abandoned ones	As per APO	0.10	5(2)(d)	Not approved
D	Research and monitoring				
i	Survey and assessment of terrestrial animals, birds, benthic invertebrates, fishes, seabirds, and marine animals	1	0.1	5(3)(g)	
ii	Monitoring studies on Coral Reefs and improvement of reef areas	1	0.15	5(2)(d)	
iii	Monitoring studies on Nicobar Megapode and its habitat	1	0.15	5(2)(d)	
iv	Procurement of Scuba Diving Equipment viz. BCDs, Depth gauge, Pressure gauge & Compass, Dive Computer, Scuba tanks/ Cylinders, masks, snorkels, wetsuits, fins, gloves, weight belts, Tank Bangers, Defoggers, Dive knives, underwater lights, writing states, and Dive long book, and one high pressure Scuba air Compressor portable and underwater camera	10 sets	0.15	5(2)(d)	
v	Establishment of a weather station	1	0.03	5(2)(d)	Not approved
E	Turtle Management Programme				
i	Beach management protection from predators	As per APO	0.05	5(2)(d)	
ii	Hatchery management Establishment of hatchery, Collection of eggs and its maintenance in Hatchery, release of hatchlings back into sea, Protection from predators	1	0.10	5(2)(d)	

Sl. No.	Activity	Proposed Outlay		CAF Rules	Remarks
		Physical Target (in ha./Km/nos)	Financial Target		
F	Education and outreach activities				
i	Preparation of Management Plan/ Conservation Plan for Leatherback turtles	1	0.20	5(2)(d)	Deferred (Details to be submitted)
ii	Preparation of management Plan/ Conservation Plan for Megapode	1	0.20	5(2)(d)	
iii	Training programmes for frontline staff and other stakeholders	2	0.02	5(2)(d)	
iv	Documentary on Leatherback Turtle/ Megapode	2	0.04	5(2)(d)	
g.	Recreation and Wildlife Tourism activities				
i.	Visitor amenities - 4 umbrella huts and 2 wash rooms	As per APO	0.15	5(2)(d)	Not approved
ii	Nature Trail	As per APO	0.05	5(3)(d)	Not approved
IV	Infrastructure for Protection				
A	Inspection Path (6 feet wide) from North bay light House to Old Madhuban, Old Madhuban to Mirchidera, and Mirchidera to Shoal Bay 19	26 km	1.3	5(3)(d)	Not approved
B	Inspection Path from Badakhadri to Jhaji beach Rutland	10KM	0.3	5(3)(d)	Not approved
C.	Inspection huts at Jhaji Beach	1	0.3	5(3)(e)	
D	Inspection Log huts at Pongibalu	1	0.45	5(2)(d)	
E	Protection Camp at Shalbay 19	1	0.3	5(3)(e)	
F	Protection Camp at Mirchi Dera	1	0.3	5(3)(e)	
G.	Protection Camp at Madhuban	1	0.3	5(3)(e)	
H	Construction of Inspection Hut at Diglipur	1	0.3	5(3)(e)	
I	Construction of Inspection Hut at Mayabunder	1	0.3	5(3)(e)	
A	Fibre coated Engine Dinghies with 20 hp engines	4	0.4	5(2)(d)	Not approved
B	Procurement of Multi Utility Vehicle	4	0.4	5(2)(d)	Not approved
C	Procurement of motorcycle	20	0.2	5(2)(d)	Not approved
	Grand total Approved		4.06		
	Grand total Deferred		0.20		
	Grand Total Not Approved		4.38		

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AGENDA ITEM NO.5: ANNUAL PLAN OF OPERATION (APO) FOR THE YEAR 2022-23 OF ARUNACHAL PRADESH STATE AUTHORITY

Decision: Annual Plan of Operation for the financial year 2022-23 has been received from the form the Arunachal Pradesh State CAMPA Authority. The State Steering Committee of State CAMPA has approved the Annual Plan of Operation (APO) in it's for an outlay of **Rs.199.28 crores** only for the year 2022-23. During 18th meeting of Executive Committee of the National Authority has approved an **amount of Rs.194.06 crore** and activities amounting to **Rs.5.217 crores deferred.**

The Executive Committee deliberated deferred activities and approved the APO of 2022-23 with financial outlay of **Rs.3.07 crore** and remaining activities are not approved. The details of approved activities as per following component wise details.

(Rs. in Crore)

S. No.	CAF Act/Rules	Activity	Proposed Outlay		Remarks
			Physical Target (in ha.)	Financial Target (in Crore)	
1. Activities as per Rule5 (3) of the CAF Rules, 2018 (20%)					
	5(3)(f)	Casual engagement of local people or labours for protection of forest and wildlife undertaken from State Fund	274 Nos.	2.19	Rs. 2.19 crore approved Subject to verification of details of labour by PCCF and a certificate sent to NA)
2. Activities as per Rule 6(a) (60%)					
	6(a)(iv)	Operationalization branches of State Authority.	48 Nos.	0.72	Not approved
	6(a)(vi)	Professional fee for Audit etc.	As per APO	0.30	Approved Rs.0.08 crore out of Rs.0.30 crore as actual expenditure
	6(a)(vi)	Third Party Monitoring	As per APO	0.90	Approved Rs.0.80 crore out of Rs.0.90 crore as actual expenditure
		Grand Total Approved		3.07	
		Grand Total Not approved		0.72	

Subtotal

AGENDA ITEM NO.6: ANNUAL PLAN OF OPERATION (APO) FOR THE YEAR 2022-23 OF ASSAM STATE AUTHORITY

The CEO, State Authority made a presentation on the agenda item stressing the urgency of its consideration as an additional APO 2022-23 for providing land compensation to affected families at Kaziranga National Park on 27.08.2022 with an outlay of Rs. 53.16 crore. The activity is permitted in the Rule - 5(2)(h), Voluntary relocation of villages from protected areas (CAF Rules 2018).

Project Name	LA Case No.	Area	Value of land in Rs.	Value of Assets in Rs	Solatum in Rs.	Additional Compensation @12% in crore	Total Amount (in crore)
2 nd Addition of KNP	4/1989-90	190B,2K,14L	0.61	0.74	6.81	0.36	13.25
3 rd and 5 th Addition of KNP	2/1991-92	11 B,1K,11L	0.38	0.0044	0.34	0.0023	0.79
	1/1991-92	321B, O.K,19L	10.80,	0.03	10.83	0.065	22.32
	3/88-89	305 B,3K,17L	9.74	0.21	9.95	0.058	20.49
Total Area		827 B,6K,61L				Total	56.86

Decision: EC after detailed discussion approved the proposal considering that the relocation of villages from Kaziranga National Park will immensely benefit wildlife habitat and ecosystem of the Protected Area by significantly enhancing ecological services and reducing man-animal conflicts. The EC further directed that the relocation process should be voluntary and strictly as per guidelines of NTCA and the policies of the State Government. Further it should ensure that the relocation is permanent and complete. The relocated families should be brought to the mainstream of development process. The State Government should confirm the completion of the work of village relocation of the people from the protected area.

AGENDA ITEM NO.7: ANNUAL PLAN OF OPERATION (APO) FOR THE YEAR 2022-23 OF CHHATTISGARH STATE AUTHORITY

Decision: During 16th meeting of Executive Committee of National Authority has approved APO of 2022-23 with financial outlay of **Rs. 566.54 crore** and deferred **Rs 267.85 crore** out of proposed outlay of **Rs. 945.85 crore**.

2. In 17th EC meeting Executive Committee the agenda was deliberated and approved the APO of 2022-23 with financial outlay of **Rs.138.32 crore** and deferred activities amounting to **Rs.320.05 crore**. The State Authority submitted the detailed justification for the deferred items amounting to **Rs.120.74 Crore** as well as for the spill over and requested the approval of these items being very important.



3. The Executive Committee deliberated deferred activities and approved the APO of 2022-23 with financial outlay of **Rs.69.55 crore** and remaining activities are not approved. The details of approved activities as per following component wise details.

(Rs. in Crore)

Sl. No.	CAF Rules	Activities	Physical (Ha/Nos./KM/)	Amount (In Rs. Crore)	Remarks
A.		80% of NPV (As per CAF Rules 2018-Rule 5 (2))			
1.	5(2) (d)	Running Group Dialling System for Connecting of Office & field staff for protection & Development Purpose	2500 Sim Cards	0.55	Approved for Rs. 0.55 crores being committed liabilities (In future the item will not be considered)
2.	5(2) (g)	Soil Moisture conservation, Plantation & Catchment Area Development (Project Formulation by G.O.I., MoEF& CC by LiDAR Technic)	607 Nos. & 663.90 Ha.	16.54	Not approved
3.	5(2)(d) 5(2)(a) 5(2)(b)	Maintenance and Committed Liabilities River bank, Fruit Bearing Plantation & Forage/Grass land 2nd to 5th Yr. Maintenance of Old Plantations, Lantana & Improvement of Growing Stock in orange areas & Soil Moisture conservation work for stream rejuvenation etc.	1714442.130 Ha.	99.01	Approved for Rs.69.00 crore out of Rs.99.01 crore
B.		20% of NPV (As per CAF Rules 2018-Rule 5 (2))			
	5(3) (d)	Construction of High-tech Barrier	29 Nos.	4.64	Not approved
		Grand Total approved		69.55	
		Grand Total Not approved		21.18	

4. **Spill over of APO 2021-22 & Additional APO 2021-22:-** The Executive Committee deliberated the Spill over APO and approved with financial outlay of **Rs.1144.34 crore** and remaining activities are not approved.

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The details of approved activities are as under: APO 2021-22 (Addl. APO 2022) Ongoing Works

(Rs. in Crore)

Sr No.	Works Name	Target		Spill Over Amount	Remarks/ Approved
		Physical	Financial		
1	2	3	4	8	
Table- 01, Mandatory Works					
1	Compensatory Afforestation Plantations	3901.213 ha.	57.47	17.28	
2	Addl.CA Plantations	2.25 ha.	0.04	0.00	Not approved (to be included in the next year APO)
3	Penal CA Plantations	29 Ha.	0.49	0.25	Approved Rs. 0.17 crores out of Rs. 0.25 crores
4	Plantations below Transmission line	210.077 ha	3.15	2.02	Approved of Rs.0.94 crores out of Rs. 2.02 crores
5	Creation of safety Zone	5 ha.	0.06	0.00	Not approved
6	Wildlife Management Plan	LS	110.16	53.44	Approved Rs. 23.87 crores out of Rs. 53.44 crores
7	Soil-Water Conservation Work	4336.98 ha.	4.85	3.59	Not approved
8	Avi-Fauna Development	7 Division	12.98	12.98	Not approved
9	Other activities	22 Works	0.85	0.77	Approved of Rs. 0.17 crores out of Rs. 0.77 crores.
10	Maintenance of Committed liabilities Old CA Plantation & Wildlife Management Plan(2nd to 10th year)	30889 Ha.	119.85	17.01	
80% of NPV (As per CAF Rules 2018-Rule 5 (2))					
11	Rehabilitation of Existing degraded Bamboo Plantation & RD BF Areas	24257.611 ha.	15.06	9.06	Approved of Rs. 4.01 crores out of Rs. 9.06 crores
12	Regeneration & Protection of Forest in highly Sensitive Areas	3312.20 Ha.	60.74	54.87	Approved of Rs. 35.07 crores out of Rs. 54.87 crores
13	ANR (Added Natural regeneration of Economically Valuable Specific species)	11500.213 Ha.	12.57	6.38	
14	Irrigated Miscellaneous Plantation	1258 ha.	20.15	16.63	Approved of Rs. 9.66 crores out of Rs.16.63 crores
15	Irrigated Bamboo Plantation	500 ha.	5.32	3.15	

Sumal

Sr No.	Works Name	Target		Spill Over Amount	Remarks/ Approved
		Physical	Financial		
16	Un Irrigated Bamboo Plantation	2621 Ha.	10.74	5.59	Approved of Rs. 4.10 crores out of Rs.5.59 crores
17	River Bank Plantation/Plantation and Treatment ICFRE	6029 ha.	127.45	114.77	Approved of Rs. 8.45 crores out of Rs. 114.77 crores
18	Multi-tier plantation	189.270 ha.	0.59	0.32	Approved of Rs. 0.30 crores out of Rs. 0.32 crore
19	Other plantation	50 ha.	0.85	0.08	0.08
20	Development of Seed Collection/Production Center-SPA's, SS O's, CSO's Maintenance Works as per sanctioned project	953.360	3.50	0.74	
21	(a) Improvement of Growing stock in orange areas with plantation	7271.293 ha.	5.57	2.16	Approved of Rs. 0.86 crores out of Rs. 2.16 crore
22	(b) Improvement of Growing stock in Orange areas without plantation	5763.49 Ha.	10.68	6.42	Approved of Rs. 5.54 crores out of Rs. 6.42 crore
23	Eradication of the Invasive alien species Lantana	311837.734	162.15	18.40	
24	Eradication of the Invasive alien species Eupatorium	97884.350 Ha.	51.60	23.05	Approved of Rs. 5.34 crores out of Rs. 23.05 crore
25	Fire Protection - during the fire Session 15 Feb. To 15 June by Fire Watcher Engaged of Local Resident	4126 Beat	30.54	15.96	Approved of Rs. 3.32 crores out of Rs.15.96 crore
26	Purchase of Firefighting equipment & their maintenance				
27	(a) Back Pack Fire Blower	1600 Nos.	17.00	6.98	Not approved
28	(b) Fire extinguisher	248 Nos.	1.74		Not approved
29	(c) Brushwood Cutter	248 Nos.	1.74	1.74	Not approved
30	(d) Pole Saw	248 Nos.	1.74	1.74	Not approved
31	(e) Power Chain Saw	248 Nos.	2.48	2.48	Approved of Rs. 0.54 crores out of Rs. 2.48 crore
32	(f) Maintenance Works	LS	2.00	2.00	Approved of Rs. 0.57 crores out of

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Sr No.	Works Name	Target		Spill Over Amount	Remarks/ Approved
		Physical	Financial		
					Rs. 2.00 crore
33	Major Repairing Vehicle	150 Nos.	1.58	0.00	
35	(b)Patrolling in most sensitive areas Wildlife wings & Territorial) 10 Labours for each Forest Division	40 Divisions	9.00	0.60	
36	Running Group Dialing System for Connecting of Office & field staff for protection & Development Purpose	2500 Sim Cards	0.51	0.22	Not approved
37	Protection Wall	36391 RM	31.32	14.14	Approved of Rs. 4.69 crores out of Rs. 14.14 crore
38	Chain Link Enclosure	155285 RM			
39	Conservation & Protection of Sacred Wood land inside the forest areas	142 Nos.	10.76	6.71	
40	Block boundaries (Pillars)	5000 Nos.	4.30	0.00	Not approved
41	Block boundaries in PA's (Pillars)				
42	Elephant Proof Trench	20 km	3.69	0.00	Not approved
43	Pest & disease	4 WL Circles	0.99	0.99	
44	Protection of Wild animals in forest fringe areas	22219 R.m	3.26	3.26	
45	Strengthening of communication (c) GPS & other device (32 Divisions)	600 Nos.	1.00	1.00	
46	DGPS Survey in forest areas (Balodabazar, Manendragarh, Korba, Bilaspur, Kanker, Mahasmand] Khairagarh, Surajpur, Balrampur, Kondagoan Division	1393526	59.94	59.94	59.94 (Matter pending in High court)
47	Creation of New Fire Line	8668.5 K.m.	1.22	0.70	Approved of Rs. 0.22 crores out of Rs. 0.70 crore
48	Soil Moisture conservation work for stream rejuvenation (Territorial) inside the forest areas	698 Nos.	672.86	345.15	
49	Soil Moisture conservation work for stream rejuvenation (Wild life) inside the forest areas	45 Nos.	53.18	32.15	
50	Construction of water Harvesting Structures	85 Nos.	85.94	54.07	

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Sr No.	Works Name	Target		Spill Over Amount	Remarks/ Approved
		Physical	Financial		
52	Soil Moisture conservation, Plantation & Catchment Area Development (Project Formulation by G.O.I., MoEF&CC by LiDAR Technic) (Project Area 9608 Ha.)	607 Nos. 663.90 Ha.	15.00	12.40	
53	Grass land/Pasture development (with Seed Sowing)	18990.32 ha.	37.15	9.08	
54	Grass land/Pasture development (Without Seed Sowing)	3072 Ha.	5.74		
55	Fruit Bearing Plantation	2138 ha.	14.10	7.66	
56	Conservation of Hill Maina (KangerGhati N.P.)	1 division	0.46	0.33	Approved of Rs. 0.20 crores out of Rs. 0.33 crore
57	Conservation of Vulture (ATR, GGNP, Bijapur, Durg division)	4 division	1.34	1.13	
58	Research project on Pangolin	1 division	0.05	0.02	
59	Radio collaring of Tigers	WL areas	0.04	0.04	
60	Documentation of Grasses on the Protected areas of CG	9 WL Div. Protected areas	0.08	0.08	Not approved
61	Establishment of Elephant Reserve Lemru (5 Divisions@20 crores)	5 Divisions	90.51	83.20	Approved of Rs. 78.37 crores out of Rs. 83.20 crore
62	Village relocation (3 villages 70 families)	70 Families 03 Vilages	7.70	0.00	Not approved
63	Planting and rejuvenation of forest cover in Wildlife Corridor (Achanakmarkanhar)	36306 Ha.	21.29	21.00	
64	Animal rescue centre Raipur, Sanctioned by CZA	3 Nos.	2.58	1.69	
65	Maintenance of Committed Liabilities River bank, Fruit Bearing Plantation & Forage/Grass land 2nd to 5th Yr. Maintenance of Old Plantations, Lantana & Improvement of Growing Stock in orange areas & etc.	256462 Ha.	97.87	20.43	
	Proposed work under 20% of NPV as per CAF Rules 2018-5 (3)				
66	Construction of Hi-tech Nursery for Plant Production	22 Nos.	81.68	66.87	

Signature

Sr No.	Works Name	Target		Spill Over Amount	Remarks/ Approved
		Physical	Financial		
68	Preparation of PBR	5423.00	54.96	31.44	
69	IT in Forestry, Monitoring & Evaluation/ICFRE - Monitoring & Evaluation/Up gradation of FMIS division with Procurement of software GIS	6 Geomatic Center & 04 Division For ICFRE, 01 FMIS division	6.46	0.38	
70	Hi-tech Barrier	25 Nos.	4.00	2.17	
71	Construction of inspection path (Murram Road)	130.2 Km.	8.46	4.02	
72	Up gradation of Forest Road in Forest areas (only WBM Road) (Territorial) Forest Road mentioned in the working plan	1137.00	166.55	134.23	
73	Construction of Causeway/Culvert (Territorial) on forest road mentioned in the working plan	401	37.61	31.23	
74	Construction of Watch Tower	1 Nos.	0.40	0.40	
75	R.O. Office Building	23 Nos.	4.78	3.28	
76	R.O.- Residential Building	27 Nos.	4.13	3.26	
77	Forester/Dy.R.O. - Residential	74 Nos.	5.96	5.35	
78	Forest guard - Residential	95 Nos.	5.11	4.03	
79	Development & Staff Amenities	40 Divisions	23.55	15.08	
80	Preparation of DPR	10 Circle & 40 Divisions	11.17	10.64	Approved of Rs. 0.38 crores out of Rs. 10.64 crore
81	Publicity/Awareness Programme/ICFRE	All Circle	9.69	9.51	Approved of Rs. 5.00 crores out of Rs. 9.51 crore
82	Plant Production for Govt. Land (distribution in Subsidised Rates)	16 lakhs Plants	2.76	0.97	
83	Forest certification and development of certification standards	All Divisions	0.75	0.75	Not approved
Grand Total approved				1144.34	
Grand Total not approved				28.08	

Note: CEO State CAMPA to confirm that plantation & other works are completed.

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AGENDA ITEM NO.8: ANNUAL PLAN OF OPERATION (APO) FOR THE YEAR 2022-23 OF JAMMU & KASHMIR STATE AUTHORITY

Decision: Annual Plan of Operation for the financial year 2022-23 has been received from the form the Jammu & Kashmir State CAMPA Authority. The State Steering Committee of State CAMPA has approved the Annual Plan of Operation (APO) in it's for an outlay of **Rs.297,65 crores** only for the year 2022-23. During 16th meeting of Executive Committee of the National Authority has approved an **amount of Rs.281.42 crore**.

2. The Executive Committee deliberated deferred activities and approved the APO of 2022-23 with financial outlay of **Rs.1.86 crore**. The details of approved activities as per following component wise details.

(Rs. in crore)			
Activities for which additional approval is required	Amount proposed in the APO 2022-23	Additional approval required for APO 2022-23	Approved
Wildlife management related activities under rule 5(2) of the CAF Rules, 2018 (NPV)			
Habitat Management (Wetlands)			
De-weeding operation in wetlands	0.15		Approved. IRO to inspect and submit the progress
Release of fish, bird feed in wetlands	0.15		
Protection and development of turtle breeding ground	0.21		
Desilting	0.59		
Miscellaneous works (construction of pools, waterways, embankments, etc.)	0.44		
Total	1.54	1.16	1.16
Publicity cum awareness programme & exhibitions etc.			
Publicity and Awareness	0.39		
Training & Capacity Building	0.09		
Workshop	0.06		
Awareness and education-Events, documentaries and multi-media	0.30		
Total	0.85	0.45	0.45
Site specific activities as per section 6 (a) of the CAF Act, 2016 Environment Management Plan-Mitigation Plan of Kishtwar High Altitude National Park (KHANP) under Chenab Valley Power Project			
Survey & Mapping	1.22	0.25	
Total	3.66	1.86	1.86

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3. Spill over works 2021-22

The Executive Committee deliberated Spill over works 2021-22 and approved the Spill over works APO of 2021-22 with financial outlay of **Rs.16.05 crore**. The details of approved activities as per following component wise details.

				Rs. in crore
Sl No	Activities for which additional approval is required	Amount proposed in the APO 2022-23	Approval of APO 2022-23	Remarks
1.	Forest Infrastructure related activities under Rule 5(3) of the CAF Rules, 2018(NPV)			
	Survey & Mapping/point sampling	1.08	0.58	
2	Training & Capacity Building			
	Training/Workshop	0.30		
	Training & Capacity Building	1.31		
		1.62	0.61	
3	Documentation			
	Documentation and publication	0.13		
	Documentation- documentation	0.25		
		0.38	0.18	
4	Publicity-cum-awareness			
	Awareness and education-events, documentaries and multimedia	0.21		
	Publicity and awareness-publicity/awareness	0.66		
		0.87	0.67	
5	Expenditure covered under Rule 6(a) of central CAF Rules,2018			
	Outsourcing of upkeep for need based persons and allowance to non-official members of executive/Steering Committee of CAMPA	0.90	0.40	
6	Expenditure covered under Rule 6(b) of Central CAF Rules, 2018			
7	Books Periodicals and Publications	0.10	0.05	Published reports/material should be sent to the National Authority
8	Supplementary APO for the FY 2022-23 Committed liability and Spill over against approved APO 2021-22	10.05	10.05	
9	Interest component required for meeting increase wages of casual watch and wards	3.51	3.51	
	Grand total approved		16.05	

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AGENDA ITEM NO.9: ANNUAL PLAN OF OPERATION (APO) FOR THE YEAR 2022-23 OF MIZORAM STATE AUTHORITY

Decision: The EC desired CEO State CAMPA should take up the matter with the State Government for release of approved outlay of APO Rs.16.75 crores and inform the National Authority.

AGENDA ITEM NO.10: ANNUAL PLAN OF OPERATION (APO) FOR THE YEAR 2022-23 OF ODISHA STATE AUTHORITY

The Chief Executive Officer, CAMPA of Odisha vide letter No. State Authority/2022-23/16009 dated 17-08- 2022 requested approval for the items deferred by Executive Committee during 16th and 19th EC meeting of National Authority.

2. During 19th meeting, Executive Committee deliberated the agenda and approved the APO of 2022-23 with an amount of **Rs.1147.33 crores** out of Rs. **1241.34 crores** (Rs.772.92 crores in 1st Phase + Rs.371.41 crores in 2nd Phase). The EC deferred activities amounting to **Rs. 12.99 crore**. The State Authority submitted the detailed justification for the deferred items amounting to **Rs.12.99 crore**. Further, EC partly/not approved some activities like Plantation and Wildlife Management etc. of an outlay of **Rs.81.08 crores**, out of which an amount of **Rs.18.8 crores** are yet to be approved by the National Authority.

