State CAMPA
Annual Plan of operations 2009-10
Proforma for submission of proposals

Office of The Principal Chief Conservator of Forests, Chhattisgarh

Table - 2 APO 2009-10 abstract

परिशिष्ठ – 1 का तालिका क्रमांक – 1 में दिये प्रारूप में ही जानकारी तैयार कर प्रस्तुत करना है। कृपया उक्त प्रारूप में अपनी शाखा से संबंधित आवश्यक संशोधन कर प्रेषित करें।

STATE CAMPA CHHATTISGARH

Table - 1 Annual Plan of Operations 2009-10 Abstract (Proposed)

								Abstract		
	Status of project area		Proposed treatment						Deposits	
S.No.	Main Component	Sub component	Treatment model	Species	No. of plants	Area (ha)	Unit Cost (Rs. per ha)	Total amount (Rs. lacs)	Amount deposited by user agency (Rs. lacs)	Additional amount needed due to revision of project (Rs. lacs)
1	2	3	4	5	6	7	8	9	10	11
								(8)* (9)		
1	Compensatory afforestration									
		Plantation on Forest land								
			Irrigated							
			Non-irrigated							
		Sub total								
		Plantation on Non-Forest land								
			Irrigated							
			Non-irrigated							
		Sub total								
		Total								

Note 1: Additional amount needed due to revision of project (Rs. lacs) = Revised Sanctioned amount - Old sanctioned amount

STATE CAMPA CHHATTISGARH

Table - 1 Annual Plan of Operations 2009-10 Abstract (Proposed)

			Productivity enhancement in natural forests							Abstract	
			Status of treatment			Proposed treatment					
S. No.	Main Component	Sub component	Growing stock volume (cu.m/ha)	Regeneration status		Treatment Model	Species to be planted	No. of Plants	Area (ha)	Unit Cost (Rs. lacs per ha)	Total amount (Rs. lacs)
				established	unestablished						
1	2	3	4	5	6	7	8	9	10	11	12
											(10)* (11)
	Productivity enhancement in natural forests										
		Old plantation management									
		Rehabilitation works									
		High tech plantations				**Irrigated**	**Teak**		100	1.17	117.00
						Non-irrigated	**Teak**		350	0.494	172.90
							Bamboo		3000	0.26	780.00
							Aonla		500	0.31	155.00
							Species specific		1000	0.475	475.00
							Total Non-irrigated		**4850**		**1582.90**
		Assisted natural regeneration works									**400.00**
		Sub total									**2099.90**
2.1.2	**Micro watershed management**										
		On Forest land									
		On Non Forest land									
		Livelihood activities									
						Sub total					**400.00**
		Grand total									**2499.90**

STATE CAMPA CHHATTISGARH

Table - 1 Annual Plan of Operations 2009-10 (Proposed)

S.No	Main Component	Sub Component	Details	Unit	Quantity	Rate in Rs. lacs	Amount in Rs. lacs
2.2	**Forest protection**						
		Patrolling					
			Forest Strike Force (division level) purchase one new Four Wheeler @ Rs. 5.00 lacs each),provided 6 Protection Watchers @ 4000 per month per person in each division	No.	20	5.750	115.00
			Forest Strike Force - range level Purchase of one Four Wheeler	No.	60	5.000	300.00
			Over heads POL, drivers' wages, maintenance for 3 months Jan-March	No.	80	0.200	16.00
			Patrolling at beat and circle levels Provision for Motor cycle allowance to forest guards/foresters & range assistants for maintainance and POL @ Rs. 800 p.m. to beat guard and Rs. 1200 p.m. to range assistants	No.	5000	0.030	150.00
		Fire management	**Patrolling parties** for 4 month fire season team comprise 5 labour in each range	No.	280	0.200	56.00
			Provison for incentive based protection money to JFMC's	No.	1000	0.200	200.00
			Watch towers 10 towers with room per division	No.	32	4.000	128.00
		Bureau of forest crime and control rooms	Each control room will be provided 1 vehicle, computers & accessories	No.	2	15.000	30.00

S.No	Main Component	Sub Component	Details	Unit	Quantity	Rate in Rs. lacs	Amount in Rs. lacs
			provisions for development of intelligence network and incentives to informer against as forest offences and seizure of Vehicles	LS			70.00