3 The Executive Committee deliberated deferred activities and approved the APO of 2022-23 with financial outlay of **Rs.1.12 crore** and remaining activities are not approved. The details of approved activities as per following component wise details.

Sl. No.	CAF Rule	Detail Activity	Physical Target	Financial Outlay as per APO (Rs. in crores)	Remarks
A.	Activity proposed under (80% NPV)				
Management of biological diversity and biological resource					
1.	Rule 5(2)(i)	Augmentation of food and water resources	As per APO	11.03	Rs. 1.12 crores approved for committed expenditure on plantation around water bodies, plantation maintenance and Saltlicks
2.	Rule 5 (2)(b)	Miyawaki Plantation @8000 Plant/Ha	As per APO	1.96	Not approved
Grand total approved				1.12	

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3. The Odisha State Authority has also submitted the compliance to the partly approved activities of APO 2022-23, as under viz.:

The Executive Committee deliberated deferred activities and approved the APO of 2022-23 with financial outlay of **Rs.49.38 crore** and remaining activities are not approved. The details of approved activities as per following component wise details.

Sl. No.	CAF Rule	Detail Activity	Physical Target	Outlay proposed in APO	Outlay to be approved	Approved
1.	Rule 5(2)(a)	ANR Plantation (0th + 1st Year				
		Vanya Silk @ 500 plant/ha	1877 Ha	11.80	6.20	5.60
		Fodder and Fruits @ 500 plant/ha	2760 Ha	17.35	8.67	8.68
		RET/Medicinal @ 200 plant/ha	2452 Ha	7.67	3.93	3.74
						18.80
2.	Rule 5 (2)(d)	Protection of Forests				
		Protection of Forest through consolidation of Geo Referencing of Notified Forest Block 13046.87 KM ² and 3965.17 KM ² of Revenue and Deemed Forest area	As per APO	30.00	15.00	Rs 8.00 crores approved out of Rs.15.00 crores
		Protection of forest through provisioning of mobility by hired vehicle (whole year)	316	16.31	8.16	Rs 4.08 crores approved out of Rs.8.16 crores
Forest Fire Prevention and control operations						
3.	Rule 5(2)(f)	Awareness Campaign in the ranges	283	1.42	0.42	Not approved
4.	Rule 5(2)(m)	Promoting conservation, sustainable use, chronicling of biological diversity		3.00	0.42	0.42
Wildlife Management						
5.	Rule 5(2)(i)	Monitoring Assessment of WL Habitat	As per APO	19.45	2.45	Not approved
6.	Rule 5(2)(m)	Biodiversity assessment in protected areas	Biodiversity Assessment in protected areas	17.91	10.91	Not approved
C. Activities proposed under 20% NPV						
7.	Rule 5(3)	Capacity Building of		2.00	1.00	Not approved

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Sl. No.	CAF Rule	Detail Activity	Physical Target	Outlay proposed in APO	Outlay to be approved	Approved
		frontline forest staff and other stake holders				
8.	Rule 5(3)(a)	Improvement of Permanent Nursery including creation of Vermi-compost unit	600	9.00	4.50	Not approved
9.	Rule 5(3)(c)	Up-gradation of Communication and information Technology, Geo-ICT facility-based Server infrastructure, maintenance and procurement of IT Equipment and evices		17.34	12.34	12.34
10.	Rule 5(3)(h)	Monitoring & Evaluation		4.5	1.50	Not approved
11.	Rule 5(3)(i)	Publicity Awareness (Forest Museum at Botanical Garden, Nandankanan/Facilitation Centre)		5.00	2.50	Not approved
Wildlife Management						
12.	Rule 5(3)(i)	Publicity, Awareness etc. in PA's and Wildlife rich areas		2.00	1.00	Not approved
Grand Total Approved						49.38
Grand Total Not Approved						26.24

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AGENDA ITEM NO.11: ANNUAL PLAN OF OPERATION (APO) FOR THE YEAR 2022-23 OF PUNJAB STATE AUTHORITY

Decision: Annual Plan of Operation for the financial year 2022-23 has been received from the form the Punjab State CAMPA Authority. The State Steering Committee of State CAMPA has approved the Annual Plan of Operation (APO) in it's for an outlay of **Rs.239.93 crores** only for the year 2022-23. During 19th meeting of Executive Committee of the National Authority has approved an **amount of Rs.159.78 crore** and activities amounting to **Rs.80.15 crores deferred.**

The Executive Committee deliberated deferred activities and approved the APO of 2022-23 with financial outlay of **Rs.43.28 crore**. The details of approved activities as per following component wise details.

S. No.	CAF Act/Rules	Activity	Rs. in crore		Remarks
			Proposed Outlay		
			Physical Target (in ha.)	Financial Target	
1.	Site Specific Activities as per Section 6(a) of the CAF Act, 2016				
	5 (2)	Artificial Regeneration (By Plantation)			
	5 (2)(b)	Maintenance of Irrigated Bamboo Plantation in Forest area	Maintenance 145 ha.	0.71	
	5 (2)(c) (g)	Silvicultural operations in forest, Soil and Moisture Conservation works in the Forest	As per APO	17.20	Approved Rs. 1.82 crores out of 17.20 crores
	5 (2)(d) (e) (f)	Protection of plantation and Forest, Forest Fire prevention, control operations and Pest and disease control in Forest	As per APO	22.87	Approved Rs. 13.64 crores out of 22.87 crores
	5 (2)(i)	Biodiversity Management in Wildlife	As per APO	10.02	Approved Rs. 9.82 crores out of 10.02 crores 9.82
3	Activities as per Rule 5 (3) of CAF rules, 2018				
	5 (3) (e)	Construction of residential and official buildings in forest for Frontline staff up to the rank of Range officers deployed for protection of forest and wildlife, Construction, up-gradation and maintenance of inspection paths, forest roads in forest area, fire lines, watch towers, check posts etc.	As per APO	3.02	Approved Rs. 2.00 crores out of 3.02 crores
	5 (3) (g)	Survey and mapping of forest area for forest fire control compensatory afforestation works and wildlife management for preparing Annual Plan to be executed from State Fund, Independent concurrent monitoring and	As per APO	5.40	Approved Rs. 3.90 crores out of 5.40 crores

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S. No.	CAF Act/Rules	Activity	Proposed Outlay		Remarks
			Physical Target (in ha.)	Financial Target	
		evaluation and third-party monitoring of various works under taken from State Fund			
	5 (3) (c)	Purchase and maintenance of equipment or devices used for communication and information technology for the purpose of protection of forest and wildlife	As per APO	1.78	
	5 (3) (i)	Publicity cum awareness programme and exhibition on various schemes being implemented by the State Authority from State Fund and Capacity building of personal involved in utilization of State Fund	As per APO	1.48	
	5 (3) (b)	Biodiversity Management in Wildlife	As per APO	4.27	Approved Rs. 3.69 crores out of Rs. 4.27 crores
4	Activities as per Rule 6 (a) and 6 (b) of CAF rules, 2018				
	6 (a) (i to v)	Activities out of 60% of interest accrued on deposit in State Fund	As per APO	5.39	Approved Rs. 2.34 crores out of Rs. 5.39 crores
	6 (b) (i to v)	Activities out of 40% of interest accrued on deposit in State Fund	As per APO	1.60	
	6 (b) (vi)	Innovative Projects (out of interest)	As per APO	6.41	Approved Rs. 0.45 crores out of 6.41 crores
		Grand total approved		43.23	

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AGENDA ITEM NO.12: ANNUAL PLAN OF OPERATION (APO) FOR THE YEAR 2022-23 OF SIKKIM STATE AUTHORITY

Decision: Annual Plan of Operation for the financial year 2022-23 has been received from the form the Sikkim State CAMPA Authority. The State Steering Committee of State CAMPA has approved the Annual Plan of Operation (APO) in it's for an outlay of **Rs.77.86 crores** only for the year 2022-23. During 18th meeting of Executive Committee of the National Authority has approved an **amount of Rs.59.38 crore** and activities amounting to **Rs.17.99 crores** deferred.

The Executive Committee deliberated deferred activities and approved the APO of 2022-23 with financial outlay of **Rs.10.44 crore** and the remaining activities are not approved. The details of approved activities as per following component wise details.

S.No.	CAF rules	Activity	(Amount Rs. in crore)		Remarks
			Financial Outlay	Approved Amount	
2. Activities as per Rule 5(2) of the CAF Rules 2018					
	5(2)(d)	River protection works for forest land from scouring by river Bakcha at Labi, Mangan, Sikkim	2.02	1.00	Approved for Rs. 1.00 crore out of 2.00 crore
		Brick Wall fencing of Forest Colony, Gangtok to protect forest property from encroachment	0.50	0.50	
		Landslide treatment with vegetative and engineering measures at Kit Golai Khasmal, Chalamthang Pacheykhani GPU	0.75	0.50	Approved for Rs. 0.50 crore out of Rs.0.75 crore for Vegetative Measures
		Landslide treatment under Mangan district	1.50	1.00	Approved for Rs. 1.00 crore out of Rs.1.50 crore for Vegetative Measures
		Procurement of field kits for frontline staff of Territorial Sector	0.53	0.53	
		Maintenance and upgradation of eco-friendly footh path (in Barsey Rhododendron Sanctuary) Soreng district	0.58	0.58	
		Supply of wood saving appliance in forest fringe villages			
	5(2)(l)	(a) Procurement of LPG connection with double barrel cylinder	0.02	0.02	Not approved
		(b) Procurement and distribution of Unnat-Chullah with accessories	0.01	0.01	Not approved
		Management of Biological diversity land			

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S.No.	CAF rules	Activity	Financial Outlay	Approved Amount	Remarks
		biological resource			
	5(2)(m)	(a) Management and reclamation of degraded forest land into Nature Park/Biodiversity Park at Laboratory in North Sikkim (Phase II)	1.70	1.00	
		(b) Upgradation and management of Saramsa Garden, Ranipool, Gangtok, Sikkim	1.00	0.50	
		(c) River Rejuvenation Action Plan	1.90	0.70	
		(d) Management and upgradation of water park at Hee Gaon in West Sikkim by Wildlife Division	1.50	0.50	
		4. Activities as per Rule 6(a) of the CAF Rules, 2018			
		Others (Biodiversity Conservation & Management Plan) (Cost escalation)	0.01	0.10	Not approved
		Activities referred to in sub-rules (2) and (5) of rule 5			
	6(a)(vi)	3. Conservation, management and upgradation of 7 sisters water falls area at Phensang, North Sikkim	1.50	1.25	
		4. Conservation and upgradation of Kabi Lungchuk Sacred Groves at Kabi, Mangan District, Sikkim	1.50	1.25	
		5. Activities as per Rule 6(b) of the CAF Rules, 2018			
	6(b)(vi)	Other activities for management of forest and wildlife including upgradation/ improvement etc.			
		i. Upgradation and improvement of Government timber depot at Chuba, Gangtok District (Phase III)	1.00	1.00	Not approved
	6(b)(vi)	ii. Harvesting of medicinal plants from plantation sites of North & East districts on trial basis.	0.13	0.13	
	Mandatory Activities	iii. Others (Biodiversity Conservation Plan)	1.77	1.00	For Forest areas
		Grand Total Approved		10.44	
		Grand Total Not Approved		1.13	

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AGENDA ITEM NO.13: ANNUAL PLAN OF OPERATION (APO) FOR THE YEAR 2022-23 OF TRIPURA STATE AUTHORITY

Annual Plan of Operation for the financial year 2022-23 has been received from the form Tripura State CAMPA Authority. The State Steering Committee of State CAMPA has approved the Annual Plan of Operation (APO) in it's for an outlay of **Rs.63.00 crores** only for the year 2022-23. During 16th & 17th meeting of Executive Committee of the National Authority has approved an amount of **Rs.52.45 crore** and activities amounting to **Rs.9.05 crores deferred**.

The Executive Committee deliberated deferred activities and not approved the APO of 2022-23 with financial outlay of Rs.9.05 crore. The details of approved activities as per following component wise details.

S. No.	Activity	Proposed Outlay		CAF Act/ Rules	Decision of 16 th & 17 th EC
		Physical Target (in ha./km/nos.)	Financial Target (in crore)		
2. Activities as per Rule 5 (2) of CAF Rules, 2018 (80%)					
	Supply of wood-saving devices in forest; Wood saving and other forest produce saving device in JFMC villages (solar lights/ pumps)	10	1.00	5(2)(l)	Explore Convergence with MNRE Funds
<u>Management of biological diversity and biological resource:</u>					
	Conservation of Forest, Wildlife and Biodiversity thematic exhibits galleries at Vigyan Gram (Science City) through TBB.	-	3.05	5(2)(m)	Not approved
Sub Total 5(2) Rule -					
3. Activities as per Rule 5 (3) of CAF Rules, 2018					
	Construction of timber depots in different forest sub-divisions	Approved 2 depots with amount of Rs.0.40 crore out of Rs.1.00crore		5(3)(d)	Not approved (Already Rs.0.40 cores have been Approved in earlier EC Meeting)
	Engagement of Van Mitras through JFMC/ BMC during 2022-23		5.00	5(3)(f)	Not approved
Grand Total Not Approved			9.05		

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AGENDA ITEM NO14.: ANNUAL PLAN OF OPERATION (APO)FOR THE YEAR 2022-23 OF UTTARAKHAND STATE AUTHORITY

Annual Plan of Operation for the financial year 2022-23 received from the Uttarakhand State CAMPA Authority after the approval of the State Steering Committee of State CAMPA for an outlay of **Rs.418.98 crores**. During 19th meeting of Executive Committee of the National Authority has approved an **amount of Rs.145.49 crore** and **deferred** activities amounting to **Rs.273.49 crores**.

2. The Executive Committee deliberated deferred activities and approved the APO of 2022-23 with financial outlay of **Rs.174.66 crore**. The details of approved activities as per following component wise details.

(Amount In Crore)

S. No.	Act/Rule	Specific Head	Unit	Physical Target	Financial Target	Remarks
1	2	3	4	5	6	
C- Other 'Specified' Works/Conditions (As per Section 6(a) of CAF Act 2016)						
2	Mandatory Activity	River Training Works	Nos.	Kosi , Dabka , Song, Gola river	7.70	
F - NET PRESENT VALUE (NPV)						
Activities as per rule 5(2) - minimum 80% of NPV						
ANR & PLANTATION ACTIVITIES						
1	5(2)(a)	Assisted Natural Regeneration (ANR)	ha	1905	10.71	
	5(2)(b)	Plantations under NPV (Oak, Deodar, others)				
2		Advance Soil Work (ASW)	ha	698.4	6.03	
9	5(2)(g)	Treatment of Critically Polluted River Stretches (Hon. NGT OA 673/2018- More river stretches are now critically polluted) - Bhela, Dhela, Suswa, Pilakhar, Nandhaur, Kalyani& Treatment of degraded forest watersheds (Gagaas) using LIDAR technology.	Nos.	7	6.00	Not approved
10	5(2)(g)	Restoration of water bodies, ponds, plantations and artificial wetlands in Ganga Flood Plain Zones as per directions of Hon. NGT in OA no. 200/2014				
i		Plantations in flood Plain Zone				

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S. No.	Act/Rule	Specific Head	Unit	Physical Target	Financial Target	Remarks
1	2	3	4	5	6	
a.		Advance Soil Work (ASW)	ha	174.5	0.54	
ii		Treatment works - check dams	Nos.	1475	3.34	
11	5(2)(g)	Conservation & development of wetlands as per directions of Hon. NGT in OA no. 325/2015 (wetlands existing in forest areas of Uttarakhand)				
ii		Treatment works - cleaning etc.	Nos.	5	0.02	
iii		Treatment works - check dams in catchment	Nos.	1035	1.44	
iv		Treatment works - contour trenches in catchment	ha	5	0.15	
v		Treatment works - percolation pits in catchment	ha	50	0.12	
15		Forest Fire Prevention and Control				
i	5(2)(f)	Forest Fire Management - fire fighting tools, crew station, control room maint., fire watchers, hiring of vehicles etc.		4245	5.00	Approved Rs.5.00 out of Rs.9.29
ii		Upgradation of State Level Forest Fire Control Room to 'Integrated Forest Fire Control and Command Centre'	No.	1	3.00	Not approved
SOIL & WATER CONSERVATION						
16		Soil and Water Conservation Works				
i		Preparation of DTR for treatment and management of natural springs	Nos.	40	2.00	
ii	5(2)(g)	Spring shed Management as per SMC and Rejuvenation of Rivers	Nos.	150	21.72	
iii		Plantation for Soil conservation	ha	500	5.00	
iv		Preparation and Implementation of 'State level Land Slide	No.	Identified Divisions	5.00	Not Approved

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S. No.	Act/Rule	Specific Head	Unit	Physical Target	Financial Target	Remarks
1	2	3	4	5	6	
		Treatment Plan'				
WILDLIFE MANAGEMENT						
17		Habitat Improvement				
i	5(2)(i)	Eradication of Lantana & other invasive species and plantation of grassland	ha	7387	14.54	Not approved
ii		Maintenance - Eradication of Lantana & other invasive species - Year 1, 2 & 3	ha	12852	14.05	
18		Establishment, operation and maintenance of animal rescue centre and veterinary treatment facilities for wild animals;				
i	5(2)(k)	Construction of Wildlife Rescue and Rehabilitation Centre (Corbett TR & Lansdowne FD)	Nos.	2	2.87	Not approved
ii		Construction of Monkey rescue centres (Kedarnath WLD, Terai East FD) and Maintenance of Haridwar & Almora Centres.	Nos.	4	3.00	
iii		Monkey Catching from urban / rural habitations and releasing in remote forest areas, Sterilization, post-surgery care etc.	Nos.	50000	7.54	Not approved
iv		Food for wild animals kept at the rescue centres	No. of res. centres	3	1.00	
19	5(2)(d)	Human Wildlife Conflict Management				
i		Solar / Electric Fencing over forest boundaries	km	133.55		State to have a Comprehensive study by WII and submit the report to National Authority for consideration.
ii		Elephant proof Trenches	km	96.86	4.19	
iii		Elephant /wild boar proof protection wall at critical boundaries	km	12.63	3.30	
		Maintenance of protection wall	km	29.84	2.71	
20	5(2)(d)	EDC / Village Protection	No. of	101	1.56	

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S. No.	Act/Rule	Specific Head	Unit	Physical Target	Financial Target	Remarks
1	2	3	4	5	6	
		Force (entry point activities, microplanning etc.)	EDCs			
21	5(2)(d)	Strengthening of VVWPF to Task Force on Human Wildlife Conflict Mitigation	No.	277	0.80	
22	5(2)(d)	Anti-Poaching Activities	Nos.	288	2.40	
23	5(2)(m)	Estimation of Wildlife Populations	No. of Species	LS	1.93	Subject to involvement of WII
24	5(2)(d)	Equipment for forest and Wildlife Protection	No. of Equipment	411	1.26	
25	5(2)(d)	Construction of water holes to create drinking water facility for wild animals	No. of water holes	285	0.70	Approved Rs.0.70 crores for 100 waterholes out of Rs.1.79 for 285 waterholes
26	5(2)(i)	Pasture/ Chaur Development incl maintenance	ha	1327.7	1.48	
27	5(2)(d)	Development of Wildlife Tracking Technology, Radio Collaring	Nos.	LS	0.16	
28	STRENGTHENING OF VAN PANCHAYATS					
i	5(2)(a)	A.N.R. in Van Panchayats	ha	648.4	3.84	
ii	5(2)(d)	Creation of Boundary Pillars in VP	Nos.	1141	0.59	
iii	5(2)(d)	Survey & Demarcation in VP's	ha	267.02	0.005	
iv	5(2)(i)	Management of invasive species in VP's	ha	68.8	0.17	
v	5(2)(g)	Soil & Water Conservation Works in VP	Nos.	1860	4.14	
vi	5(2)(d)	Extension and Awareness Programmes / Exposure Visits	No. of Participants	204	0.32	
vii	5(2)(d)	preparation of SahatPrabandh Yojna and Microplan	Nos.	341	0.47	
viii	5(2)(d)	Publication and Training Material in VP's	Nos.	As per plan	0.12	

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S. No.	Act/Rule	Specific Head	Unit	Physical Target	Financial Target	Remarks	
1	2	3	4	5	6		
ix	5(2)(d)	Strategic Planning & Strengthening of Van Panchayats	No.	1	0.11		
x	5(2)(d)	Workshops and Training in VP's (Village, district and state level trainings/workshops)	Nos.	1082	0.70		
xx	5(2)(f)	Fire Protection Activities in VP's	Nos.	110	1.48		
xxi	5(2)(d)	Other Misc activities (IGP, livelihood, HWC etc.)	No	As per plan	0.70		
29	5(2)(m)	Eco tourism related activities	Nos.	8	1.73	Not approved	
30		Provisioning of Biodiversity Conservation	No. of Projects	1	0.90	In forest areas	
31	5(2)(c)	Forestry & Wildlife Research					
i		Collaborative Research	No. of Projects	12	2.41	Deferred. Subject to the presentation on the proposed research activities before DGF&SS.	
ii		Modern seed storage facility for important nurseries	No. of Projects	4	0.27		
iii		Demonstration plots & trails of need based initiatives	ha	92.48	1.87		
iv		Development of nursery techniques	No. of Projects	6	0.22		
v		Establishment/Maintenance of Seed Plots/Orchards	ha	18.9	0.65		0.10
vi		Strengthening of Research Cell & Upgradation of laboratory	Nos.	17	2.10		0.38
32	Additional Proposals proposed:-						
i	5(2)m	Management of Walking Trails for Conservation Awareness	Nos.	In various Forest Divisions	10.00	Not approved	
ii	5(2)m	Establishment of Snow Leopard Conservation Centre in Uttarkashi FD	Nos.	1	4.82		
iii	5(2)l	Provision for wood saving devices, Solar Lights, Solar Lamps in forestfringe villages	Nos.	Identified Villages	5.00	Not approved	

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S. No.	Act/Rule	Specific Head	Unit	Physical Target	Financial Target	Remarks
1	2	3	4	5	6	
Activities As Per Rule 5(3) Of Caf Rules, 2018 - Upto 20% Of NPV						
33		Trainings, Workshops & Capacity Building				
i	5(3)	Strengthening of Training Institutes	Nos.	3	0.20	
ii		Trainings & Capacity Building	Nos.	309	1.84	
34	5(3)(g)	Survey & Demarcation				
i		Survey and Demarcation of forest boundaries (digitization of forest boundaries and Fire Lines)	Nos.	Identified Divisions/ Blocks	5.00	
35	5(3)(e)	Building Construction for Frontline Staff	Nos.	95	24.60	Construction to be done without payment of Service charges.
36	5(3)(e)	Repair of office/residence of front-line staff	Nos.	249	4.31	
37	5(3)(d)	Construction of watch towers (installation of prefabricated structures only)	Nos.	27	1.82	Not approved
38	5(3)(d)	Construction of high-altitude patrolling shelters	Nos.	11	1.31	Subject to constructed by Forest Department
39	5(3)(d)	Modernization of forest barriers	Nos.	59	1.98	
40	5(3)(d)	Repair of forest roads / bridle paths	Km	3722.17	6.00	Approved Rs. 6.00 crores out of Rs.11.58
41	5(3)(e)	Communication & Information Technology - Software licence fees, lease line charges etc	1 No.		0.68	
42	5(3)(i)	Publicity, awareness and extension -Trainings/workshops etc	Nos		2.00	Approved Rs. 2.00 crore out of Rs.3.00 crore
43	5(3)(d)	Maintenance of Fire Lines	km	4627.91	1.33	Not approved
G - Campa Interest Component						
1	6(a)(vi)	Monitoring and Evaluation of CAMPA works	No.	1	2.00	Approved Rs. 2.00 crore out of Rs.4.00 crore

Arthul

S. No.	Act/Rule	Specific Head	Unit	Physical Target	Financial Target	Remarks
1	2	3	4	5	6	
2	6(a)(iv), (v); 6(b)(i), (ii), (iii), (iv), (v)	CAMPA Office Management	No.	1	2.00	Already Rs. 2.00 crores out of Rs. 4.00 crores approved in 19 th EC Meeting.
3	6(b)(vi)	CAMPA State authority office building construction	No.	1	4.00	Not approved
4	6(a)(ii)	Incremental Cost of CAT plans	No.	1	1.00	Not Approved
5	6(a)(i)	Incremental Cost of Compensatory Afforestation	No.	1	1.00	Not Approved
		Grand Total Amount			174.66	
		Grand Total Not Approved			62.83	

Note: DGF & SS and Chairman EC directed Dr. S. D. Singh, Sr. Consultant National Authority CAMPA to inspect CAMPA activities specially Lantana removal area and submit the report.

AGENDA ITEM NO. 15: UPDATE ON SCHEMES/PILOT PROJECT INITIATED UNDER NATIONAL FUND

Decision: The EC noted the agenda item

PART B- APPROVAL/ DECISION ON SCHEMES AND OTHER ITEMS SEEKING FINANCIAL SUPPORT FROM THE NATIONAL FUND OF CAMPA

AGENDA ITEM NO 16: PROJECT PROPOSAL OF NAGALAND STATE CAMPA FOR TRANSITIONING FROM SHIFTING TO SETTLED LAND USE SEEKING SUPPORT FROM NATIONAL FUND.

The proposal was submitted by State Forest Department, Govt of Nagaland Forest Department on "Transitioning from Shifting to Settled Land Use" seeking support from National Fund with a cost of Rs.6.24 crores for a period of four years.

Decision: The EC did not approve the project proposal. Further the Committee decided and directed that a project of restoration of shifting cultivation through afforestation/ agroforestry and settled landuse, a pilot project should be prepared by Rain Forest Research Institute (RFRI), Jorhat of ICFRE covering various States of North Eastern Region.

[Handwritten signature]

AGENDA ITEM NO. 17: PROJECT PROPOSAL SUBMITTED BY INDIAN COUNCIL OF FOREST RESEARCH AND EDUCATION (ICFRE).

Research and Training division of MoEF&CC has forwarded different project proposals submitted by Indian Council of Forest Research and Education (ICFRE) to National Authority for funding under National fund.

A. Development of Multilingual Mobile Application for Enhancing Agroforestry to Benefit Tree Growers with a total cost of Rs. 0.35 crore for a period of one year.

Tree growers and other stakeholders of agroforestry-based systems need a significant amount of information. Currently the information on plantation forestry is available in multiple platforms and in varying forms. There exists an imperative need to integrate information and make it more accessible. Information and Communication Technologies (ICTs) play a key role in knowledge exchange, targeted recommendations, market integration and probable access to finance institutions to make tree farming a profitable and tantalizing enterprise especially for youth. Integration of multiple stakeholders on a common virtual platform would pave the way to bring about a positive attitude towards tree farming among all stakeholders.

The proposed ICT platform connecting tree growers with research organizations and other stakeholders will be a pioneer initiative where the tree growers would be the primary users.

Objectives

1. To upgrade a multilingual ICT platform with pan India utilities and functionalities to benefit tree growers and industries.
2. To provide real time solutions to farmers queries on tree farming.
3. To integrate forestry research and extension to enable farm income maximization through information sharing and market analysis.,
4. To accelerate planting of high yielding tree clones in Trees Outside Forests program

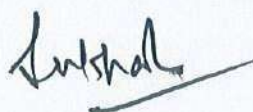
Decision: The EC recommended the project proposal for the approval of the Governing Body of the National Authority with a cost of Rs.0.35 crores for a period of one year under the provisions of Section 5(b)(iii) of the CAF Act, 2016. Monitoring the progress and implementation of the project will be the responsibilities of Forest Policy Division of the Ministry.

B. Operationalization of Centre of Excellence on Sustainable Land Management

Decision: The proposal was withdrawn from the agenda by Indian Council of Forestry Research & Education (ICFRE).

C. Infrastructural Up-Gradation of Capital assets of the Indian Council of Forestry Research & Education (ICFRE) with a total cost of Rs. 16.84 crore

Decision: The proposal was deliberated in detail and deferred for details.



D. Implementation of Human Resource and Financial Management System (HFMS) at ICFRE Dehradun with a total cost of Rs. 8.29crore for a period of five years.

The Proposal was presented in the committee for improving its work efficiency in order to meet the working pace with other national and international organizations. In scientific field ICFRE has upgrade its scientific setup with financial supports under schemes by NA, CAMPA, MoEF&CC. Further it is required to also upgrade its Human Resources and financial accounting to assist the implementation of various projects and schemes. The automation can have a positive impact at every level of organization. Digitization and modernization of infrastructure is considered as complimentary support for enabling Departments/ Institutes to pursue research activities more effectively and efficiently.

ICFRE is having Personal Information Management System (PIMS), Payroll Management System (PMS) and Financial Accounting System (FAS) part of Indian Forestry Research Information System (IFRIS) developed 14 year back. IFRIS was developed using different technologies, which are obsolete/out of support. The hardware used for IFRIS has also become obsolete. It is not possible to make any changes in the source code for any modification or any new requirement as resources are not available. Due to all above, the system has started behaving inconsistent and issues cannot be rectified. Therefore, ICFRE, Dehradun is proposing the project "Implementation of Human Resource and Financial Management System (HFMS) at ICFRE Dehradun" for duration of 5 years and budget Rs 8.29 crore.

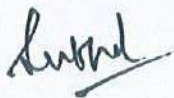
Decision: The EC deliberated the project proposal. ICFRE was asked to examine the possibility of on-boarding DoPT portal for sparrow and e- HRMS.

E. Project Proposal on Livelihood improvement of Forest Dependent communities through resource survey, sustainable harvesting and market linkages of commercially important NTFPs with a cost of Rs.9.93 crore for a period of four year

Decision: The EC deferred the Project for details on earlier studies by ICFRE on NTFPs and their extension for undertaking conservation and promotion of NTFPs in collaboration with State Forest Departments.

AGENDA ITEM NO.18: PROJECT PROPOSAL SUBMITTED BY FOREST SURVEY OF INDIA, MOEF&CC.

Decision: The EC decided that the proposal should be examined by the Survey and Utilization Division of the Ministry and forwarded to EC after clear recommendations/ suggestions.



AGENDA ITEM NO.19: ROLL OUT AND PREPAREDNESS OF STATES FOR USING NATIONAL TRANSIT PASS SYSTEM (NTPS) SUBMITTED BY INSTITUTE OF WOOD SCIENCE AND TECHNOLOGY, BANGALORE IN COLLABORATION WITH NATIONAL INFORMATICS CENTRE FOREST & CLIMATE CHANGE INFORMATICS DIVISION.

Forest Policy division of MoEF&CC has submitted a funding proposal amounting to Rs.4.67 crore for "Roll Out and preparedness of states for using National Transit Pass System (NTPS)" implemented by Institute of Wood Science and Technology, Bangalore in collaboration with National Informatics Centre Forest & Climate Change Informatics Division for a period of 3 years.

A National Portal on Pan India Transit System for timber, bamboo, and other forest produce was launched on 23.07.2020 for piloting in two states viz. Madhya Pradesh and Telangana. The objective of National Transit Pass System (NTPS) is seamless movement of forest produce across all states thereby resulting in enhancing the income of rural people and also facilitating the ease of doing business in the country.

After the successful implementation of NTPS in Madhya Pradesh, MoEF&CC desires to expand the implementation of NTPS across the country. Accordingly, the MoEF&CC desires that NIC is to be engaged for further development, implementation and maintenance of the next version of the web application of NTPS which will be customized for each state and submit the proposal through IWST (Institute of Wood Science & Technology) to ensure smooth roll out of the NTPS across the country under CAMPA scheme.

Decision: The EC deliberated the details of the project and recommended the project proposal for the approval of the Governing Body of the National Authority with a cost of Rs.4.67 crores for a period of three year under the provisions of Section 5(b)(iii) of the CAF Act,2016. Monitoring the progress and implementation of the project will be the responsibilities of Forest Policy Division of the Ministry.


AGENDA ITEM NO.20: ANY OTHER MATTER WITH THE PERMISSION OF CHAIR

20.1 Project on establishment of Model Nursery:

The CEO, NA presented the proposal for initiating a new scheme from the National Fund for supporting establishment of at least one Model Nursery in each Forest Division/ District of the Country for production of large scale quality planting materials/ saplings for extensive afforestation in a mission mode. This is necessary for conservation of rare and endangered tree/ plant species as well as mass production of certified quality saplings of locally suitable tree/ plants for enriching the biodiversity and promote commercial plantation by farmers/ people. These nurseries will also serve as capacity building/ training of staff and local communities in raising of saplings

The Scheme will be broadly focus on three aspects of the tree plantingnamely

- i. Enhancing the capacity for QPM production
- ii. Seed collection, certification and storage and making the seeds available to field nurseries
- iii. Raising QPM on large scale for afforestation



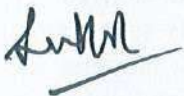
- iv. Conservation of rare, endangered and threatened species and their propagation
- v. Capacity building/ training of staff and farmers in raising of nurseries.
- vi. Support extensive Tree planting with people's participation

Decision: The EC recommended the proposal and desired that States/ UTs should propose at least one such nurseries in each division in the Annual Plan of Operation. The states not having sufficient CAMPA fund can propose such nurseries from the National Fund on sharing basis with State Fund. It is proposed that each Model Nursery should have capacity for at least 10 lakh saplings. The nurseries should have all essential components viz. proper layout for beds and paths for transportation, fencing, essential infrastructure of Greenhouse / poly-house/ shed net, seed storage and sorting facility, composting units, basic amenities to the staff and workers, training facility etc. Financial support may be considered from the National Fund especially for Capacity building and Non-recurring nature of expenditure.

20.2 Technical manpower engaged on contractual basis through NICS I under the yearly maintenance, up gradation and FC module and Handholding support of PARIVESH portal.

The CEO, NA placed the agenda on the proposal regarding continuance of technical manpower engaged on contractual basis through NIC under the yearly maintenance, up gradation and FC module and Handholding support of PARIVESH portal which has expired on 31st October, 2022. NIC has informed that it cannot continue the remuneration to the staff of the National Authority after October, 2022 onwards. The CEO informed that there are 20 office staff at the level of Office Assistants/ Data Entry Operators and MTS, who have been working in the National Authority to provide secretarial services/assistance. In this connection, it is proposed that National Authority may outsource the Office Assistants and Office Attendants through the NICS I /GEM directly for a further period of one-year at appropriate levels in the National Authority.

Decision: EC decided that CEO, National Authority can approach NICS I/GEM for engaging contractual staff of National Authority.



Annexure-I

List of members/ participants in the 20th meeting of Executive Committee

Sl. No.	Name of the Officer	Designation	Ministry/State
1.	Shri Chandra Prakash Goyal	DGF&SS/Chairman, Executive Committee	MoEF&CC
2.	Shri Subhash Chandra	Chief Executive Officer, National Authority	MoEF&CC
3.	Shri Pravir Pandey	AS&FA, MOEFCC	MoEF&CC
4.	Shri Sudhir Chaturvedi	PCCF&HOFF Gujarat	Gujarat
5.	Shri B.K Singh	Additional DGF	MoEF&CC
6.	Shri Anil Ganenwala	Expert Member	MoEF&CC
7.	Shri Girish Kuber	Expert Member	MoEF&CC
8.	Shri Ashwani Kumar	Expert Member	MoEF&CC
9.	Shri G.S Pande	APCCF/CEO CAMPA	Uttarakhand
10.	Shri Shravan Kumar	DIG& RO, IRO	Gandhinagar
11.	Dr. Mohit Gera	PCCF& HOFF	J&K
12.	Shri R.K Mishra	PCCF&HOFF,	Punjab
13.	Shri Dharminder Sharma	CEO, CAMPA	Punjab
14.	Shri V. Shreenivasa Rao	CEO CAMPA	Chhattisgarh
15.	Shri Suman Mohapatra	CEO CAMPA	Assam
16.	Shri Udai Gurung	CEO CAMPA	Sikkim
17.	Shri Ram Asray	Supdt. CAMPA	Punjab
18.	Shri J.C Bhatia	Consultant, CAMPA	Punjab
19.	Dr. Manjunatha M	Consultant (F&W)	MoEF&CC
Online Participation			
1.	Shri Bivash Ranjan	ADG, Wildlife,	MoEFCC
2.	Shri S. P Yadav	ADG, FC	MoEFCC
3.	Shri R.K. Samal	CEO, CAMPA	Tripura
4.	Shri K.V. Singh	CEO, CAMPA	Arunachal Pradesh
5.	Shri Kamal Dutt	CEO, CAMPA	A&NI
6.	Shir R.S. Sinha	CEO, CAMPA	Mizoram
7.	Shri Hemanth	IRO,	Chennai
8.	Dr. S D Singh	Senior Consultant, NA	MoEF&CC
9.	Dr. Priyanka Tripathi	Consultant (Forestry)	MoEF&CC
10.	Ms. Apoorva Gupta	Consultant(GIS & MIS)	MoEF&CC

Suman

चन्द्र प्रकाश गोयल

CHANDRA PRAKASH GOYAL



सत्यमेव जयते

वन महानिदेशक एवं विशेष सचिव

भारत सरकार

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
DIRECTOR GENERAL OF FOREST & SPL. SECY.
GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND
CLIMATE CHANGE

D.O.No.NA-14/1/2022-NA

Dated: 21st November, 2022

Dean Dr Sharma,

As you are aware the Compensatory Afforestation Fund includes monies received from user agencies towards compensatory levies collected in lieu of clearances accorded for non-forestry use of forest land under the Forest (Conservation) Act, 1980. Accordingly, the annual plan of operations submitted by the State Government are approved by the Executive Committee for implementation of various activities including compensatory afforestation, catchments area treatment, wildlife management and other activities approved under the Compensatory Afforestation Fund Act, 2016.

In order to undertake proper afforestation and restoration activities for compensating the loss of forest cover, timely release and utilization of funds under CAMPA is of utmost importance. It has been observed the Government of Andhra Pradesh has not been releasing funds timely for implementation of CAMPA activities. Out of an amount of Rs.224.09 crore the approved under the Annual Plan of Operations (APO) by the National Authority in 2022-23, an amount of Rs. 185.32 crore is yet to be released to the State Forest Department for implementing the activities in the field, which are essential for compensating the loss of forest cover and restoring ecosystem services. The matter of timely completion of compensatory afforestation and compensation of ecosystem services due to loss of forest land is being monitored by the Hon'ble Supreme Court and any delay due to release of funds by States will be viewed very seriously by the Hon'ble Court.

It is pertinent to mention that you are also the chairperson of the State Steering Committee of State CAMPA. As per the provisions of the Compensatory Afforestation Fund (CAF) Act, 2016, the Steering Committee among other functions is mandated to scrutinise and approve APO, Monitor the progress of the utilization of funds released from the State fund, review reports on decision taken by Executive Committee, approval of Annual Reports etc. The Act also provides that the Steering Committee should meet at least once in three months.

May I request you to ensure that the funds as approved in the Annual Plan of Operations of state CAMPA are timely released to the Forest Department for proper implementation of various CAMPA activities which are seasonal and time bound.

Regards.

Yours Sincerely,

(Chandra Prakash Goyal)

21.11.2022
Dr. Sameer Sharma

Chief Secretary
Government of Andhra Pradesh
Block No.1, 1st Floor, AP Secretariat,
Velagapudi, Guntur - 522238

Copy to:

The PCCF&HoFF/ PCCF &HoD, Forest Departments



इंदिरा पर्यावरण भवन, जोर बाग रोड, नई दिल्ली-110 003
फोन: (011) 20819239, 20819209 फैक्स: (011) 20819195

INDIRA PARYAVARAN BHAWAN, JOR BAGH ROAD, NEW DELHI-110 003
Ph : 011-20819239, 20819209, Fax: 011-20819195, E-mail : dgfindia@nic.in

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आज़ादी का
अमृत महोत्सव

No.NA-1/36/2022-NA
Government of India
Ministry of Environment, Forest & Climate Change
(National Authority)
E-mail : adhoc-campa-mef@nic.in

Hall No.1, 4th Floor
Block No 3, CGO Complex
Lodhi Road, New Delhi – 110003
Dated the 5th January, 2023

Sub: Minutes of Virtual Meeting for the States/UTs to finalise and freeze the data received to the National Authority-Regarding.

Please find the minutes of the Virtual Meeting for the States/UTs to finalise and freeze the data received to the National Authority held on 13.12.2022 under the Chairmanship of Chief Executive Officer, National Authority for information and necessary and action.



(Dr. SD Singh)
Consultant, National Authority

Distribution:

- 1. All States/UTs CEO CAMPA.**
- 2. All States/UTs PCCF & HoFFs**

**Minutes of Virtual Meeting on General Directions of National Authority,
Compensatory Afforestation Fund Management and Planning Authority
(CAPMA).**

Venue: CAMPA Office, Indira Paryavaran Bhawan, Jor Bagh, New Delhi-110003

Date & Time: 13th December 2022 at 10.30 AM onwards

The list of members and other participants who attended the meeting is attached at Annexure- A.

A Virtual meet was conducted in the CAMPA office premises was conducted on the following objectives:

1. For cross verification of information submitted by States/UTs
2. To avoid any spill over for the next year
3. Completion of mandatory activities first and utilize the released funds.
4. Placing reminders to the pending States/UTs for the following information-
 - Nursery Details (2022-23)
 - Action Taken Report on EGreen Watch Portal
 - Progress on State Governing Body, Steering Committee and Executive Committee Meetings as on 31.10.2022
 - Update on Management of lands of Protected Areas/ Forests under transmission lines
 - Fund utilized and released information
 - Verification of details of CAMPA Activities for the year 2022-23
 - Providing pending information for the Annual Reports of the National Authority
 - Cross Verification of the Annual Reports for the last 4 years
 - Updating the Green Employment generation information w.r.t to CAMPA Activities
 - Lok Sabha unstarred question no. 5949 regarding "Plantation of New Saplings"
 - Lok Sabha starred question no 5950 regarding "Misuse of CAMPA Funds".

The following important information discussion were taken up by the Chief Executive Officer, National Authority:

1. He not only explained the objectives and the importance of CAMPA works but also addressed individually various concerns highlighted by the States/UTs.
2. He comprehensively explained the importance of the State meetings and their timely conduct as per the Compensatory Afforestation Act, 2016 and Rules, 2018.
3. He emphasized the importance of Green Employment Generation in the States/UTs through CAMPA Funds for showcasing the output of their impressive CAMPA works.
4. Further, the high-tech forest nurseries were supported by him.
5. Timely Fund release was given importance to conduct the CAMPA activities without delay and ensuring its time bound completion.

In response the States/UT representatives gave their responses to the agenda notes for the quickest possible completion in a time bound manner. Additionally the state of Mizoram, Odisha and Rajasthan, highlighted the concerns of using the e-Greenwatch portal and



requested the National Authority for conducting a capacity building program to bridge the technical gap of using portal.

The meeting ending with a vote of thanks to the participants and they all appreciated the efforts of the National Authority, Compensatory Afforestation Fund Management and Planning Authority.

A handwritten signature in blue ink, appearing to be 'Luis', is located in the bottom right corner of the page.

List of Participants: -

State CEO's

1. Lokesh Jaiswal, PCCF & CEO Telangana CAMPA
2. Subrat Mohapatra, CEO CAMPA Tamil Nadu
3. Amitesh Uniyal,
4. RajeshJt CEO CAMPA KERALA
5. Kana Talukder, CEO Tripura
6. Khushi Chauhan
7. CEO CAMPA, Maharashtra
8. Sanjay Shrivastava, CEO CAMPA, Uttar Pradesh
9. CEO CAMPA Meghalaya
10. Swadhin Mohanty, CEO CAMPA,
11. Dr. Pradeep Raj Karat, CEO CAMPA, Odisha
12. Atul, State CAMPA, Haryana
13. Arvinder, State CAMPA, Bihar
14. Sourabh Kumar, CCF, State CAMPA, Goa
15. Mr. Amitabh Bajpai, State CAMPA, Chhattisgarh
16. PC Ray, PCCF, State CAMPA, Karnataka
17. Satyendra Singh, State CAMPA, Bihar
18. GS Pande, CEO, Uttarakhand
19. JP Singh, State CAMPA, Gujarat
20. Kaushik Sarkar, State CAMPA, West Bengal

National Authority

21. Shri Subhash Chandra, Chief Executive Officer, National Authority
22. Shri R.Raghu Prasad, Joint Chief Executive Officer
23. Dr. S D Singh, Sr. Consultant (M&E)
24. Dr. Manjunatha M., Consultant (F&W)
25. Shri P.K. Saxena (F&A)
26. Shri Jaipal Sharma, Consultant (Audit)
27. Ms. Apoorva Gupta, Consultant (GIS &MIS)
28. Dr. Priyanka Tripathi, Consultant (F&W)



NA-1/36/2022-NA
Government of India
Ministry of Environment, Forest and Climate Change
National Compensatory Afforestation Fund Management and Planning Authority
E-mail: adhoc-campa-mef@nic.in

Hall No.1, 4th Floor,
Block No. 3, CGO Complex,
Lodhi Road, New Delhi-110003
Dated the 20th January, 2023

To,
The Chief Executive Officer,
All States/UTs

Sub: Information on funds available with States/UTs head wise to the National Authority for the APO of 2023-24 -Regarding

Madam/Sir,

With reference to the 20th Executive Meeting, wherein the CEOs of State/UT Authorities were directed to work out details of funds available with the State CAMPA head-wise under CA/CAT/Wildlife Mitigation Plan, NPV and Interest component, etc. after deducting expenditure incurred and prepare Annual Plan of Operations for next year based on funds available. Priority should be given to mandatory activities including commitment on maintenance of previous years. The time for submission of the desired information as well as APO for the year 2023-24 is already over (31st December 2022). It is requested to submit the desired information in the prescribed format Form-XII as provided in the CAF Act, 2016 and Rules for the APO of the year 2023-24 without any delay.

2. Further, it is requested to provide separate information with regard to the status of completion of various CAMPA activities approved in the APO of FY 2022-23, the balance work to be carried forward for the 2023-24 along with physical and financial progress and the liabilities.

3. In this regard the States/UTs are requested to submit the above mentioned details clearly highlighting the funds available in the State/UT against the approved APOs for CAMPA activities head wise 2018-19 viz. CA, Wildlife Management, CAT Plan, NPV, Interest component and others onwards through mail adhoc-campa-mef@nic.in latest by 31st January 2023.

Yours faithfully,



(Subhash Chandra)
Chief Executive Officer
National Authority

Copy to:
The PCCF & HoFF/ Head of Forest Department,
All States/UTs

No.NA-1/1/2022-NA
Government of India
Ministry of Environment Forests & Climate Change
(National Authority)
E-mail: adhoc-campa-mef@nic.in

Block No.3, 4th Floor
Hall No.1, CGO Complex,
Lodhi Road, New Delhi-110003
Dated the 4th January, 2023.

To

Principal Chief Conservator of Forest & Head of Forests/ PCCFs
All States/UTs

Sub: Detailed information on nurseries in States/UTs-Regarding

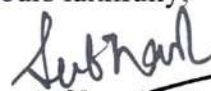
Sir/Madam,

I am to invite your kind attention to the Compensatory Afforestation Fund Rule 5(3a) stating that not more than twenty percent of the monies received towards net present value deposited in the State Fund shall be utilized for strengthening of the forest and wildlife related infrastructure, capacity building of the personnel, establishment, upgradation and maintenance of modern nurseries and other planting stock production facilities for production of quality planting material.

2. In this regard the National Authority has received information from the States/UTs on existing nurseries in States/UTs totalling 11,793. It is further requested to provide the district/division/ range /location wise details of each nursery in your States/UTs. National Authority is considering supporting State Forest Departments in developing Modern Nurseries with necessary infrastructure for ensuring supply of sufficient quantity of quality planting materials for greening of the Country on a large scale.
3. While a Modern Nursery in a District/ Division is necessary to meet district wise requirements of saplings, it would be better if a Central Nursery with Tissue Culture facility is created in the State/UT for production of planting stock of desired species for supplying to other nurseries for large multiplication of clonal varieties. The State/UT Forest Departments are requested to identify location of Modern Nurseries and one/few Central Nurseries for Tissue Cultural facilities.

Please share the above information to National Authority CAMPA through email:-adhoc-campa-mef@nic.in latest by 15.01.2023.

Yours faithfully,



(Subhash Chandra)
Chief Executive Officer
National Authority

Copy To:

The CEO State Authority CAMPA, All States/UTs

NATIONAL AUTHORITY

ANNEXURE V

COMPENSATORY AFFORESTATION FUND MANAGEMENT AND PLANNING AUTHORITY

NURSERY INFORMATION (2022-23)

The Compensatory Afforestation Fund, CAF 2018, Rule 5(3) states that not more than twenty percent of the monies referred to in sub-rule 1 on NET PRESENT VALUE shall be utilised for strengthening of the forest and wildlife related infrastructure, capacity building of the personnel involved in utilization of State fund such as 5(3a) establishment, upgradation and maintenance of modern nurseries and other planting stock production facilities for production of quality planting material. The Nursery details for FY 2022-23 in 33 States/UTs are provided as below:

S. No	State/UT	No of Nurseries	Total Capacity of raising of Saplings (in lakh no's)	Number of Saplings raised under CAMP A (in lakh no)	Total saplings raised in other schemes (in lakh no)	Total Saplings in the Nurseries (in lakh no)	Details Nursery available on State website link	Employment generated	Remarks Division wise
1	Andaman and Nicobar Islands	28	714977	10.06		16.76	-	23848	
2	Andhra Pradesh	205	205.00	93.87	23.26	117.13		-	
3	Arunachal Pradesh	99	3022080.5	15190237.5	14656445	15826423	No	930818.14	
4	Assam	164	290.31	117.38	13.26	130.64		223462	
5	Bihar	Govt.-260 PVT-400	Govt.-233.08 PVT-80	0	Govt.-233.08 PVT-80	Govt.-233.08 PVT-80		-	
6	Chandigarh	9	7.6	0	6.38	6.38	NA	26052	
7	Chhattisgarh	257	1026.63	36.872	148.529	185.401	No	588016	
8	Delhi	14	15.95	0	11.05	6.14	http://forest.delhigovt.nic.in/nursery-details-forest-department	17985	
9	Goa	38	33.9	10.72	12.08	22.8	https://forest.goa.gov.in/index.php/node/1182	-	1. North Division 2. South Division

NA-1/27/2022-NA

831328/2022/NA

									3. Wildlife and Eco-Tourism (North) 4. Wildlife and Eco-Tourism (South) 5. Soil Conservation Division 6. Social Forestry, Parks & Gardens Division 7. Research & Utilization	
10	Gujarat	561	895.76	42.04	490.18	605.38	No	476900		
11	Haryana	239	300	40	224	264	haryanaforest.gov.in	785739		
12	Himachal Pradesh	618	500	90	245	335	No.	645666		
13	Jammu and Kashmir	248	250	121.29	NA	218.84	jkforest.gov.in	216285	Conifers are maintained in nurseries up to 3 years after raising	
14	Jharkhand	119	1,00,50,000	1,00,50,000	NA	1,00,50,000	Yes	102895		
15	Karnataka	292	104,098,050	3,619,277	28,821,166	33,451,443	www.aranya.gov.in (e-nursery)			
16	Kerala	8	14.09	4.15	12.39	12.39	No	6925	-	
17	Madhya Pradesh	171	600	300	200	500	https://www.mpforest.gov.in	726496 per year	-	
18	Maharashtra	2591	1931.23	84.82	489.81	574.63	https://mahaforest.gov.in/	2413446	-	
19	Manipur	107	53	20.03	31.69	50.22	https://forest.manipurforest.gov.in	149,295.00		
20	Meghalaya	-	-	-	-	-	No	-	Fund yet to be released by the State Government	
21	Mizoram	-	4387500	Funds for 2022-23 has not been released under CAMPA					-	
22	Odisha	2742	1000	243	597.64	840.64	www.odishaforestgis.in	4950000	1. Sapplings for distribution and casuarina plantation are 6 months old 2. Sapplings for mangrove Plantations are 12 months old 3. Sapplings for all	

NA-1/27/2022-NA

831328/2022/NA

									other Plantations are 18months old
23	Punjab	232	300	150.71	75	225.71	Yes	412524	
24	Rajasthan	4	0.60	-	-	-	https://fmdss.forest.rajasthan.gov.in/MiddleWare/NurseryMiddleware	-	Amount for creation of 4 new nurseries has been allotted as per approved APO 2022-23.
25	Sikkim	90	100.3	13.60	66.64	80.24	http://sikenvis.nic.in/WriteReadData/Publication/Status%20Report%20of%20Forest%20Nurseries%202020-21.pdf	183048	
26	Tamil Nadu	260	390	3.9	260	263.9	https://www.greentnmission.com/Web		
27	Telangana	550	600	316.97	221.59	538.56	Yes	-	-
28	Tripura	82	202.55	15.38	57.70	87.95	-	6,64,397	-
29	Uttar Pradesh	1701	4060.8	528.63	3523.93	4052.56	https://nms.pmsupfd.in/AdminNurseryList_new.aspx	3782400	After the plantation of trees in the rainy season 2022, there are 871.12 lakh saplings left in 1681 nurseries in various forest divisions of the state.
30	Uttarakhand	364	546	82.63	23.09	105.72	https://forest.uk.gov.in/uploads/file_uploads/1665051006.html	320393	
31	West Bengal	-	-	6.21	-	6.21	http://westbengalforest.gov.in	6862	
32	Ladakh	15	1289000	Nil	102136	102136	-	-	-
33	Daman and Diu and Dadar and Nagar Haveli		27	NIL	NIL	1634800	-	-	State Fund
	TOTAL	11793	112235931.2	18811840.55	43484344.22	49287106.99		16255697.14	

File No: NA-1/40/2022-NA
Government of India
Ministry of Environment, Forest & Climate Change
National Compensatory Afforestation Fund Management and Planning Authority
(National Authority)
Email: adhoc-campa-mef@nic.in

Hall No 1, 4th Floor
Block No.3, CGO Complex
Lodhi Road, New Delhi- 110003
Dated 26th December 2022

OFFICE ORDER

The Compensatory Afforestation Fund includes monies received from user agencies towards compensatory levies collected in lieu of clearances accorded for non-forestry use of forest land under the Forest (Conservation) Act, 1980. Accordingly, the annual plan of operations submitted by the State Government are approved by the Executive Committee for implementation of various activities including compensatory afforestation, catchments area treatment, wildlife management and other activities approved as per provisions under the Compensatory Afforestation Fund Act, 2016 & Rules, 2018. The CAF Act provides for monitoring of CAMPA activities by the Central Government.

2. In order to have quick assessment of CAMPA activities carried out by the States/UTs and to ensure transparency, efficiency and effectiveness in utilisation of CAMPA fund and outcomes, following teams have been constituted for carrying out test check of various CAMPA activities in the States mentioned against the team.

Team	Name of Officers	States/UTs
Team 'A' North India & Central India	1. Sri Anand Prabhakar, DIGF 2. Sri Hemant Singh, AIGF 3. Sri Sanjay Chauhan, AIGF	J&K, Ladakh, Himachal Pradesh, Punjab, Haryana, Uttarakhand, Chandigarh, Madhya Pradesh, Uttar Pradesh, Delhi, Chhattisgarh etc.
Team 'B' Southern & Western India	1. Sri Rajendra Kumar Garwad, DIGF 2. Sri Suneet Sharma, AIGF 3. Smt Suveena Thakur, AIGF	Rajasthan, Gujarat, Dadra & Nagar Haweli, Daman & Diu, Maharashtra, Goa, Kerala, Tamil Nadu, Andhra Pradesh, Telangana, Pondicherry, Andaman & Nicobar etc.

Team 'C' Eastern India & NER	1. Sri P. P. Singh, DIGF 2. Sri Sunil Sharma, AIGF 3. Smt Banumathi, AIGF	Arunachal Pradesh, Assam, Bihar, Jharkhand, West Bengal, Sikkim, Nagaland, Manipur, Odisha, Tripura, Meghalaya, Mizoram,
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3. The teams are required to visit the States/UTs covering two divisions every month of a State and submit their report to the National Authority.

This issued with the approval of the Competent Authority.



(R. Raghuprasad)

Joint Chief Executive Officer,
 National Authority.

Copy to:

1. All PCCF & HoFF of States/UTs
2. All CEO, State/UTs, CAMPA Authorities
3. All Officers Concerned.

Copy forwarded to for information:

1. PPS to DGF&SS, Ministry of Environment, Forest and Climate Change, New Delhi.
2. PPS to ADG (FC)/ (WL)/(Forest), Ministry of Environment, Forest and Climate Change, New Delhi.
3. Deputy Director General of Forests/IGF/DIGF, all Regional Offices, Ministry of Environment, Forest and Climate Change, New Delhi.
4. IGF FC/WL, Ministry of Environment, Forest and Climate Change, New Delhi.
5. Technical Director (NIC), with a request to upload the sanction on the E-Green watch portal.
6. Guard File.



Dr. K. Ravichandran, IFS
Director

भारतीय वन प्रबंध संस्थान

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय, भारत सरकार का स्वायत्त संस्थान
नेहरू नगर, भोपाल-462003, मध्य प्रदेश, भारत

Indian Institute of Forest Management

An Autonomous Institute of the Ministry of
Environment, Forest & Climate Change, Govt. of India
Nehru Nagar, Bhopal - 462003, Madhya Pradesh, India

IIFM/SPS/Aca. 05/2023/ 17
24th
25 January 2023

To
The Chief Executive Officer
National Authority CAMPA
Ministry of Environment, Forest & Climate Change
Hall No. 1, 4th Floor
Block No. 3, CGO Complex
Lodhi Road, New Delhi 110003

Sub: Submission of revised proposal for providing support through Project Management Consultancy Unit (PMC) and National CAMPA Monitoring and Evaluation Cell (NMEC) at National Authority

Ref: National Authority, MoEF&CC letter No. NA-1/32/2022-NA dated 17.01.2023

Sir,

Kind reference is invited to the letter quoted under reference. As suggested, the revised proposal for "Providing support through Project Management Consultancy (PMC) and National CAMPA Monitoring and Evaluation Cell (NMEC) at National Authority", after aligning the manpower and budget components wherever feasible, is submitted herewith for kind consideration and necessary approval.

Kind regards

Yours sincerely,

K. Ravichandran
(K. Ravichandran)

Encl: As above

**Proposal for providing support through
Project Management Consultancy (PMC)
and National CAMPA Monitoring
and Evaluation Cell (NMEC)
at National Authority**

Submitted by



**Indian Institute of Forest Management
Bhopal**



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Proposal for providing support through Project Management Consultancy (PMC) and National CAMPA Monitoring and Evaluation Cell (NMEC) at National Authority

Background

The Compensatory Afforestation Fund Act, 2016 (CAF Act 2016) was enacted to provide for the establishment of funds the public accounts of each State and crediting thereto the monies received from the user agencies towards compensatory afforestation, additional compensatory afforestation, penal compensatory afforestation (CA), net present value (NPV) and all other amounts recovered from such agencies under the Forest (Conservation) Act, 1980; constitution of an authority at national level and at each of the State and Union territory Administration for administration of the funds and to utilise the monies so collected for undertaking artificial regeneration (plantations), assisted natural regeneration, protection of forests, forest related infrastructure development, Green India Programme, wildlife protection and other related activities and for matters connected therewith. National Authority, CAMPA was set up after the Gazette Notification of the CAF Act, 2016, and came into force w.e.f. 30.09.2018.

The objectives of the National Authority, CAMPA are listed below:

- i. Maintain the accounts of funds received under CAF Act
- ii. Reconciliation of Funds and release of State/UT's share
- iii. Approval of APOs of State/ UTs
- iv. Management of National Fund
- v. Approval of Schemes under National Fund
- vi. Monitoring and evaluation of CAMPA activities
- vii. Preparation of Annual Accounts & reports
- viii. Coordination with States/ UTs and Institutions for effective implementation of CAMPA activities
- ix. Other functions as per CAF Act, 2016

The National Authority is at present administering funds collected as per the Compensatory Afforestation Fund Act, 2016 and Rules, 2018. The National Authority, CAMPA ensures overall implementation, management and monitoring of CAF Act, 2016 and Rules,2018 focussing on promoting afforestation and regeneration activities as a way of compensating for forest land diverted onwards non forest purposes.

The National Authority is facing acute shortage of professional and technical human resource to assist in various functions of NCAMPA. It is felt necessary to create Project Management Consultancy Unit (PMC) and National Monitoring and Evaluation Cell (NMEC) to address the above issues. The PMC will help in carrying out the key functions of CAMPA, financial management and to coordinate the monitoring efforts. The PMC will also be made responsible to provide necessary data and support to the Monitoring Group constituted as per CAF Act,2016, whenever required by them.

Accordingly, the Chief Executive Officer, National Authority CAMPA (NCAMPA), MoEF&CC vide letter No. NA-I/32/2022-NA dated 18th October 2022 requested IIFM to submit a proposal the creation of Project Management Consultancy (PMC) and National CAMPA Monitoring and Evaluation Cell (NMEC) at National Authority for providing assistance to the National Authority in view of the acute shortage of professional and technical human resources to assist in various functions of NCAMPA.

About IIFM

IIFM possesses more than 40 years of experience in multiple facets of forestry and natural resource management and unique ability to handle research, training and extension needs of diverse stakeholders on account of its multidisciplinary scientific capacity. IIFM has wide-ranging expertise and technical skills available in the domains of forestry and plantation management, wildlife management, watershed management, ecosystem services quantification and valuation, remote sensing and geo-informatics, human resource and financial management, marketing and value chain analysis, policy analysis, communication, and extension. Some of the milestones in IIFM's achievements that gained substantial attention from academia and policy makers include the Bhopal-India Process to develop a set of national level Criteria and Indicators to measure sustainability of forest management in India, coproduction of sustainable solutions for management of minor forest produces, economic valuation of ecosystem services of tiger reserves, estimations of Net Present Values for calculating payments to compensatory

afforestation funds during forest diversion etc. and contributions for amendment of Indian Forest Act etc.

IIFM has established itself as a knowledge leader in plantation programme evaluation by partnering with various states including Chhattisgarh, Odisha and Maharashtra for third party evaluation of CAMPA plantation activities. IIFM has reviewed and evaluated afforestation schemes for diverse agencies such as CAMPA, National Thermal Power Corporation, National Mission for Clean Ganga, State Forest departments etc. IIFM in 2016 developed a comprehensive evaluation manual for compensatory afforestation. With its multidisciplinary knowledge resources spanning forestry, ecosystem sciences, wildlife management, community forestry, financial and human management, communication and extension, remote sensing and geoinformatics and information technology and quantitative techniques IIFM is uniquely positioned to align compensatory afforestation programmes towards global ecological restoration efforts with a view to a scale up and accelerate the fulfilment of the country's land restoration and carbon sink targets.

IIFM will set up the Project Management Consultancy Unit (PMU) and National Monitoring and Evaluation Cell (NMEC) for assisting N-CAMPA by hiring the professionals. The composition, scope of works for both the PMC and NMEC are proposed as under.

1. Project Management Consultancy (PMC)

The Project Management Consultancy (PMC) will be set up at the National Authority in New Delhi, to coordinate the rapid completion of evaluation activities. This Unit shall consist of seven experts in the field of environment, economics, wildlife, forest, remote sensing and geographical information system and social sector. Four support staff will be recruited to assist the expert members including professionals with experience in data analysis and report writing.

Job description of PMC expert members: The expert members of PMC will develop and implement perspective plan, analyse Annual Plan of Operations (APOs) submitted by various states/UTs for approval, and develop and implement reporting mechanisms. In addition, they will coordinate the collection and analysis of data for preparation of various reports viz. quarterly & annual reports, field survey reports and third-party evaluation reports design a research development component under CAMPA.

Profile of Team leader of PMC: The team leader is a forestry expert/professional with experience of 15 years and above.

Profile of PMC expert members: Professionals with 6-10 years of experience in research and administrative roles in the domains environment, economics, wildlife, forest, remote sensing and geographical information system and social sector. The PMC is proposed to be constituted with the following experts

S. No	Position	Experience in years	Number	Remuneration per month
1	Forestry Expert and Team Leader	Management Profile with experience of 15 years and above	1	2,00,000
2	Ecological Expert	Management Profile with experience between 6 to 10 years	1	1,50,000
3	Wildlife Expert	Management Profile with experience between 6 to 10 years	1	1,50,000
4	Economics & Finance Expert	Management Profile with experience between 6 to 10 years	1	1,50,000
5	Social Sciences Expert	Management Profile with experience between 6 to 10 years	1	1,50,000

Scope and functions of the Project Management Unit (PMU)

The scope and functions of work of the PMU shall be as follows:

A. Perspective Plan

- (a) Prepare a perspective plan for the Authority keeping in view the mandate, budget, and key current and future requirements of the sector in terms of support for development of forests and wildlife and mitigating negative effects of diversion of forest land.
- (b) Support in organizing consultations before finalization of the perspective plan.

B. Monitoring and Evaluation of CAMPA Activities and Performance Assessment

- (a) Monitoring expenditure of funds provided to States by the Authority and analyse the monitoring reports submitted by the States. Facilitate development of GIS enabled platform / integrate with existing GIS platform for such monitoring.
- (b) Support the Monitoring Group with adequate data and reports from time to time and perform such functions as directed by National Authority and the Monitoring Group. PMU will support Monitoring Group in carrying out its function effectively and do necessary follow up on its directions/ decisions.
- (c) Facilitate in documentation of best practices, prepare output– outcome analysis. Define indicators and parameter to measure outcomes and methodology for reporting on the parameters.
- (d) PMU will be responsible in running of National Monitoring and Evaluation Centre in National Authority for monitoring, evaluation and documentation of CAMPA activities.
- (e) Develop reporting format for APO, quarterly reports, annual reports, audit reports, field survey reports and third-party evaluation reports to ensure uniformity in reporting formats across all States/ UTs.
- (f) Coordinate among the State/ UT CAMPA units, and undertake collection and analyse of data, implement the geo-spatial portal for monitoring.

C. Annual Plan of Operations

- (a) The PMU will assist National Authority in analysis and appraisal of the Annual Plan of Operations (APO) provided by the States/ UTs, develop a uniform/ standard framework for the APO and correlate information between FC clearances, CA data and actual work done.

- (b) Collate and manage data related to diversion of forest land from PARIVESH and map it with CA works being done in the States/UTs, track expenditure.
- (c) Analyse the progress reports submitted by the States with reference to APOs for better progress monitoring and in also assessing overlap with the regular activities carried out by the State Forest Department or other central schemes.
- (d) Preparation of Monthly, Quarterly and Annual Reports.
- (e) Publication of Technical bulletins, Research reports, Best practices, Newsletters, etc.
- (f) Reconciliation of CAMPA receipts.

D. Research and Development

- (a) Design a research and development component under the CAMPA along with guidelines so that states and other research institutions can tap the funds for high quality research and developing solutions for critical/ emerging challenges faced by the sector.
- (b) Develop a network of scientific and expert institutions for knowledge sharing, infusion of new ideas and best practices, collaboration and scheme designing.
- (c) Develop a data management system for analysis, retrieval quick reporting and archival by leveraging information technology systems.
- (d) Development of strategy for knowledge management to support the sector.
- (e) Support research on identification of state(s) specific priority areas which could be supported through CAMPA funds.
- (f) Through involvement of research institutions, identifying areas of long-term support like Climate change mitigation, provisioning of ecological services, strategies for ecorestoration of degraded forests, etc.

E. Conceptualising and Designing New Schemes/ programmes to meet emerging challenges and opportunities in the forestry sector

- (a) Identification and Assessment of themes and subject areas for new scheme development. Coordinate with SFDs and other expert organisations for the same.
- (b) Support identification of areas in which new scheme can be designed and provide necessary data and research support for the same.
- (c) Facilitate and coordinate wider discussions on designing of such schemes through workshops and seminars, preparation of scheme draft and finalisation of the scheme.
- (d) Appraisal of new schemes proposed by States.

F. Other activities

- (a) Help in organisation of workshops and seminars through identification of topics, resources persons, participants, and support in management.
- (b) To leverage and support activities under the various streams within the Ministry related to the country's plan for combating climate change, land degradation and biodiversity and wildlife conservation.
- (c) Tracking of afforestation and natural regeneration activities under various schemes for contribution to mitigating climate change and achievement of the NDCs.
- (d) To identify key stakeholders and develop communications strategy for CAMPA and develop extension material as per the strategy.
- (e) Any other requirement(s) of National Authority.
- (f) Any other similar needs in the Ministry.

2. National CAMPA Monitoring and Evaluation Cell (NMEC)

The National CAMPA Monitoring and Evaluation Cell (NMEC) will be established to assist the PMU in carrying out the task assigned by the National CAMPA. The NMEC will comprise of four expert members supported by Data Management Analyst, Office Assistant and Multi-Tasking Staff (MTS) and will have its units both in National Authority and at IIFM, Bhopal.

Job description of expert members of NMEC: The experts will support data collection, and analysis, RS and GIS based studies and generate reports for rapid assessment of CAMPA activities and will supervise the selection of personnel for evaluation. NMEC will engage state wise panels of experts for carrying out evaluation and monitoring and also accredit agencies for third party monitoring. The expert members will also support the designing and conducting of training programmes for remote sensing and other technologies like drones, LiDAR, etc., to develop necessary expertise to undertake technical tasks.

Profile: Professionals with more than 5 years of experience in research and administrative roles in the domains environment, economics, wildlife, forest, remote sensing and geographical information system and social sector.

S. No	Position	Experience in years	Number	Remuneration per month per person
1	Forestry professional and Team Leader	Management Profile with experience of more than 5 years	4	80,000
2	Ecology/ Young Professional	Management Profile with experience of more than 5 years	4	70,000
3	Social Science Young Professional	Management Profile with experience of more than 5 years	4	70,000
4	Remote Sensing & GIS Young Professional	Management Profile with experience of more than 5 years	4	70,000
5	Data Management & Analyst	Engineering graduates with 5 years of working experience in relevant field	4	60,000
6	Office Assistant	Graduates with 3 years of experience	4	45,000
7	Multi-Tasking Staff	Graduates in any discipline	4	32,000

NMEC (units both in National Authority and in IIFM, Bhopal) is aimed at ensuring effective monitoring and evaluation of the activities undertaken at the State/UT/Institutional level. The activities and functions are to

- provide secretarial assistance to the PMC and the National Authority
- carryout with the works assigned by the PMU and the National Authority
- coordinate with Forest Survey of India and other institutions for assessment of outcomes of CAMPA activities
- integrate with platforms and databases like PARIVESH and eGreen Watch
- support data collection, and analysis, field visits, surveys, RS and GIS based studies and generate reports
- identify redundant activities under funding sources
- capacity building for remote sensing and other technologies like drones, LiDAR, etc
- publication of Technical bulletins, Research reports, Best practices, Newsletters, etc.
- updation of data/reports, etc.

Period

The institute will establish the PMU and NMEC (Four teams) at National CAMPA, MoEF&CC, New Delhi and NMEC (one team) at IIFM. The PMU and NMEC shall be engaged initially for a period of five years on a project mode. The manpower in the PMU and NMEC may be increased or decreased as per the requirement of National CAMPA from time to time. The manpower provided in PMU and NMEC at National CAMPA is over and above the existing strength of secretariat. The term of engagement will be extended for further period based on performance and requirement of the Authority. The work allocation, monitoring, and administrative control of PMU and NMEC to be placed at National CAMPA authority, have to be done by the national CAMPA. Four NMEC (one for each region) has to work under the supervision and control of PMU.

Budget

S. No.	Particulars	Remuneration per month	Units	Year 1	Year 2	Year 3	Year 4	Year 5	Total
A	Manpower (PMC) Unit								
1	Forestry Expert and Team Leader	2,00,000	1	24,00,000	24,00,000	30,00,000	30,00,000	30,00,000	1,38,00,000
2	Ecological Expert	1,50,000	1	18,00,000	18,00,000	22,50,000	22,50,000	22,50,000	1,03,50,000
3	Wildlife Expert	1,50,000	1	18,00,000	18,00,000	22,50,000	22,50,000	22,50,000	1,03,50,000
4	Economics & Finance Expert	1,50,000	1	18,00,000	18,00,000	22,50,000	22,50,000	22,50,000	1,03,50,000
5	Social Sciences Expert	1,50,000	1	18,00,000	18,00,000	22,50,000	22,50,000	22,50,000	1,03,50,000
B	Manpower (NMEC)								
1	Forestry professional and Team Leader	80,000	4	38,40,000	38,40,000	48,00,000	48,00,000	48,00,000	2,20,80,000
2	Ecology/Wildlife Young Professional	70,000	4	33,60,000	33,60,000	38,40,000	38,40,000	38,40,000	1,82,40,000
3	Social Science Young Professional	70,000	4	33,60,000	33,60,000	38,40,000	38,40,000	38,40,000	1,82,40,000
4	Remote Sensing & GIS Young Professional	70,000	4	33,60,000	33,60,000	38,40,000	38,40,000	38,40,000	1,82,40,000
5	Data Management & Analyst	60,000	4	28,80,000	28,80,000	33,60,000	33,60,000	33,60,000	1,58,40,000
6	Office Assistant	45,000	4	21,60,000	21,60,000	24,00,000	24,00,000	24,00,000	1,15,20,000
7	Multi-Tasking Staff	32,000	4	15,36,000	15,36,000	15,36,000	24,00,000	24,00,000	94,08,000
C	Travel			40,00,000	40,00,000	50,00,000	50,00,000	60,00,000	2,40,00,000
D	Office Expenses			20,00,000	20,00,000	25,00,000	25,00,000	30,00,000	1,20,00,000
E	Equipment			1,00,00,000	0	0	0	0	1,00,00,000
	Sub Total			4,60,96,000	3,60,96,000	4,31,16,000	4,39,80,000	4,54,80,000	21,47,68,000
	Contingencies for miscellaneous expenses @ 5%			23,04,800	18,04,800	21,55,800	21,99,000	22,74,000	1,07,38,400
	Total			4,84,00,800	3,79,00,800	4,52,71,800	4,61,79,000	4,77,54,000	22,55,06,400
	Institutional Charges @ 10%			48,40,080	37,90,080	45,27,180	46,17,900	47,75,400	2,25,50,640
	GRAND TOTAL			5,32,40,880	4,16,90,880	4,97,98,980	5,07,96,900	5,25,29,400	24,80,57,040



प्रगते: मूलं प्रकृति:

Dr. K. Ravichandran, IFS
Director

भारतीय वन प्रबंध संस्थान

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय, भारत सरकार का स्वायत्त संस्थान
नेहरू नगर, भोपाल-462003, मध्य प्रदेश, भारत

Indian Institute of Forest Management

An Autonomous Institute of the Ministry of
Environment, Forest & Climate Change, Govt. of India
Nehru Nagar, Bhopal - 462003, Madhya Pradesh, India

IIFM/SPS/Adm. 02/2023/ 20
30th January 2023

To
The Chief Executive Officer
National Authority CAMPA
Ministry of Environment, Forest & Climate Change
Hall No. 1, 4th Floor
Block No. 3, CGO Complex
Lodhi Road, New Delhi 110003

Sub: Submission of proposal for establishment of Training and Capacity Building
Infrastructure Development for Sustainable Forest Management and Biodiversity
Conservation at IIFM, Bhopal

Sir,

Kind reference is invited to the discussion held on 10th January 2023 on the subject
regarding establishment of Training and Capacity Building Infrastructure Development for
Sustainable Forest Management and Biodiversity Conservation at the Institute. The
proposal with rationale and preliminary cost estimates along with drawings is submitted
herewith for kind consideration and necessary approval.

Kind regards

Yours sincerely,

K. Ravichandran
(K. Ravichandran)

Encl: As above

Training & Capacity Building Infrastructure Development for Sustainable Forest Management and Biodiversity Conservation



Submitted by



प्रगते: मूलं प्रकृतिः

**Indian Institute of Forest Management
Bhopal**

Introduction

The Indian Institute of Forest Management (IIFM) is a sectoral management institute, which constantly endeavours to evolve knowledge useful for the managers in the area of Forest, Environment and Natural Resources Management and allied sectors. The institute is mandated with activities related to academics, research, training and capacity building in areas related to environment, forestry including farm and agroforestry, sustainable development, biodiversity conservation, Sustainable forest management, etc. It disseminates such knowledge in ways that promote its application by individuals and organizations. IIFM as an institute constantly engaged in provide training and capacity building in management and related subjects for persons from the Indian Forest Service, Forest Departments, Forest Development Corporation, Forest based industries, officials of line Departments, Scientists and Farmers engaged in Biodiversity conservation, Natural Resource Management, Sustainable Development and Climate Change with a view to equip them to practice the art and profession of management. IIFM through its capacity building programs inculcate an appreciation in those selected for training, that conservation is of overriding importance in the management of living natural resources and that the primary role of forests is the vital ecological and environmental purpose they serve. IIFM prepare outstanding and talented young persons for careers leading to management responsibility in forestry, Natural Resource Management and Sustainable Development.

Objective

1. Organise capacity building programmes in subject areas related to biodiversity conservation and Sustainable forest management cater to different stakeholders
2. Develop and impart need based and sector driven capacity building programmes
3. Building state of art training & capacity building infrastructure for sustainable forest management and biodiversity conservation

Rationale

In recent past IIFM has been engaged in organising number of capacity building programs for Natural Resource Management and Biodiversity conservation. The grand challenge for conservation of Biodiversity is simple to state, but complex to solve. With increasing human population, resource consumption, and environmental footprint many other species are threatened by habitat degradation, hunting and harvesting, pathogens and

pollution. There are no longer any safe havens for any species, anywhere. Forestry plays a pivotal role in environmental protection, socio-economic development, poverty reduction and livelihoods of the resource dependent communities. Given the importance of forests, Sustainable forest management offers a holistic approach to ensure forest activities deliver social, environmental and economic benefits, balance competing needs and maintain and enhance forest functions and services now and in the future. Forest certification is the tool to prove this and to connect the consumer with the sustainable origins of their products. Sustainable forest management largely aims at maintenance, conservation and enhancement of ecosystem biodiversity, Protection of ecologically important forest areas, Promotion of the health and well-being of forest communities, and Climate positive practices such as reduction of GHG emissions in forest operations, etc. In above scenario conservation of biological diversity is thus simultaneously important, urgent, insufficient, underfunded, controversial, and politicized (Butchart et al., 2010; Hoffmann et al., 2010; Barnosky et al., 2012; Ripple et al., 2014; Woinarski et al., 2015).

It has been widely recognised and realised that the expansion of human capacity is required to conserve biodiversity, to manage its use, and to address threats to it. Capacity building has been recognised as important not only for those charged with managing the use of natural resources, but for senior decision-makers, industrialists, and local communities. This could be achieved through three ways: a) increasing public appreciation and awareness of the value and importance of biodiversity, and public involvement in its conservation and sustainable use; b) improving the understanding of biodiversity through conducting capacity building program, research, improving biological inventories, establishing and maintaining monitoring systems, sharing information, and incorporating traditional knowledge, and; c) strengthening existing management capacity through appropriate training.

Human resource development and training is must for biodiversity conservation and management. With the given limited infrastructure IIFM has been constantly engaged in capacity building of all stakeholders engaged in Natural Resource Management and Biodiversity conservation. IIFM had a reorientation of its existing training programmes concerning biodiversity conservation and human interactions with the natural environment, with particular emphasis on multidisciplinary approaches to cater to the need of all stakeholders. IIFM has devised various short-term training and capacity building programs in biodiversity management and allied areas tailored to the needs of particular groups such as government officers, scientists, communities, teachers, resource managers, non-governmental

organisations, and senior decision-makers. This has also made it necessary to have sufficient infrastructure to host the participants on campus for more immersive experience during capacity building program.

There is a felt need for professional capacity development in the biodiversity, restoration ecology, and sustainable forest management areas that can be fulfilled by training programmes in these fields. The Indian Institute of Forest Management therefore proposes to increase the number of training and capacity building programmes to reach out to various stakeholders. Implementation of these programmes would be done through improvements in facilities and competencies. The institute is running several short courses and plans to increase the number of programmes in the near future to help the stakeholders, particularly personnel from forest department and other line departments of states and union territories, wood based industries, farmers and institutions to acquire relevant knowledge and skill sets that will enhance sustainable management of forests and the profile of biodiversity conservation and sustainable management practices in the country. At present with given infrastructure it is not sufficient to run the in house capacity building programs on various issues for multiple stakeholders. Hence, it has been proposed to build training infrastructure especially construction of hostel accommodation of 100 rooms with added facilities at IIFM campus to accommodate participants of various capacity building programmes. The preliminary design and drawing for hostel accommodation infrastructure and the abstract estimate have been enclosed as Annexure A&B.

Budget

The overall tentative budget estimate for construction of training infrastructure comes to Rs. 24.06 crores. The operational cost is proposed at Rs. 0.50 crore. The total estimated cost for infrastructure for capacity building programme is Rs. 24.56 crores.

References:

Barnosky, A. D., Hadly, E. A., Bascompte, J., Berlow, E. L., Brown, J. H., Fortelius, M., et al. (2012). Approaching a state shift in Earth's biosphere. *Nature* 486, 52–58. doi: 10.1038/nature11018

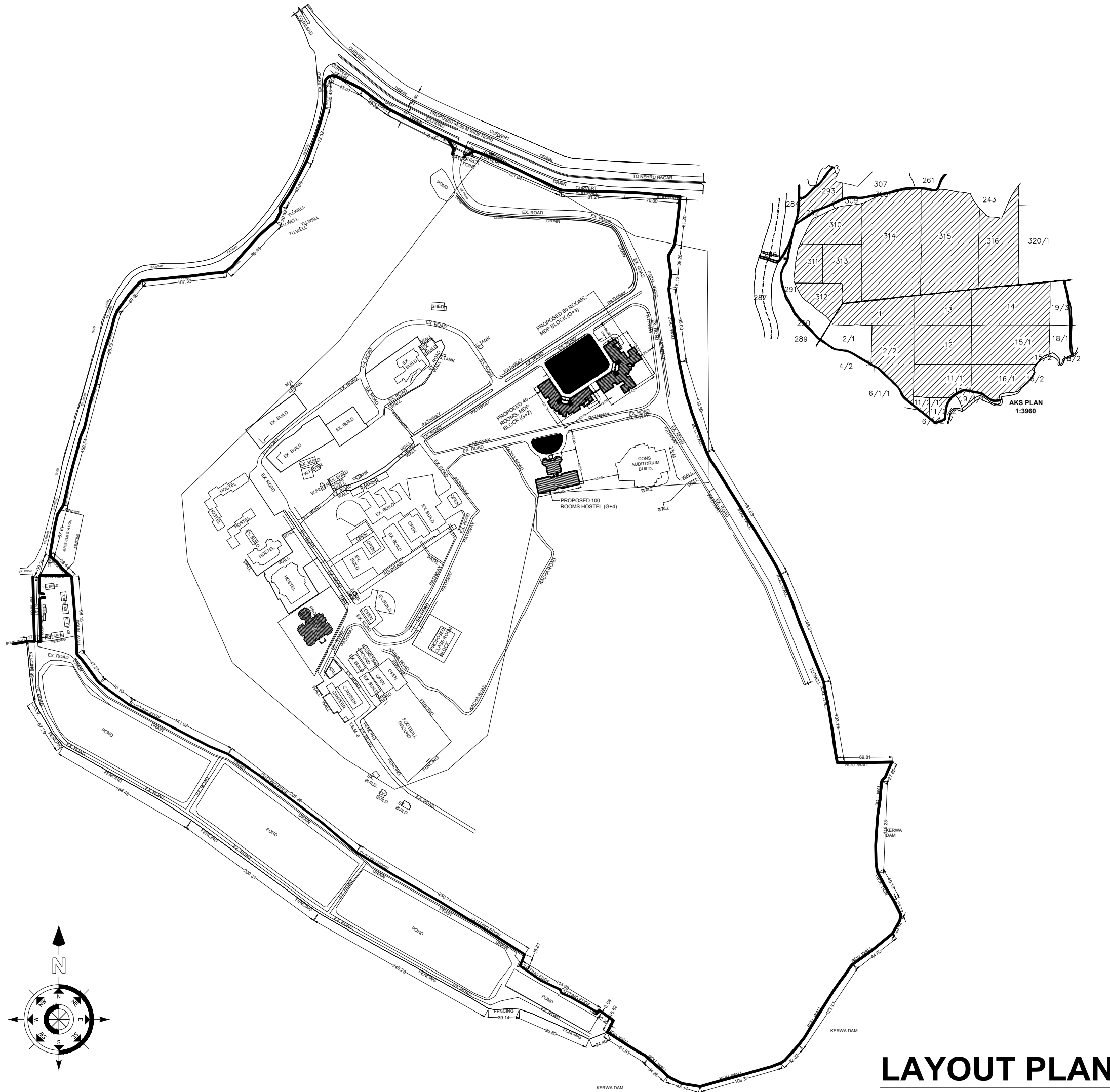
Butchart, S. H. M., Walpole, M., Collen, B., van Strien, A., Scharlemann, J. P. W., Almond, R. E. A., et al. (2010). Global biodiversity: indicators of recent declines. *Science* 328, 1164–1168. doi: 10.1126/science.1187512

Hoffmann, M., Hilton-Taylor, C., Angulo, A., Böhm, M., Brooks, T. M., Butchart, S. H. M., et al. (2010). The impact of conservation on the status of the world's vertebrates. *Science* 330, 1503–1509. doi: 10.1126/science.1194442

Ripple, W. J., Estes, J. A., Beschta, R. L., Wilmers, C. C., Ritchie, E. G., Hebblewhite, M., et al. (2014). Status and ecological effects of the world's largest carnivores. *Science* 343:1241484. doi: 10.1126/science.1241484

Woinarski, J. C., Burbidge, A. A., and Harrison, P. L. (2015). Ongoing unraveling of a continental fauna: decline and extinction of Australian mammals since European settlement. *Proc. Natl. Acad. Sci. U.S.A.* 112, 4531–4540. doi: 10.1073/pnas.1417301112

ANNEXURE – 1



- टिप्पणीयाँ**
1. सभी माप मीटर में हैं।
 2. विशेष दिए गए मापों को छोड़कर सिर्फ लिखित मापों का पालन करें।
 3. मापों में पाई गई भिन्नता कार्य शुरू करने से पहले वास्तुक को सूचित करें।
 4. स्थानीय निकाय से अनुमोदन के बिना इस प्रोजेक्ट का निर्माण कार्य प्रारंभ न किया जाय । वास्तुक कार्यालय ऐसे किसी भी निर्माण कार्य के प्रति उत्तरदायी नहीं है ।

NOTE :-

- THE LAYOUT PLAN IS BASED ON THE MASTER PLAN SENT BY THE CLIENT DEPTT. VIDE E-MAIL DATED 18-07-2022. THROUGH EE-I, CPWD BHOPAL.

IMPORTANT NOTE :-

THE BUILDING PLAN IS SUBJECT TO MODIFICATIONS, AS PER THE LOCAL BODY APPROVALS, CLEARANCE FROM FIRE AUTHORITY AND AIRPORT AUTHORITY OF INDIA.

ADVANCED COPY

CONCEPTUAL DRAWING

IIFM, BHOPAL (M.P.)

के.लो.नि.वि. कार्यालय मुख्य अभियंता (क्षेत्र भोपाल),
केन्द्रीय लोक निर्माण विभाग,
निर्माण सदन, 52 ए, अेररा हिल्स, भोपाल - 462011

माप नक्शा क्रमांक - CE / BPL / ARCH / 139 / 691-03 / 01

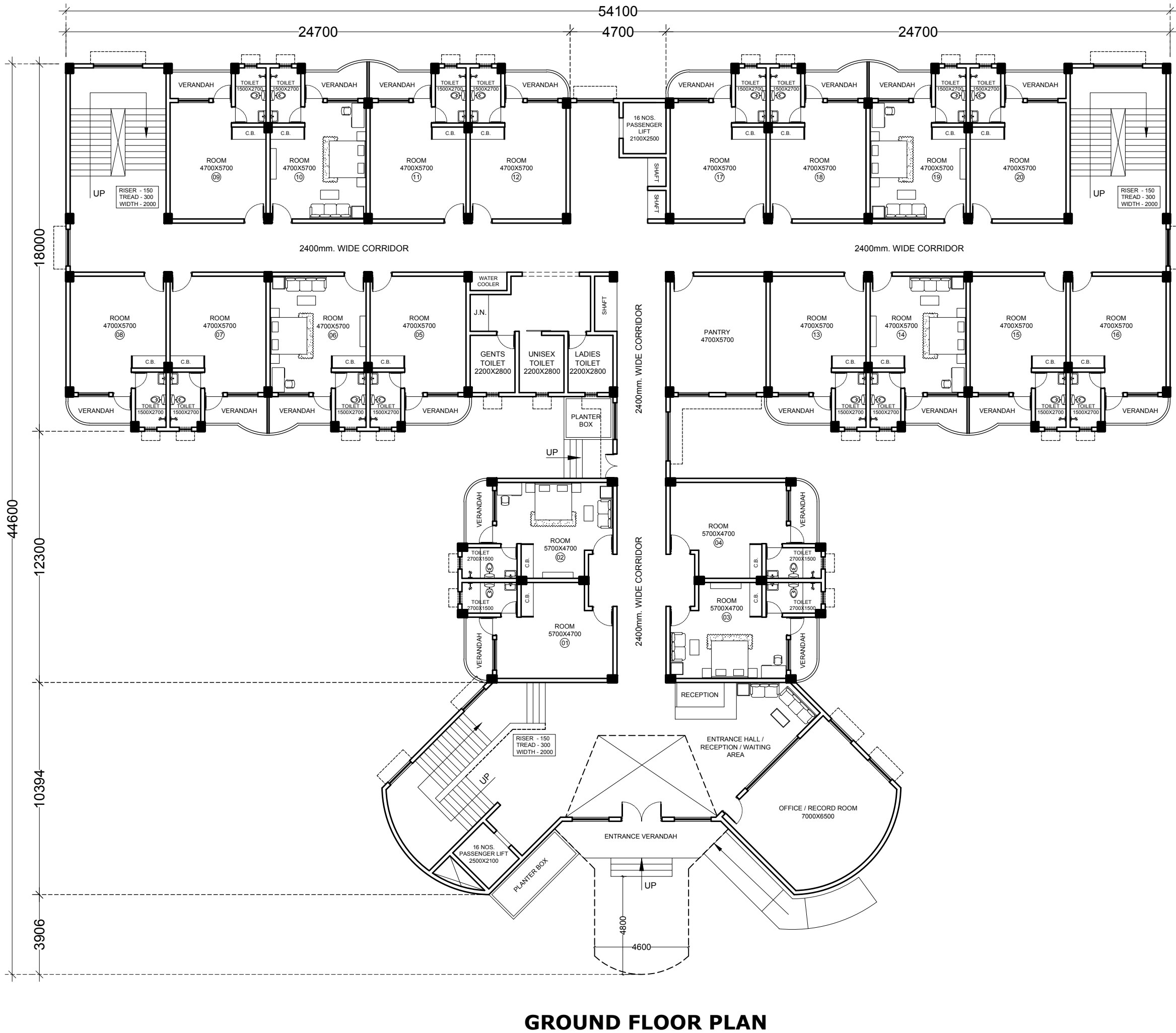
दिनांक : जनवरी 2023

क्रमांक : 139 **100 ROOMS HOSTEL (G+4)**

वास्तुकिय सहायक **LAYOUT PLAN**

वास्तुक मुख्य अभियंता

LAYOUT PLAN



GROUND FLOOR PLAN

टिप्पणीयाँ

1. सभी माप मिलीमीटर में हैं।
2. विशेष दिए गए मापों को छोड़कर सिर्फ लिखित मापों का पालन करें।
3. मापों में पाई गई भिन्नता कार्य शुरू करने से पहले वास्तुक को सूचित करें।
4. स्थानीय निकाय से अनुमोदन के बिना इस प्रोजेक्ट का निर्माण कार्य प्रारंभ न किया जाय। वास्तुक कार्यालय ऐसे किसी भी निर्माण कार्य के प्रति उत्तरदायी नहीं है।

AREA STATEMENT :-

• PLINTH AREA AT GROUND FLOOR	- 1300.00 Sq.M.
• PLINTH AREA AT FIRST FLOOR	- 1249.08 Sq.M.
• PLINTH AREA AT SECOND FLOOR	- 1272.46 Sq.M.
• PLINTH AREA AT THIRD FLOOR	- 1272.46 Sq.M.
• PLINTH AREA AT FOURTH FLOOR	- 1272.46 Sq.M.
• ENTRANCE VERANDAH WITH PORCH AREA	- 40.00 Sq.M.
• ACCESSIBLE RAMP AREA	- 14.00 Sq.M.
• MUMTY AREA (2NO.)	- 80.0 Sq.M.
• MACHINE ROOM (2NO.)	- 50.00 Sq.M.
TOTAL AREA	- 6550.46 Sq.M.
• ARCHITECTURAL FEATURES @ 1% OF TOTAL AREA	= 66.0 Sq.M. (APPROX.)
ALL TOTAL AREA	- 6616.46 Sq.M.
SAY	- 6617.0 Sq.M.

NOTE :-

- FLOOR HEIGHT - 3450 MM.
- ALL BARRIER FREE PROVISIONS TO BE TAKEN IN THE ESTIMATE.
- PROVISION OF ONE FLOOR TO BE TAKEN FOR FUTURE EXPANSION.

NO. OF ROOMS :-

GROUND FLOOR	- 20 (NOS.) ROOMS
FIRST FLOOR	- 20 (NOS.) ROOMS
SECOND FLOOR	- 20 (NOS.) ROOMS
THIRD FLOOR	- 20 (NOS.) ROOMS
FOURTH FLOOR	- 20 (NOS.) ROOMS
TOTAL NO. OF ROOMS -	100 (NOS.) ROOMS

IMPORTANT NOTE :-

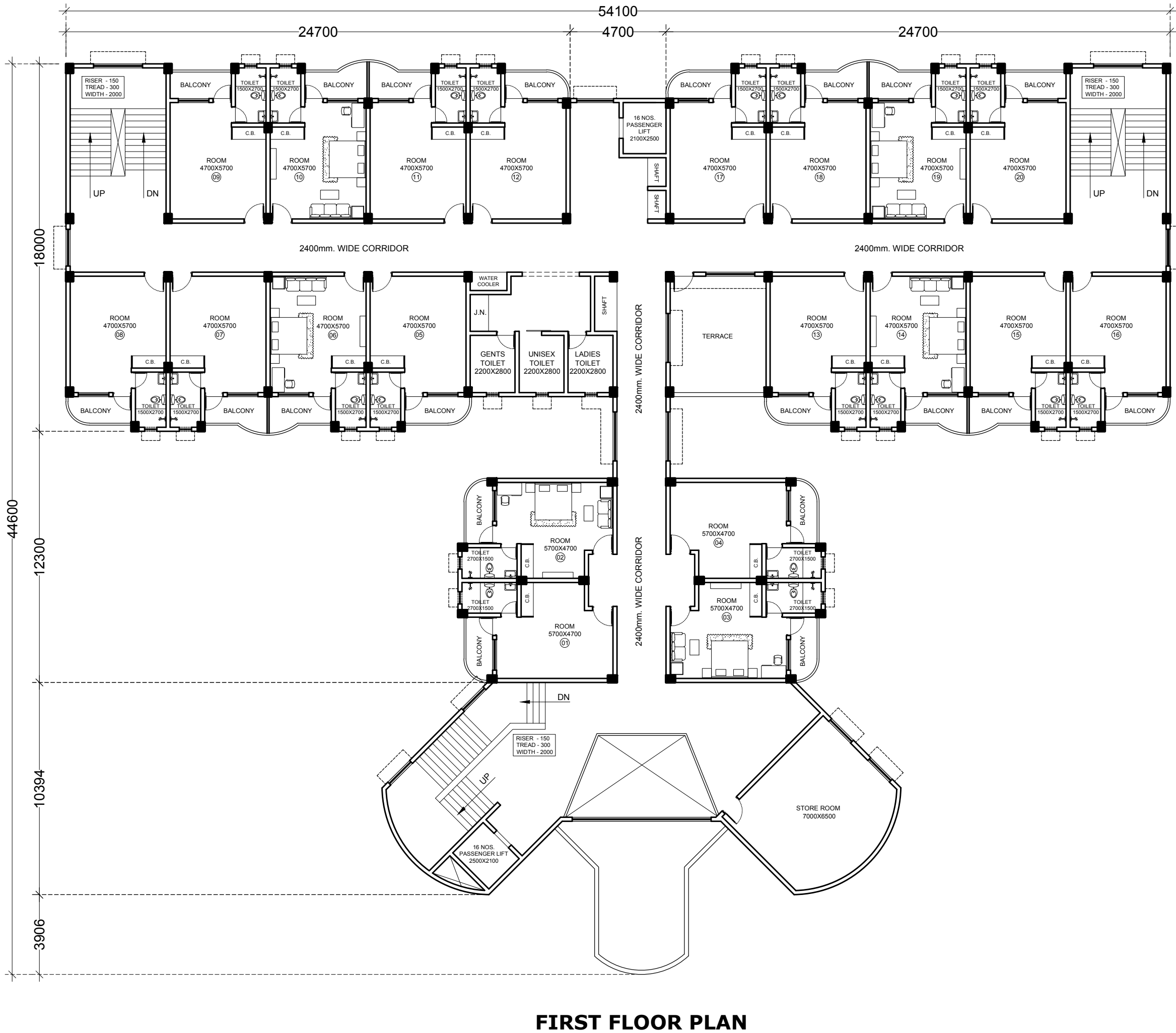
THE BUILDING PLAN IS SUBJECT TO MODIFICATIONS, AS PER THE LOCAL BODY APPROVALS, CLEARANCE FROM FIRE AUTHORITY AND AIRPORT AUTHORITY OF INDIA.

ADVANCED COPY

CONCEPTUAL DRAWING

IIFM, BHOPAL (M.P.)

के.लो.नि.वि.	कार्यालय मुख्य अभियंता (क्षेत्र भोपाल), केन्द्रीय लोक निर्माण विभाग, निर्माण सदन, 52 ए, अररा हिल्स, भोपाल - 462011
माप	नक्शा क्रमांक - CE / BPL / ARCH / 140 / 691-03 / 02
दिनांक : जनवरी 2023	100 ROOMS HOSTEL (G+4)
क्रमांक : 140	
वास्तुकिय सहायक	GROUND FLOOR PLAN
वास्तुक	मुख्य अभियंता



FIRST FLOOR PLAN

टिप्पणीयाँ

1. सभी माप मिलीमीटर में हैं।
2. विशेष दिए गए मापों को छोड़कर सिर्फ लिखित मापों का पालन करें।
3. मापों में पाई गई भिन्नता कार्य शुरू करने से पहले वास्तुक को सूचित करें।
4. स्थानीय निकाय से अनुमोदन के बिना इस प्रोजेक्ट का निर्माण कार्य प्रारंभ न किया जाय। वास्तुक कार्यालय ऐसे किसी भी निर्माण कार्य के प्रति उत्तरदायी नहीं है।

IMPORTANT NOTE :-

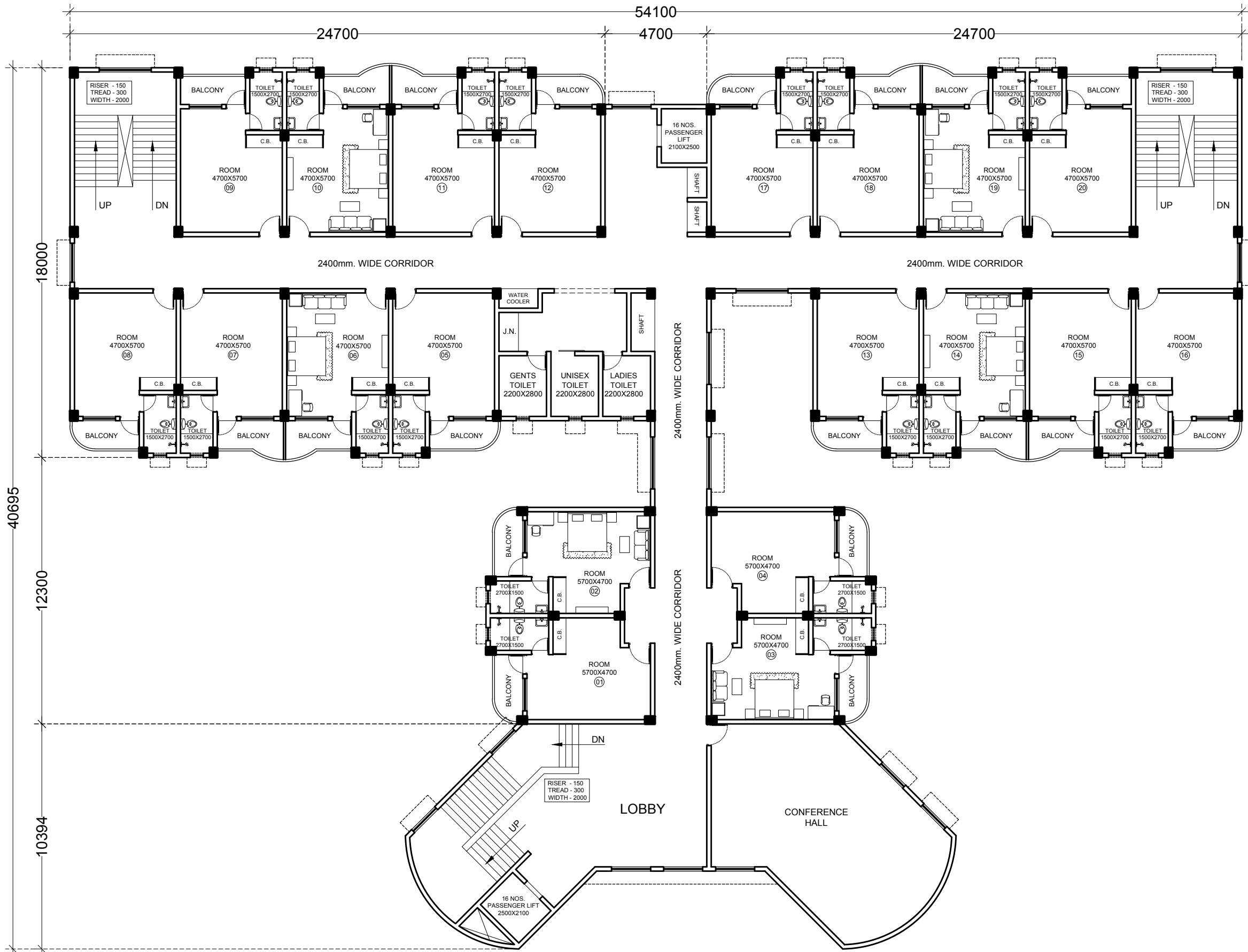
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ADVANCED COPY

CONCEPTUAL DRAWING

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माप	नक्शा क्रमांक - CE / BPL / ARCH / 141 / 691-03 / 03
दिनांक : जनवरी 2023	100 ROOMS HOSTEL (G+4)
क्रमांक : 141	
वास्तुकिय सहायक	FIRST FLOOR PLAN
वास्तुक	मुख्य अभियंता



SECOND FLOOR PLAN

टिप्पणीयाँ

1. सभी माप मिलीमीटर में हैं।
2. विशेष दिए गए मापों को छोड़कर सिर्फ लिखित मापों का पालन करें।
3. मापों में पाई गई भिन्नता कार्य शुरू करने से पहले वास्तुक को सूचित करें।
4. स्थानीय निकाय से अनुमोदन के बिना इस प्रोजेक्ट का निर्माण कार्य प्रारंभ न किया जाय। वास्तुक कार्यालय ऐसे किसी भी निर्माण कार्य के प्रति उत्तरदायी नहीं है।

IMPORTANT NOTE :-

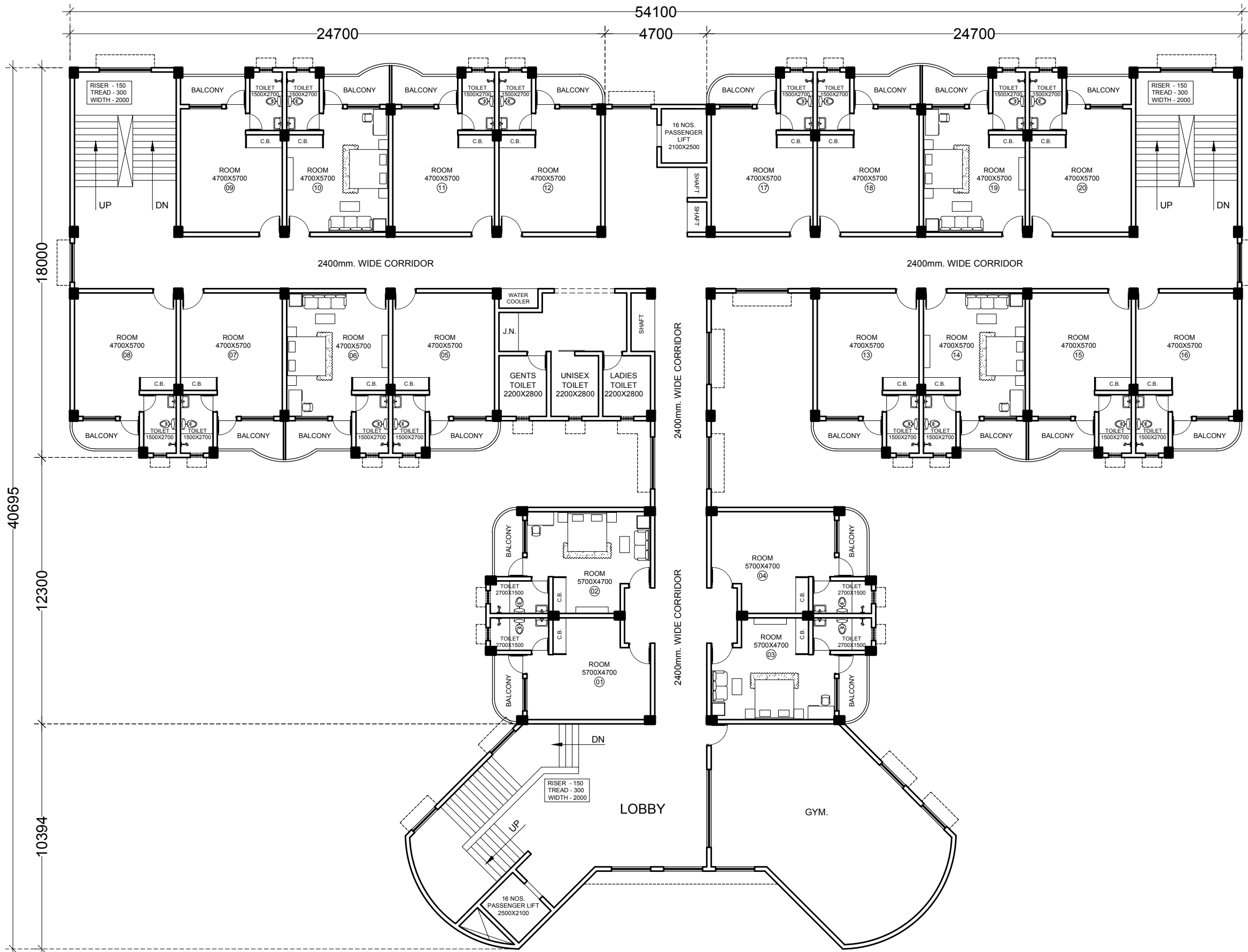
THE BUILDING PLAN IS SUBJECT TO MODIFICATIONS, AS PER THE LOCAL BODY APPROVALS, CLEARANCE FROM FIRE AUTHORITY AND AIRPORT AUTHORITY OF INDIA.

ADVANCED COPY

CONCEPTUAL DRAWING

IIFM, BHOPAL (M.P.)

के.लो.नि.वि.	कार्यालय मुख्य अभियंता (क्षेत्र भोपाल), केन्द्रीय लोक निर्माण विभाग, निर्माण सदन, 52 ए, अरेरा हिल्स, भोपाल - 462011
माप	नक्शा क्रमांक - CE / BPL / ARCH / 142 / 691-03 / 04
दिनांक : जनवरी 2023	100 ROOMS HOSTEL (G+4)
क्रमांक : 142	
वास्तुकिय सहायक	SECOND FLOOR PLAN
वास्तुक	मुख्य अभियंता



THIRD FLOOR PLAN

टिप्पणीयाँ

1. सभी माप मिलीमीटर में हैं।
2. विशेष दिए गए मापों को छोड़कर सिर्फ लिखित मापों का पालन करें।
3. मापों में पाई गई भिन्नता कार्य शुरू करने से पहले वास्तुक को सूचित करें।
4. स्थानीय निकाय से अनुमोदन के बिना इस प्रोजेक्ट का निर्माण कार्य प्रारंभ न किया जाय। वास्तुक कार्यालय ऐसे किसी भी निर्माण कार्य के प्रति उत्तरदायी नहीं है।

IMPORTANT NOTE :-

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ADVANCED COPY

CONCEPTUAL DRAWING

IIFM, BHOPAL (M.P.)

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माप	नक्शा क्रमांक - CE / BPL / ARCH / 143 / 691-03 / 05
दिनांक : जनवरी 2023	100 ROOMS HOSTEL (G+4)
क्रमांक : 143	
वास्तुकिय सहायक	THIRD FLOOR PLAN



FOURTH FLOOR PLAN

टिप्पणीयाँ

1. सभी माप मिलीमीटर में हैं।
2. विशेष दिए गए मापों को छोड़कर सिर्फ लिखित मापों का पालन करें।
3. मापों में पाई गई भिन्नता कार्य शुरू करने से पहले वास्तुक को सूचित करें।
4. स्थानीय निकाय से अनुमोदन के बिना इस प्रोजेक्ट का निर्माण कार्य प्रारंभ न किया जाय। वास्तुक कार्यालय ऐसे किसी भी निर्माण कार्य के प्रति उत्तरदायी नहीं है।

IMPORTANT NOTE :-

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ADVANCED COPY

CONCEPTUAL DRAWING

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माप	नक्शा क्रमांक - CE / BPL / ARCH / 144 / 691-03 / 06
दिनांक : जनवरी 2023	100 ROOMS HOSTEL (G+4)
क्रमांक : 144	
वास्तुकिय सहायक	FOURTH FLOOR PLAN
वास्तुक	मुख्य अभियंता

ANNEXURE – 2

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

STATE :- M.P.
BRANCH:-
E.. No. :-

DIVISION :- BCD-I/CPWD/BHOPAL
SUB-DIVISION :- BCSD-II/CPWD/BHOPAL

Name of work :- Construction of 100 rooms hostel at IIFM campus, Nehru nagar, Bhopal.

Major Head	Minor Head	Detailed Head
------------	------------	---------------

This Rough cost estimate (Civil Work) has been framed by Er. Ajay Kumar Jain, Assistant Engineer-II, CPWD Bhopal and processed by Er. Sandeep Patidar, Executive Engineer-I, CPWD Bhopal For the probable cost of Rs. 24,06,66,600/- (Rupees Twenty four crore Six lakh Sixty six thousand six hundred only) including 3% contingencies.

REPORT

HISTORY :- This Rough cost estimate (Civil Work) amounting to Rs. 24,06,66,600/- including 3% contingencies has been prepared to work out the rough cost of above mentioned work as desired by client department vide their letter no. IIFM/M(M)/23/775 Dated 13-01-2023

DESIGN & SCOPE :- The Preliminary estimate is prepared on the basis of following drawings prepared by SA(BPL), CPWD, Bhopal submitted by O/o SA(CZ), CPWD, Bhopal :-

<u>1</u>	CE/BPL/ARCH/139/691-03/01	:-	Layout plan
<u>2</u>	CE/BPL/ARCH/140/691-03/02	:-	Ground floor plan
<u>3</u>	CE/BPL/ARCH/141/691-03/03	:-	First floor plan

This rough cost estimate have been prepared on basis of areas & salient features of the buildings mentioned by the Architect O/o Chief Engineer, CPWD, Bhopal vide letter no.

Civile work :-

1 RCC Framed structure with mentioned additional floor height & Raft foundation

2(C) **Services - Hostel with common dining area**

- (i) Internal water supply & Sanitary Installation
- (ii) External Service connections and local body approvals
 - a) Civil external service connection
 - b) Local Body Approvals i/c tree cutting
- (iii) Water tank(RCC)
OHT without independent staging - 50000 Litre
- (iv) Underground sump 100000 Litre
- (v) Development of site @ 6.00% of building cost
- (vi) Third party quality assurance
- (vii) Add for furniture L.S. @ 5.00 % of total cost

COST :- Rs. 24,06,66,600/- including 3% contingencies.
(The Cost projected in this estimate is liable to revision due to probable escalation in cost of construction apart from other reasons such as change in scope, area, design, specification, etc, if and so desired by the client department at a later date.)

RATE :- DPAR 2021 + Cost Index@ 3%

LAND :- Available with client.

METHOD :- By Contract after call of tender.

W.C. Estt. :- Shall be met out with contingencies.

T & P :- Shall be arranged by the contractor.

TIME :- 6 months for Planning & tender processing.
24 months for Execution.

SPECIFICATION :- The work should be carried out as per CPWD specification 2009 Vol -I & Vol. II with up to date correction slips.

Assistant Engineer-II
O/o Executive Engineer-I
Central P.W.D., Bhopal

GENERAL ABSTRACT OF COST				
Name of Work :-Construction of 100 rooms hostel at IIFM campus, Nehru nagar, Bhopal.				
S.No.	Description	Civil	Electrical	Total
1	Building Cost	199270058.00	0.00	199270058.00
	Total	199270058.00	0.00	199270058.00 (A)
Add M.F @ 6.33% For GST Variation from 12% to 18% on 'A'				12613795.00
Total				211883853.00
Add Cost Index @ 3% on 'A'				5978102.00
Total				217861955.00 (B)
Add for ESIC @ 1.125% (@4.50%on Labour Component i.e. 25% of total cost) on 'B'				2450947.00
Add for EPF @ 3.125% (@12.50%on Labour Component i.e. 25% of total cost) on 'B'				6808186.00
Add Anticipated increase in the total cost of work @ 3% during the period from the date of submission PE to the completion of pre-construction activities. On 'B'				6535859.00
Total Rs.				233656947.00 'D'
Add Contingencies @3% on 'D'				7009708.00
Grand Total Rs.				240666655.00
Say Rs.				240666600.00
Assistant Engineer-II				
O/o Executive Engineer-I				
Central P.W.D., Bhopal				



भारतीय वन प्रबंध संस्थान

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय, भारत सरकार का स्वायत्त संस्थान
नेहरू नगर, भोपाल-462003, मध्य प्रदेश, भारत

Indian Institute of Forest Management

An Autonomous Institute of the Ministry of
Environment, Forest & Climate Change, Govt. of India
Nehru Nagar, Bhopal - 462003, Madhya Pradesh, India

Dr. K. Ravichandran, IFS
Director

IIFM/SPS/Aca. 05/2023/19
30th January 2023

To
The Chief Executive Officer
National Authority CAMPA
Ministry of Environment, Forest & Climate Change
Hall No. 1, 4th Floor
Block No. 3, CGO Complex
Lodhi Road, New Delhi 110003

Sub: Submission of proposal for establishment of a 'Centre of Excellence for Urban Green Management' at IIFM, Bhopal

Sir,

Kind reference is invited to the discussion held on 10th January 2023 on the subject regarding establishment of a 'Centre of Excellence for Urban Green Management' at the Institute. The proposal is submitted herewith for kind consideration and necessary approval.

kind regards

Yours sincerely,

K. Ravichandran
(K. Ravichandran)

Encl: As above

Establishment of a Centre of Excellence for Urban Green Management at IIFM, Bhopal



Submitted by



**Indian Institute of Forest Management
Bhopal**

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Establishment of a Centre of Excellence for Urban Green Management

Introduction

Global urban populations are rapidly rising and will continue to rise in the coming decades mainly because of many reasons, including movement of people from rural to urban landscapes. This expected influx of people creates an urgency to understand how this shift may affect the expansion of urban land areas. Urban living limits access to nature and can increase exposure to certain environmental hazards, including air and water pollution. Many urban areas face increasing pressures from expanding populations, proportionately inadequate resources and growing impacts of climate change. Furthermore, urbanization threatens biodiversity and affects ecosystem productivity through loss of natural habitats, biomass, and carbon sink capacity. These challenges must be addressed in view of providing healthy and sustainable living environments to the people in the urban areas (WHO, 2017).

The extent and availability of urban green spaces are often considered among the most critical indicators of the quality of life of resident populations and environmental sustainability of urban landscape. The urban green spaces are generally defined as the publicly accessible urban and peri-urban spaces which are either partially or entirely covered by a large amount of vegetation. Urban forestry deals with managing trees and forest resources in and around community ecosystems for the psychological, sociological, aesthetic economic, and environmental benefits trees provide society. Landscape approaches to urban planning involve the use of spatial elements and land use practices, including urban forests and green spaces. Urban green management advocates holistic approaches integrating landscape ecology, urban forestry, sociology, economics, amongst other disciplines to improve the quality of life of citizens.

The green spaces in urban areas provide a number of key benefits, including natural ecosystem services that improve the quality of life of urban populations along with

environmental sustainability, and biodiversity conservation. Urban green spaces do offer direct benefits to urban residents in terms of promotion of health, as well. Maintaining green spaces and street trees in and around the urban areas may positively affect the social life and psychological satisfaction to the residents. Green spaces in urban areas promote outdoor activities and active lifestyles, increase social interaction and exchange, and provide healthy urban conditions for good physical and mental well-being. Given the functional benefits of urban green spaces to the urban residents, it is important to maintain these spaces and their benefits (Haq et al., 2021; Sen and Guchhait, 2021).

Urban green spaces not only promote healthy lifestyles and improve both the health and the well-being of the urban people but also enhance the quality of urban settings. Parks, playgrounds or vegetation in public and private places can help to ensure that people have adequate opportunities for exposure to nature, urban biodiversity is maintained and protected, environmental hazards such as air pollution are reduced, the impacts of extreme weather events (heatwaves, extreme rainfall or flooding) are mitigated, the quality of urban living is enhanced, and the health and well-being of residents is improved (WHO, 2017).

Urban planning, management, and use patterns are influenced by the needs of urban residents and visitors to green spaces. Hence, it is important to understand more deeply what kind of green spaces can be developed, who needs to or would use such spaces, and at what time such spaces would be used. This understanding will help to maximize the benefits of green spaces that are most valued by the urban residents. Urban green space intervention is an urban investment that may deliver the strongest benefits over a longer time period.

Objectives of the proposed Centre

1. The Centre shall act as repository for scientific and management information related to the urban green management.
2. The Centre shall engage in policy and research to provide meaningful solutions for urban green management.

3. The Centre shall create partnership with various stakeholders to develop strategies for urban green management.
4. The Centre shall engage in conducting outreach and promotion activities on urban green management.

Rationale

India is endowed with rich biodiversity having several species of animals and plants and hosts 4 of the 35 global bio-diversity hotspots containing several endemic species. However, increasing population, deforestation, urbanisation and industrialisation have put our natural resources under tremendous pressure causing loss of biodiversity. Biodiversity is vital for survival of all life form on this planet and is a key to providing various ecological services.

Biodiversity conservation has traditionally been considered confined to remote forest areas but with increasing urbanisation a need has arisen to safeguard and save biodiversity in urban landscapes also. Creating and managing urban green spaces is the best way to bridge this gap.

Indian Context

India as part of the Bonn Challenge at the Conference of the Parties (COP) 15 committed to restore 13 million hectares of its degraded forests by 2020, and an additional 8 million hectares by 2030. By 2050, biodiversity will be valued, conserved, restored and wisely used, maintaining ecosystem services, sustaining a healthy planet and delivering benefits essential for all people (PIB, 2021). The Government of India has launched many schemes for enhancing the forest cover in the country, including the green spaces in the urban land areas. Besides number of ecosystem services, creating and enhancing the proportion of green spaces in the cities contributes to improve the living conditions of the city dwellers (Maroušek et al., 2014).

The Nagar Van Yojna (NVY) was launched in 2020 which aims to develop 400 Nagar Van and 200 Nagar Vatika across the country during 2020-21 to 2024-25. The major objective of NVY is to enhance the tree outside forests and green cover in cities, which is expected to lead

to better environment, enhancement of biodiversity and ecological benefits to urban and peri urban areas, apart from improving the quality of life of city dwellers.

NVY enforces people's participation and collaboration between the Forest Department, Municipal bodies, NGOs, Corporates and local citizens. These urban green spaces are proposed to be established on the existing forest land in the City or any other vacant land offered by local urban local bodies as per the guidelines of the Ministry of Environment, Forests and Climate Change. The green spaces having aesthetic values may offer cooling and calming effects on the human minds.

Traditionally, the Vedic astrology describes nine grahas (planets), 12 rashis (zodiacs) and 27 nakshatras (stars/ constellations). It was believed that every person should plant and take care of the tree, animal or bird assigned to his/ her rashi/ nakshatra to offer pleasure to the ruling deity. Navagraha/ rashi/ nakshatra vatika are established traditionally near the sacred places with representative plants to worship and ensure good health. Many of these representative plants are rare medicinal tree species, which emphasize ex-situ conservation of genetic resources through generations. Conservation of these species in navagraha/ rashi/ nakshatra vatikas, as established in urban spaces, can refresh the minds of city dwellers by ensuring greenery and enriching biodiversity (Maneesha et al., 2021).

Growing useful plant species in the vicinity of homes has a long tradition in various cultural groups in India. Such portion of land is generally referred to as the home garden or kitchen garden, which offers multiple benefits. A home garden is a small scale socioecological and traditional land-use system, which involves the management of useful plant species within the area of individual home. There are various dimensions of home gardens ranging from conservation of genetic diversity to providing food and medicine (Kala, 2010). Establishing home gardens around the houses not only contribute to enhance urban green spaces and biodiversity but help to improve the health of the city dwellers.

There is a need to study the impacts of creating Nagar Van and Nagar Vatika across the cities in India along with various types of green spaces in the urban areas, including herbal gardens, home gardens, city parks, nakshatra vatika, navagrah vatika, etc. The proposed Centre of Excellence for Urban Green Management will help in achieving the above mentioned objectives by carrying out the following activities:

Activities to be undertaken

1. **Research Projects:** The Centre shall engage in developing research proposals and collaborate with suitable partners for enhancing the research output on urban green management.
2. **Information Database:** The Centre shall collate information from as many as states possible on the nature and type of urban green management.
3. **Capacity Building:** The Centre in collaboration with other relevant organizations at the national and international level shall engage in capacity building and skill development of various stakeholders in dealing with urban green management.
4. **Workshop/Conferences:** The Centre in collaboration with national and international agencies shall organize workshops/conferences at regular intervals for dissemination of information to all stakeholders on urban green management.
5. **Short Term Courses:** The Centre shall organise short term courses for various stakeholders including line departments of state governments, civic bodies, industries and others to develop professionals in areas of urban green management.
6. **Local Community Engagement:** The Centre shall develop frameworks for engagement of citizens in urban green management.
7. **Lecture Series:** The Centre shall invite eminent scientists, resource managers, policy makers to share their experience in dealing with urban green management.
8. **Documentation and Dissemination of Best Practices:** The Centre shall engage in documentation and dissemination of best practices on urban green management.
9. **Technical Report/Newsletter:** The Centre shall bring out a newsletter that shall highlight best practices and success stories on urban green management.

Budget Requirement

S. No.	Particulars	Description	Units	Year 1	Year 2	Year 3	Year 4	Year 5	Total
A	Manpower								
1	Junior Research Fellow	@ Rs.31000 + HRA (1st & 2nd year); Rs.35000 + HRA (3rd - 5th year)	2	8,64,000	8,64,000	9,84,000	9,84,000	9,84,000	46,80,002
2	Senior Project Associate	@ Rs.42000 + HRA (1 st & 2 nd year) Rs.49000 + HRA (3rd - 5th year)	1	5,88,000	5,88,000	6,84,000	6,84,000	6,84,000	32,28,001
3	Project Scientist-II	@ Rs.67000 + HRA (1st & 2nd year); Rs.78000 + HRA (3rd - 5th year)	1	9,36,000	9,36,000	10,80,000	10,80,000	10,80,000	51,12,000
4	Technical Assistant / Data Entry Operator / Office Assistant	@ Rs.30000 + HRA (1st & 2nd year); Rs.35000 + HRA (3rd - 5th year)	1	4,20,000	4,20,000	4,92,000	4,92,000	4,92,000	23,16,000
5	Field Assistants	@ Rs.20000 + HRA (1st & 2nd year); Rs.25000 + HRA (3rd - 5th year)	2	5,52,000	5,52,000	6,96,000	6,96,000	6,96,000	31,92,000
	Sub Total			33,60,000	33,60,000	39,36,000	39,36,000	39,36,000	1,85,28,000
B	Travel/TA & DA for PIs and Project Staff,								
1	Travel & TA/DA	IIFM HQ to Field sites by PIs and Project Personnel		8,00,000	10,00,000	10,00,000	12,00,000	12,00,000	52,00,000
	Sub Total			8,00,000	10,00,000	10,00,000	12,00,000	12,00,000	52,00,000
C	Equipment/Infrastructure/Vehicles/Set-up Materials								
1	Improvement of existing building infrastructure	Renovating the rooms, false ceiling, creation of partitions etc.		70,00,000	0	0	0	0	70,00,000
2	Furniture and fixtures in the Center	Air-conditioner, electrical fittings, lighting and furniture		25,00,000	0	0	0	0	25,00,000
3	Vehicle for field work	@ 18,00,000	1	18,00,000	0		0	0	18,00,000
	Sub Total			1,13,00,000	0	0	0	0	1,13,00,000

S. No.	Particulars	Description	Units	Year 1	Year 2	Year 3	Year 4	Year 5	Total
D	Data Processing and Networking								
1	Desktop computers	@ Rs.1,50,000 per unit	5	7,50,000	0	0	0	0	7,50,000
2	Laptop computers	@ Rs.1,00,000 per unit	1	1,00,000	0	0	0	0	1,00,000
3	Printer & Scanner	@ 50,000	2	1,00,000	0	0	0	0	1,00,000
4	Procurement of RS maps and softwares			5,00,000	0	0	0	0	5,00,000
	Sub Total			14,50,000	0	0	0	0	14,50,000
E	Preparation of Report								
1	'Preparation of Technical Report (Half yearly/ Annually) / Newsletters / Brochures			3,00,000	3,00,000	3,00,000	3,00,000	3,00,000	15,00,000
	Sub Total			3,00,000	3,00,000	3,00,000	3,00,000	3,00,000	15,00,000
F	Training, Capacity Building and Awareness								
1	Training, Capacity Building and Awareness			10,00,000	10,00,000	15,00,000	15,00,000	15,00,000	65,00,000
	Sub Total			10,00,000	10,00,000	15,00,000	15,00,000	15,00,000	65,00,000
	Total [A+B+C+D+E+F]			1,82,10,000	56,60,000	67,36,000	69,36,000	69,36,000	4,44,78,000
G	Contingencies for miscellaneous expenses @ 2%			3,64,200	1,13,200	1,34,720	1,38,720	1,38,720	8,89,560
	GRAND TOTAL			1,85,74,200	57,73,200	68,70,720	70,74,720	70,74,720	4,53,67,560

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भारत सरकार

Government of India
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Ministry of Environment, Forest and Climate Change
राष्ट्रीय व्याघ्र संरक्षण प्राधिकरण
National Tiger Conservation Authority

F. No. 5-6/2020-NTCA

New Delhi, the January 12th, 2023

To,

Chief Executive Officer,
National Authority (CAMPA)
MoEF&CC, IPB, New Delhi.

Sub: Project proposal for Establishing Metapopulation of Cheetahs in India (2022-23) providing funding support under campa- reg.

Ref: 1. This Authority letter F. No.5-6/2020-NTCA Dated 27th July, 2022.
2. National Authority (CAMPA) letter F.No: NA-13/18/2022-NA Dated 24th August, 2022.

Sir,

Reference is invited to the subject and letter cited above. In this context, I am to convey that NTCA had sought funding support for the project "Establishing Metapopulation of Cheetahs in India (2022-23)" during the current financial year. Accordingly, the National Authority (CAMPA) had sanctioned an amount of Rs 29.47 crores and released an amount of Rs 20 crore, which is 70% of total project cost, as first installment. The said first installment has been fully utilized and UC & PFR will be submitted in due course separately.

Based on the funding support provided to the project under CAMPA, a first of batch 8 cheetahs have been successfully translocated from Republic of Namibia to Kuno National Park and on 17th September 2022, the cheetahs were released into quarantine enclosure by the Hon'ble Prime Minister of India.

After the mandatory quarantine period, all the cheetahs have been released into the larger enclosure for further acclimatization. It is heartening to note that all cheetahs are in very good health condition and they have been hunting prey species successfully on regular basis. A dedicated team of forest officials, cheetah experts and veterinarians has been undertaking protection as well as monitoring of cheetahs 24x7 basis.

As per the 'Action Plan for Introduction Cheetah in India', annually 8-14 cheetahs needs to be imported from Namibia, South African and other African countries for establishing cheetah meta population in India. In this regard, negotiations with Republic of South Africa are ongoing and the talks are at an advanced stage. To take this ambitious project forward, there is an additional requirement of funds under the components: international transportation of cheetah, fencing of Gandhi Sagar / Nauradehi Wildlife Sanctuary for establishing meta population, implementation and monitoring, and consultancy for international/ national experts. The total additional fund requirement is Rs 57.30 crore.

The objectives of the proposed project are as follows:

1. To establish breeding cheetah populations in safe habitats across its historical range and manage them as a metapopulation.
2. To use the cheetah as a charismatic flagship and umbrella species to garner resources for restoring open forest and savanna systems that will benefit biodiversity and ecosystem services from these ecosystems.

3. To enhance India's capacity to sequester carbon through ecosystem restoration activities in cheetah conservation areas and thereby contribute towards the global climate change mitigation goals.
4. To use the ensuing opportunity for eco-development and eco-tourism to enhance local community livelihoods.
5. To manage any conflict by cheetah or other wildlife with local communities within cheetah conservation areas expediently through compensation, awareness, and management actions to win community support.

The objectives of the proposal fall within the provisions contained in section 5(b) (iii) of the CAF Act 2016.

Considering the importance of Cheetah an endangered species, which has been successfully introduced in Kuno National Park, it is imperative that meta populations are established in other potential habitats for achieving the project goal and objectives. It is requested that additional funding support for the said project may kindly be provided under CAMPA.

Encl: As above.

Yours sincerely,



(Dr. Amit Mallick)
Inspector General of Forests (NTCA)
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Copy to:

1. ADG (PT) & MS, NTCA, New Delhi
2. DIG, NTCA, New Delhi

AGENDA : Establishing Metapopulation of Cheetahs in India -2022-23

Background

NTCA had sought funding support for the project “ Establishing Metapopulation of Cheetahs in India (2022-23)” during the current financial year. Accordingly, the National Authority (CAMPA) had sanctioned an amount of Rs 29.47 crores and released an amount of Rs 20 crore, which is 70% of total project cost, as first installment. The said first installment has been fully utilized and UC & PFR will be submitted in due course separately.

Based on the funding support provided to the project under CAMPA, a first of batch 8 cheetahs have been successfully translocated from Republic of Namibia to Kuno National Park and on 17th September 2022, the cheetahs were released into quarantine enclosure by the Hon’ble Prime Minister of India. After the mandatory quarantine period, all the cheetahs have been released into the larger enclosure for further acclimatization. It is heartening to note that all cheetahs are in very good health condition and they have been hunting prey species successfully on regular basis. A dedicated team of forest officials, cheetah experts and veterinarians has been undertaking protection as well as monitoring of cheetahs 24x7 basis.

As per the ‘Action Plan for Introduction Cheetah in India’, annually 8-14 cheetahs needs to be imported from Namibia, South African and other African countries for establishing cheetah meta population in India. In this regard, negotiations with Republic of South Africa have been concluded recently and on 17th January 2023, an MoU has been signed between India and South Africa. To take this ambitious project forward, there is an additional requirement of funds under the components: international transportation of cheetah, fencing of Gandhi Sagar / Nauradehi Wildlife Sanctuary for establishing meta population, implementation and monitoring, and consultancy for international/ national experts. The total additional fund requirement is Rs 57.30 crore.

Project Objectives:

1. To establish breeding cheetah populations in safe habitats across its historical range and manage them as a metapopulation.
2. To use the cheetah as a charismatic flagship and umbrella species to garner resources for restoring open forest and savanna systems that will benefit biodiversity and ecosystem services from these ecosystems.
3. To enhance India's capacity to sequester carbon through ecosystem restoration activities in cheetah conservation areas and thereby contribute towards the global climate change mitigation goals.
4. To use the ensuing opportunity for eco-development and eco-tourism to enhance local community livelihoods.
5. To manage any conflict by cheetah or other wildlife with local communities within cheetah conservation areas expediently through compensation, awareness, and management actions to win community support.

Project Duration:

The activities proposed in this proposal seeking additional funding support are for a period of one year and after review of its progress and need, may be further extended as required.

Project Cost:

The additional cost of the project for one year is Rs 57.30 crore (approximately) and involves the following activities: 1) International transportation of cheetah from Namibia and South Africa to India by air, 2) Fencing part of Gandhi Sagar Wildlife Sanctuary/Nauradehi WLS for ecological restoration so as to make the site ready for cheetah release, 3) Implementation and monitoring which includes staff engagement which includes engagement of veterinarians, biologists, technicians and other work force, field logistics such procurement of radiocollars, veterinary equipment, miscellaneous capture equipment, operational costs of animal capture & monitoring, consultancy for national and international experts for Cheetah management. The detail break of additional project cost is given in table 1.

Project Outcomes:

Initiating the establishment of viable cheetah population(s) in India beginning at Kuno National Park along with recovery and management of grassland and open forest systems at the release site and commencing ecological restoration of Gandhi Sagar Wildlife Sanctuary. Conserving and enhancing the faunal diversity, especially the threatened and endangered species in grassland and open forest habitats by securing and consolidating these neglected ecosystems. Capacity building of State Forest Departments in wildlife and habitat management by imparting knowledge and training on latest techniques in monitoring, capture and translocation and technology enabled protection.

Project Justification:

Cheetah is the only large carnivore species that has gone extinct in the independent India and with the funding support provided by under CAMPA, a first batch of 8 cheetahs have been successfully introduced in Kuno National Park, Madhya Pradesh on 17th September 2022. Recently, the Government of India on 17th January 2023 has also signed an MoU with Government of Republic of South Africa for Cheetah introduction in India and it is expected during February 2023, next batch of 12 cheetahs will be translocated from South Africa to India. Considering the success achieved so far in the Project cheetah, it is imperative to keep other potential habitats ready for establishing the meta populations of cheetahs in India. In light of these latest developments, this proposal of NTCA seeking additional funding support under CAMPA may kindly be considered favorably by the competent authority.

Table 1: Proposed additional budget for establishing metapopulation of Cheetah in India

The total requirement of fund is Rs 5,730 lakhs and the component wise breakup is given in the following table.

Item	Unit	No.	Unit cost (INR Lakhs)	Total Cost (in INR Lakhs)	Remarks
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1. International transportation of cheetah	LS	~2-5 flights		1,500	Chartered cargo flights from Namibia and South Africa to India to translocate cheetahs. A dedicated flight is necessary as veterinarians need to have access to the crated cheetahs for regular health checks.
2. Fencing part of Gandhi Sagar Wildlife Sanctuary/Nauradahi WLS	LS			4,000	For ecological restoration of 150 km ² to make the site ready for cheetah release in near future. The height of the pulsating-electrified fence will be 2.5m. Fencing is most effective for recovery of the habitat as well as to secure and stabilize cheetahs initially till they establish territories and start to breed. Fencing can then be removed in parts to allow dispersal.
3. Implementation and monitoring					
3.1. Staff engagement	No.	~50		50	Veterinarians, Managers, Coordinators, Associates, Biologists, Assistants, Technicians, Drivers, Watchmen and other daily wage labour etc. totaling ~50 personnel
3.2. Field logistics					
Field vehicle purchase- ATV	No.	2	25.00	50	Animal capture and monitoring-specialized requirements of the project
Travel (including International) and other misc. costs	LS			65	
Unforeseen contingencies (including medical, insurance etc.)	LS			15	
Sub-total (Field logistics)				130	
3.3 Consultancy for International/ National experts	LS			50	
Grand total				5,730	

**Project proposal submitted by
National Tiger Conservation Authority for seeking additional
financial assistance
under CAMPA**

**Project title
Establishing Metapopulation of Cheetahs in India
2022-23**



**National Tiger Conservation Authority
Ministry of Environment, Forest and Climate Change**

International experts participated and endorsed the idea of conducting a scientific study on its feasibility. Subsequently, Wildlife Trust of India and the Wildlife Institute of India (WII) conducted assessments of 10 potential sites and evaluated the feasibility of reintroducing the cheetah in India based on the International Union for Conservation of Nature (IUCN) guidelines for reintroductions that consider species viability based on demography, genetics and socio-economics of conflict and livelihoods (Ranjitsinh & Jhala 2010).

Action plans in consultation with the respective States for the three best potential sites- Kuno National Park (NP) and Nauradehi Wildlife Sanctuary (WLS) in Madhya Pradesh and Shahgarh landscape in Rajasthan were developed (Jhala *et al.* 2011a, 2011b & 2012). However, the Hon'ble Supreme Court of India in its judgement on the Public Interest Litigation (PIL) filed for reintroduction of Asiatic lions into Kuno NP (formerly WLS) in Madhya Pradesh (MP) considered the reintroduction of the cheetah into Kuno WLS as "Illegal" (Judgement of the Supreme Court of India 2013). On consideration of an affidavit filed by the National Tiger Conservation Authority (NTCA), Ministry of Environment, Forest & Climate Change (MoEF&CC)- Government of India, the Hon'ble Supreme Court reconciled its judgement and permitted the introduction of cheetah from Africa into India on an experimental basis (Order of the Supreme Court of India 2020).

As per the directions of the Supreme Court of India in 2020, cheetah introduction in India is being overseen by the NTCA, MoEF&CC, guided and directed by the committee of experts designated by the Supreme Court of India comprising of Dr. M.K. Ranjitsinh, Dr. Dhananjai Mohan and Additional Director General (Wildlife), MOEF&CC. The WII was given the task of providing technical assistance and coordinating the project of introducing the cheetah headed by Dr. Y.V. Jhala, with team members- Prof. Qamar Qureshi, Dr. Sutirtha Dutta and Mr. Bipin C.M., by the NTCA and the expert committee on cheetah introduction. Further, additional five (05) sites- Mukundara Hills Tiger Reserve (TR), Shergarh WLS, Bhainsrorgarh WLS in Rajasthan and Gandhi Sagar WLS and Madhav NP in MP were also assessed based on the IUCN guidelines for reintroductions, by the WII on the request of the State Governments along with the reassessment of Kuno NP and Nauradehi WLS during 2020- 21 (Jhala *et al.* 2021a).

Kuno Palpur NP in the State of Madhya Pradesh was rated high on the priority list for considering the introduction of the cheetah because of its suitable habitat, adequate prey base and large potential contiguous landscape. According to the latest assessment by the WII, currently, Kuno NP (Area-748 km²) can hold 21 cheetahs and the potential cheetah habitat of ~5000 km² in the surrounding larger landscape with restorative inputs can accommodate up to 36 cheetahs (Hayward *et al.* 2007b, Jhala *et al.* 2021). The other potential sites for establishing cheetah populations are Nauradehi WLS- MP, Darrah predator enclosure in Mukundara Hills TR, Shahgarh Landscape- Rajasthan and Interstate cheetah conservation area comprising of Gandhi Sagar WLS-Reserve forests of Neemach, Mandsaur, Chittorgarh Divisions of MP and Rajasthan (Jhala *et al.* 2021)

Subsequently, an Action plan for introduction of cheetah in India in accordance with the latest IUCN guidelines (IUCN 2013) for reintroductions and conservation translocations to ensure

population viability of translocated cheetah in India in a metapopulation framework was jointly prepared by Wildlife Institute of India, National Tiger Conservation Authority and Madhya Pradesh State Forest Department and released by the Hon. Minister of Environment, Forest and Climate Change Shri. Bhupendra Yadav in January 2022. The action plan describes in detail the various planning and management aspects incorporating the social and biological considerations of pre translocation phase that have been undertaken as part of the preparations for bringing the cheetah back to India. Further, the required protocols, precautions and details of translocation phase which are being/ would soon be undertaken as well as the management and monitoring of post translocation and release phase are addressed adequately with roles and responsibilities identified and assigned (Jhala *et al.* 2021).

On the invitation of NTCA, in June 2022, cheetah experts and project collaborators Dr. Laurie Marker, Mr. Vincent van der Merwe, Dr. Adrian Tordiffe, Associate Professor, Dept. of Paraclinical Sciences, Faculty of Veterinary Science, University of Pretoria and Mr. Simon Naylor, Conservation Manager, Phinda Game Reserve, &Beyond, South Africa visited Kuno, Mukundara and Gandhi Sagar with WII team to provide additional inputs and management recommendations met officials of Madhya Pradesh State Government, Madhya Pradesh State Forest Department, NTCA, MoEFCC and Hon. Minister of Environment, Forest and Climate Change for discussing, planning and finalizing the plethora of activities required for translocating cheetah to India.

Over the last two years, multiple visits, meetings and discussions have been conducted with cheetah experts and officials of Namibia and South Africa for addressing/ completing the different modalities, formalities, logistics, permissions and paperwork related to translocation of cheetah to India. Twenty (20) wild and healthy cheetahs (12 in South Africa and 8 in Namibia) have been identified/captured/ quarantined by the project collaborators in their respective countries and are almost ready for translocation to India. A Memorandum of Understanding between Namibia and India on cheetah and biodiversity conservation was signed on July 20, 2022 by Hon'ble Deputy Prime Minister and Minister of International Relations & Cooperation Ms. Netumbo Nandi-Ndaitwah on behalf of Government of Namibia and the Hon'ble Minister of Environment, Forest and Climate Change Shri. Bhupendra Yadav on behalf of the Government of India. Further, the MoU between South Africa and India on cheetah and biodiversity conservation has been finalized and will be ratified soon. As decided by the Government of India, the first batch of ~15 to 20 cheetahs from South Africa and Namibia would be translocated to Kuno before the 75th year of the India's Independence day celebration on August 15, 2022.

As directed by the NTCA, the proposal prepared here is a subset of the larger project commenced in 2020 for establishing viable cheetah populations in a metapopulation framework according to the Action plan on introduction of cheetah in India based on IUCN guidelines (Jhala *et al.* 2021). As a first step as proposed here addresses the actual transfer of cheetah from South Africa and Namibia to India, their soft release and staging, release as free-ranging animals at Kuno National Park, and subsequent monitoring required for establishing breeding populations. Additionally, initiate ecological restoration of Gandhi Sagar Wildlife Sanctuary and Nauradehi Wildlife Sanctuary to prepare the area for establishing other cheetah populations. The activities proposed here are planned for a period of one year and after review of its progress and need, may

be further extended as required. For the long-term viability of the cheetah in India it is essential to establish 3-5 breeding populations in suitable habitats and then manage them as a metapopulation with supplementation from Southern Africa as may be required (Jhala et al. 2021).

2. Project Goal

Establish viable cheetah metapopulation in India that allows the cheetah to perform its functional role as a top predator and provides space for the expansion of the cheetah within its historical range thereby contributing to its global conservation efforts.

3. Project Objectives

1. To establish breeding cheetah populations in safe habitats across its historical range and manage them as a metapopulation.
2. To use the cheetah as a charismatic flagship and umbrella species to garner resources for restoring open forest and savanna systems that will benefit biodiversity and ecosystem services from these ecosystems.
3. To enhance India's capacity to sequester carbon through ecosystem restoration activities in cheetah conservation areas and thereby contribute towards the global climate change mitigation goals.
4. To use the ensuing opportunity for eco-development and eco-tourism to enhance local community livelihoods.
5. To manage any conflict by cheetah or other wildlife with local communities within cheetah conservation areas expediently through compensation, awareness, and management actions to win community support.

4. Aims of Cheetah Translocation in Kuno National Park and ecological restoration of Gandhi Sagar Wildlife Sanctuary for cheetah translocation

The primary aim is to establish a free-ranging population of cheetahs in and around the Kuno NP of Madhya Pradesh (MP). Further, this population in Kuno NP will be managed as a metapopulation with other two to five established populations of cheetah in India with occasional "immigrants" brought in from Africa, as and when needed.

Within this larger goal, the project will strive to achieve the following objectives:

- a. Provide adequate security and conserve local flora and fauna.
- b. Revive and maintain the grassland and open forest systems existing in the Protected Area (PA) and adjacent areas in an optimum productive state and thereby evolve management techniques and practices for better conservation of these habitats.
- c. Build the capacity of the state forest department in the field of habitat and prey management, in view of the emerging needs.

d. Use the expertise of South Africa and MP state forest department in mass translocation of herbivores, particularly blackbuck, nilgai and chital, in view of the emerging need for protection of crops and scientific management of wildlife populations while simultaneously augmenting prey base in Kuno NP and other cheetah introduction sites.

e. Conserve and enhance the faunal diversity, especially the threatened species, such as the gharial (*Gavialis gangeticus*) and the chousingha (*Tetracerus quadricornis*) and provide a future safe haven for even more endangered species such as the caracal (*Caracal caracal*), the wolf (*Canis lupus*), great Indian bustard (*Ardeotis nigriceps*) and the lesser florican (*Sypheotides indicus*) in the larger landscape.

f. Generate benefits for the local people through the development of wildlife tourism and ancillary activities.

g. Develop the capacities of the local communities to co-exist with wild animals, particularly large carnivores.

5. Project Activities

The following approaches and activities to be undertaken are proposed according to the action plan on introduction of cheetah in India based on the latest IUCN guidelines (Jhala et al. 2021), for initiating the process of establishing cheetah populations in a metapopulation framework in India.

-About 12-20 cheetahs that are ideal (reproductive age group that is genetically diverse, disease free, behaviorally sound- eg. not overly imprinted to humans but tolerant, predator wary, capable of hunting wild prey, and socially tolerant of each other) for establishing a new cheetah population in India would be imported from South Africa and Namibia, as a founder stock in early August 2022. Existing coalition of healthy wild males and females have been identified/ captured/ quarantined in the source countries. The animals' lineage and condition have been checked in the host country, to ensure that they are not from an excessively inbred stock and in the ideal age group, so as to conform to the needs of a founding population and would be translocated to India.

- The selected animals shall be collected from (different) quarantine facilities in Namibia and South Africa, as the case may be, and prepared for shipment to India, after necessary vaccinations and health checks etc, as per International protocols, and the animals shall be transported to the airlines decided by the Government of India. A veterinarian and representative(s) from the supplying agency and, project personnel from India shall accompany the shipment, along with necessary supplies and equipment.

- The cheetahs after reaching the port of entry in India will be directly transported to the quarantine enclosure in Kuno National Park either by air or by road as decided by the Government of India. The animals will be accompanied by the veterinarian(s) along with their equipment and cheetah experts as per requirement during the journey.

- The animals shall be quarantined as per the required duration as mandated by the Department of Animal Husbandry and Dairying, Government of India in the fenced (electrified) soft release enclosure constructed in Kuno NP (Area- 06 km² with compartments) so as to minimize their homing instinct and keep them, as far as possible, within the Protected Area. Males and females shall be kept in separate but adjoining compartments so that they are able to know each other before release. The location of the enclosure is such that the cheetahs after the quarantine period can see for some distance to understand the environment and the presence of prey, before release. The height of the fence is 2.5 metres angled both inside and outside, and multiple solar powered electric lines are fitted at various heights including the top to discourage any attempts by leopards to enter the enclosure. Adequate water and shade in the enclosure has been augmented as needed. Natural prey within the large enclosure would ensure that cheetah become accustomed to hunting Indian prey species before their release. Additionally, the animals would be fed/ supplemented with food thrice weekly during this period if required.

- All cheetah will be radio collared with GPS-VHF collars having GSM or Satellite link before importing. The males shall be released from the holding enclosure after an appropriate period (2-12 weeks). They are expected to establish a coalition territory after exploring and investigating the available habitat, but would tend to return to the enclosure to meet the females. The presence of females in the main enclosure shall ensure that the males do not wander too far away, after their exploration instinct is satiated. Their movements shall be monitored through satellite collars on an hourly basis and ground tracking by visual observations daily by the local State Forest Department staff, assisted by project team from WII. If any animal tends to get into undesirable environment, it will be brought back. Darting will be done if essential, by qualified trained personnel. The females shall be released with radio collars, 1-4 weeks after the males, depending upon the state of the males' comfort in the new environment. The females shall be monitored and kept under observation through radio telemetry, as in the case of males described above.

- Experienced cheetah expert(s) from the source agency/country would stay at the project site, from before the arrival of the cheetah up to about two months after the release of the females from the soft release enclosure, to advise and assist in coping with any unwarranted situations, to ensure well-being of the cheetahs in soft release enclosure, opine on their readiness and that of the habitat for the release and to help monitor the animals after their release. The experts will also train the local staff.

- The response of the prey species after cheetah release shall be monitored by project team of WII to understand the new ecosystem dynamics. However, prey availability in the release sites shall also be augmented through translocation of substantial number of appropriate prey (blackbuck, chital, nilgai, etc) if required. A fully equipped animal capture team(s) will be created under the project, for this purpose. Availability of prey base shall be assessed by the WII project team and supplementation of prey will be decided on the basis of this assessment.

Veterinary support created under the project will care for the release stock to manage the animals, in cases of straying, injury, conflict etc.

- All cheetah release sites shall implement MSTRIPES for patrolling and ensure appropriate staff for protection and law enforcement. Appropriate training will be imparted to the staff at the release site/ PA in these aspects by the WII project team and NTCA.

- Monitoring & Research:

The experimental establishment of the cheetah populations offers unique opportunity to understand the role of top predators in ecosystems. Research on all aspects of ecosystem recovery and interactions including ecology, physiology, genetics and behaviour of the released cheetah will be addressed by project team of WII. All introduced cheetah and their F1 progeny (and if required for research some subsequent generation offspring) will be radio-collared (Satellite /GPRS /GPS /VHF). The experiment will be fully utilised to study the cheetah as a species a) its ecology with respect to ranging, habitat use, predation (Williams *et al.* 2014), interactions with co-predators; b) its behaviour with respect to intra- and inter-specific interactions, sociality, reproduction and predation strategies with respect to different prey; c) its physiology with respect to field energetics with the use of isotopes (Pagano & Williams 2019) and physiological bio-monitors (Laske *et al.* 2017). Study of prey species with respect to their behaviour especially anti-predatory strategies and demography. Appropriate collaborations with international experts are/ will be established for addressing novel modern approaches. Monitoring through telemetry of cheetah, co-predator, prey and small carnivores will be done by both the WII team for research and the Forest Department team for protection. Data between the two teams will be shared for the mutual objective of better management of the cheetah population.

- Ecological restoration of part of Gandhi Sagar Wildlife Sanctuary by boundary fencing

Boundary of the cheetah release site covering an area of 150 km² within Gandhi Sagar WLS shall be secured through proper fencing, constructed through the official channels and protocols of the State Forest Departments of Madhya Pradesh and Rajasthan to initiate ecological restoration by first controlling and reducing the intensive livestock grazing along with other anthropogenic pressures in this area. This Sanctuary is part of the proposed Interstate cheetah conservation landscape spanning an area of 4000 km² comprising of Gandhi Sagar WLS-Reserve forests of Neemach, Mandasaur, Divisions in MP Chittorgarh Division in Rajasthan (Jhala *et al.* 2021) Suitable fence of 2.5m height will be erected on the boundary based on the design provide by the WII in consultation with cheetah experts. The length of the boundary fence would be determined by experts of the State Forest Department and cheetah biologists. The monitoring and research on status and recovery of habitat and wildlife would be initiated by the cheetah research team of NTCA in collaboration with the State Forest Department.

6. Project Duration

This is proposed to be an ongoing activity after release of cheetahs, without an ‘end-of-project’ situation in sight in the foreseeable future. However, proposed activities of the project are devised, for the sake of convenience alone, for a period of one year (Table 1) which, after review, will be extended as per requirement.

Table 1. Revised timeline of the project- Bringing the cheetah back to India

Activity	2022					2023				
	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May-Jul
Import of cheetahs to India										
Training /workshop to support to local staff by experts										
Release of cheetah males in Kuno National Park										
Release of cheetah females in Kuno NP										
Monitoring & research										
Monitoring co-predators and prey in Kuno NP										
Boundary fencing of part of Gandhi Sagar Wildlife Sanctuary/Nauradehi WLS										

7. Project Outcomes

Initiating the establishment of viable cheetah population(s) in India, beginning at Kuno National Park along with recovery and management of grassland and open forest systems at the release site and commencing ecological restoration of Gandhi Sagar Wildlife Sanctuary. Conserving and enhancing the faunal diversity, especially the threatened and endangered species in grassland and open forest habitats by securing and consolidating these neglected ecosystems. Capacity building of State Forest Departments in wildlife and habitat management by imparting knowledge and

training on latest techniques in monitoring, capture and translocation and technology enabled protection.

Revival of cheetah as apex carnivores should be seen as ecosystems conservation rather than merely as species conservation. Bringing the cheetah back to India would be reclaiming a part of India's wonderful and varied natural heritage.

8. Project Costs

A budget has been prepared for the project in consultation with International experts. Approximate cost of the project for one year is estimated to be ~ INR 57.30 crores (Rupees Fifty Seven Crores Thirty lakhs) and is detailed as Table 3.

Table 3. Additional budget of the project- Bringing the cheetah back to India

Item	Unit	No.	Unit cost (INR Lakhs)	Total Cost (in INR Lakhs)	Remarks
1. International transportation of cheetah	LS	~2-5 flights		1,500	Chartered cargo flights from Namibia and South Africa to India to translocate cheetahs. A dedicated flight is necessary as veterinarians need to have access to the crated cheetahs for regular health checks.
2. Fencing part of Gandhi Sagar Wildlife Sanctuary/Nauradehi WLS	LS			4,000	For ecological restoration of 150 km ² to make the site ready for cheetah release in near future. The height of the pulsating-electrified fence will be 2.5m. Fencing is most effective for recovery of the habitat as well as to secure and stabilize cheetahs initially till they establish territories and start to breed. Fencing can then be removed in parts to allow dispersal.
3. Implementation and monitoring					
3.1. Staff engagement	No.			50	Veterinarians, Managers, Coordinators, Associates, Biologists, Assistants, Technicians, Drivers, Watchmen and other daily wage labour etc. totaling ~50 personnel
3.2. Field logistics					
Field vehicle	No.	2	25.00	50.00	Animal capture and monitoring-

purchase- ATV					specialized requirements of the project
Travel (including International) and other misc. costs	LS			65.00	
Unforeseen contingencies (including medical, insurance etc.)	LS			15.00	
Sub-total (Field logistics)				130.00	
3.4. Consultancy for International/ National experts	LS			50.00	
Grand total				5,730.00	

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Government of Punjab
Department of Forest & Wildlife Preservation
O/o Principal Chief Conservator of Forests
Forest Complex, Sector-68, Sahibzada Ajit Singh Nagar

To

The Chief Executive Officer,
National Authority (CAMPA),
Ministry of Environment, Forests & Climate Change,
Government of India, Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi – 110 003.

No. State Authority /2022-23/ 851 Dated: 04/01/2023

Subject: Regarding Site specific activities approved in Annexure 1G of Annual Plan of Operations of 2022-23 for Punjab Compensatory Afforestation Fund Management & Planning Authority of National CAMPA.

Ref:- Letter No. F.No. NA-15/33/2020-NA dated 21.09.2022 and F.No. NA-15/33/2020-NA dated 09.12.2022 of National CAMPA.

This is in respect to the above mentioned subject, APO of Punjab has been approved for 2022-23. It provides Rs. 3.46 Crore in Annexure 1G under component“ Patrolling, Protection and Monitoring related equipment”. Out of this Purchase of Patrolling vehicles/transport vehicles for Rs. 2.01 Crore is included has been approved. However, in the covering letter (mentioned in reference) it is mentioned that approval is subject to condition at Sr. No. 22 that the purchase of vehicles is not permitted. Vehicles are to be hired as per approved APO.

In this regard, it is humbly submitted that these vehicles were included in CA Schemes which has been approved by Regional Office since long time. These are under the mandatory Compensatory Afforestation and other allied activities in the APO 2022-23 and pending since long. Copies of the approvals of Govt. of India under Compensatory Afforestation Scheme for these vehicles have already been submitted vide this office letter No. 15137 dated 10.10.2022

(copy enclosed). These vehicles are to be purchased as approved site specific scheme of field offices and are utmost necessary for patrolling of afforestation sites and carrying out other activities ancillary to afforestation. It is also mentioned that the CEO State Authority, Punjab (CAMPA) has been instructed by Northern Regional Office, MoEF&CC, Govt. of India, Chandigarh to provide a mandatory certificate for approval of proposals under FCA cases that all the money received from user agency as a part of compensatory levies are included in the APO. It is submitted that vehicles for patrolling, Protection etc. are required for patrolling of frontline staff and carrying out protection and maintenance work. At present vehicles available with them are in very poor condition as it is not fit for use. Also it is not feasible for frontline Staff to tour into the forest area of hills, drains and birs (block forests) on hired vehicles. Thus it is becoming essential to provide vehicle to them so that works are not hampered.

In view of above, it is requested that the purchase of these vehicles as provided in the approved APO 2022-23 may be allowed so that the patrolling, protection and monitoring work does not suffer and the requirement at field level can be met.

Encl. As Above



Principal Chief Conservator of Forests (HoFF),
Punjab, S.A.S Nagar



**THE RAJASTHAN COMPENSATORY AFFORESTATION FUND
MANAGEMENT AND PLANNING AUTHORITY, JAIPUR**

S. No. F.14()CAMPA/APCCF/2022-23/ 8978

Date : 24/01/2023

To,

The Chief Executive Officer,
National Authority (CAMPA),
MoEF & CC, Government of India,
Block No. 3, CGO Complex,
Lodhi Road, New Delhi-110003

Sub:-Request to provide budget for procurement of four wheeler vehicles in the APO year 2023-24 to Rajasthan CAMPA for better protection and management of forests and wildlife.

Respected Sir,

With respect to the subject cited above, we would like to request you that Rajasthan is the largest State of the Country in geographical terms having 9.56% of forest area, out of total geographical area. Forests of Rajasthan are also very rich in wildlife. There are 55 Divisions and 347 Range Offices including territorial & wildlife working with a mandate to conserve, protect and manage rich forests of Rajasthan.

Rajasthan Forest Department is struggling to protect forests & wildlife with inadequate infrastructural support. Only 111 four wheeler vehicles are available among 55 Divisions and 347 Ranges. In order to curb illegal mining in Districts like Alwar, Dholpur, Karauli, Bharatpur, Bundi, Kota etc, we have been making provision of hiring of vehicles every year in the APO but the vendors/vehicle providers do not provide us vehicles on 'Kaccha Forest Roads/Area'. Further, the vehicles are not available when the need arises immediately.

Illegal mining and encroachment causes innumerable damage to the forests and wildlife. These illegal activities need to be controlled and curbed. Therefore, patrolling and effective watch & ward system shall be strengthened so as to protect & minimize such problems. Effective conservation & protection of forests and wildlife can't be possible without adequate infrastructural support. Although as per Rule 5(4)(d), "purchase of vehicles or staff cars for officers" is non-permissible activity but our demands are justified as per the Rule 5(2)(d) "protection of plantation and forests" to procure the vehicles for field level officers. We are also raising our demand for the same item since last three to four years continuously but still we haven't received approval/sanction from your side. It has been reiterated in the meeting of Executive Committee of National CAMPA that the matter is being examined at National level and a decision will be taken.

Therefore, it is again requested that the matter be taken up with the concerned decision maker in the National Authority keeping in view the need of Rajasthan CAMPA to strengthen infrastructure of Rajasthan Forest Department.

Yours Sincerely,

Shikha
(Shikha Mehra)

Chief Executive Officer and
Addl. Principal Chief Conservator of Forests,
Rajasthan CAMPA, Jaipur.



GOVERNMENT OF GOA
Office of the Principal Chief Conservator of Forests
“Goa Van Bhawan” Forest Department,
Altinho, Panaji, Goa
Email: dcfme-forest.goa@nic.in

No. 6-804-2022-23/CAMPA/FD/Vol. VI/

Dated: 8/08/2022.

Saravana 17, Saka 1943.

To,

The Chief Executive Officer,
 National Authority, CAMPA,
 Ministry of Environment Forest & Climate Change,
 Hall No. 1, 4th Floor, Block No. 3, CGO Complex,
 Lodhi Road, New Delhi, 110003.

Sub: - Additional CA plantation in Goa in lieu of proposed CA in Madhya Pradesh-reg

Ref: 1.This office letter No. 6-804-2022-23/CAMPA/FD/Vol.VI/156 dated 12.04.2022.
 2.The National Authority (CAMPA) letter No. No. NA-5/1/2020-NA dated 08.06.2022.

Sir,

It is brought to your kind information that Goa Forest Department has submitted Goa State CAMPA proposal for the year 2022-23 to an amount of Rs. 38.29 Crores on 12.04.2022 and the approval was communicated by the National CAMPA vide letter No. NA-5/1/2020-NA dated 08.06.2022 for an amount of Rs. 36.53 Crores.

The approval for 2022-23 included 300 CA plantation in Madhya Pradesh as “Raising of CA plantation in Other State to clear Backlog” (Sl. No: 1.2). However, the efforts for identification of suitable land (degraded forests) in Goa is underway . In this series the report of IFSR, 2019 and IFSR , 2021 were referred and with the help of GIS cell in department , open forest areas were identified and after field verification , degraded forest land of 220 Ha is considered suitable for Compensatory Afforestation.

Accordingly, it is proposed that Compensatory Afforestation in 220 Ha may be carried out in this year (2022-23) in addition to 200 Ha already approved by Executive Committee of National CAMPA. The details of proposed Compensatory Afforestation Plantation and Raising of seedlings is enclosed as Annexure-I. Details of KML files are also enclosed herewith as Annexure -II for kind perusal.

Vide aforesaid O.M approval of Annual Plan of Operation (APO) 2022-23 conveyed with a financial outlay of Rs 36.53 crores and deferred Rs 1.76 crores out of total proposed outlay of Rs 38.29 crores . The deferred components under Rule 6 (a) & (b) pertains to

- (i) Payment to advocates in matters related to State Authority (0.02 crores),
- (ii) Hiring / Procurement of water tankers (0.48 crores),
- (iii) Purchase of Multi Utility Vehicle / Bolero Camper (Model 407) (1.20 crores).

Detailed justification regarding procurement of Vehicles (water tanker and multi utility vehicles) is at Annexure III

Hence, it is kindly requested to consider and approve an amount of Rs. **4.475** Crores for 220 Ha CA plantation in lieu of the proposed plantation of 300 Ha in Madhya Pradesh and an amount of Rs **1.76** Crores under component under Rule 6 (a) & (b) for Hiring / procurement of water Tankers and purchase of Multi utility vehicles.

Yours faithfully,

CEO & APCCF,
Goa State CAMPA.

“Swachh Bharat, Swachh Goa”
“Clean India,Clean Goa”

ANNEXURE - I

(Amount in Crores)

Sl. No.	Activity	CAF Rules	Unit	Proposed Outlay		Remarks
				Physical Target	Financial Target	
1	Raising of New CA Plantation with protective fencing with Chain link	Mandatory Activity	Ha	220	2.75	Against the Sl. No: 1.2 of the approval granted to Goa Forest Department by National CAMPA on 06/04/2022.
			R Km	15	1.125	
2.	Raising of Seedlings for CA Plantation		Nos. in Lakhs	3.00	0.60	
Sub- Total					4.475	

Annexure 'III'

Justification of Functional Vehicles for Forests Frontline Staff

Following are the justifications in support of proposal of Goa State authority (CAMPA) for procurement of functional vehicles, instead of deploying hired vehicles, for forest frontline staff:

1. **Functional vehicles are for frontline staff:** All the functional vehicles proposed are for the use of forest frontline staff, other vehicles for use of staff and officers are procured from State Plan fund.
2. **Functional vehicles enhance mobility of Frontline Staff:** Greater mobility is indispensable for effective and efficient implementation of various measures required for scientific management of forest and wildlife including protection of remote, undulating and vulnerable forest areas and responses to human-animal conflict situations. Forestry works are mostly carried out deep in forests like - Soil & Moisture Conservation works, Construction of Protection Camps, Check Gates, Nursery related works, Plantation works for biodiversity enrichment and to compensate the loss due to diversion of forest land, Creation and maintenance of fire line, Waterhole to ensure availability of water to wildlife throughout the year, Patrolling in forests area, creation and maintenance of forests roads, inspection paths, natural trails etc. It is duty of forest frontline staff to carry out supervision and monitoring of each work being carried out within its respective jurisdiction apart from protection related works. In case of Goa average jurisdiction area of forests frontline staff is

SN	Unit	In charge Forest Frontline Staff	Jurisdiction Range (In Sq. Kms)
1	Range	Range Forest Officer [RFO]	200.00
2	Round	Dy RFO / Round Forester	30-45
3	Beat	Forests Guard	10-15

To visit and supervise various works in their jurisdiction basic requirement is appropriate mode of transport for mobility in a particular forested landscape. Over a period of time it is observed that due to poor connectivity and lack of functional vehicles movement of forest front line is a challenge due to which supervision and monitoring of works by forest front line is affected to some extent. Motorcycles, 4 Wheel Drive vehicles, specially designed functional vehicles for rescue, firefighting, water tanker etc. fitted with communication network system significantly improves the efficiency of staff by enhancing mobility especially w.r.t. coverage of forests area and reduction in response time.

3. **Hired Vehicle not fit for forested landscapes:** Forests and wildlife management related works are carried out in remote areas. Terrain is difficult, undulating, vulnerable. Further, communication is a big challenge in forest area, as there is no mobile network to establish communication in case of any operational or emergency requirement. Departmental vehicles fitted with wireless communication network equipment's (VHF) ensures continuous connection with headquarter. Use of hired vehicles for such areas is neither suitable nor operational feasible. Therefore, such vehicles are not fit for driving in forest landscapes.
4. **Hiring Cost is about three times higher in comparison to new vehicles:** Hiring of vehicles is not cost effective as the annual charges of the hired vehicle is about Rs 0.75 Lakhs/ month and about Rs 9.0 Lakhs/ Year. Whereas, the cost of new vehicle is about Rs 10.0 Lakh. Monthly POL charge is about Rs 0.15 Lakh. Taking in consideration these cost for 10 years in case of hired vehicle cost would be Rs 90.0 Lakh for one vehicle and in case of new vehicle it would be approximately Rs 28.0 Lakhs. Therefore, hiring of vehicle is about 3.0 time higher in comparison to new vehicle.
5. **No Driver Cost:** For the new functional vehicle approved by National Authority under CAMPA no funds would be required, under CAMPA, for the post of driver. Drivers for new vehicles under CAMPA, will be adjusted from available human resources with the Forests Department.

6. **Confidentiality of movement:** Hired vehicle should be avoided for use by forest frontline staff when on duty for patrolling, carrying out any special search / combing operation in forests area as the desired confidentiality while patrolling / combing operations could not be maintained.
7. **Functional / Operation Vehicles:** The vehicles proposed for procurement are special purpose vehicles required for functional / operational works in forest areas. Some of the examples [Annexure A1] regarding such vehicles area as under:
 - a. **Camper Multi-Purpose Vans Customization:** This type of vehicle is used for movement of forests front line staff together with equipment's and other materials required for various forestry and wildlife management related works in forest areas. Vehicles are generally customized by adding certain special features like Carrier on Top along with stand & side Ladder, inside storage arrangement, provision for Genset. Additional rear seats & rear storage boxes and other works which further supplements for smooth supervision, monitoring and execution for forestry works
 - b. **Water tankers:** With specially designed 4WD vehicles mounted with water tanker front life staff can fill waterholes spread at various locations deep in forests area to ensure availability of water to wildlife throughout the year including summer season. These vehicles can also be used to tackle basic forests fire as they can reach deep in the forest area. Last year under Project Tiger Scheme of State Government Forests Department of Goa has bought three Mahindra Bolero vehicles which have been suitably modified. Photographs of vehicles is enclosed for ready reference. In Goa about 20% of the geographical area of state is under Protected Area network. To cover the large area more such water tankers would be required for better wildlife management in PA's in particular and other forests area in general.
 - c. **Rescue Vehicles:** These are special purpose vehicles specially designed for rescue of wildlife. A good rescue vehicle is a prerequisite for effective and successful rescue operation. Such specially designed vehicles have on board all the equipment's, accessories and consumables on board as per guidelines of Central Zoo Authority. Further, transportation of

rescued animal in cages mounted on the rescue vehicle ensures safety of the animal.

- d. **Operational vehicles:** Four Wheel Drive vehicles of appropriate model will be used for patrolling in remote, undulating and difficult terrain in forests area. Appropriate model which have less cracking will be preferred to reduce noise. These will be used for special combing/ patrolling in Protected and forests areas to combat forests and wildlife related offences at source and in transit.





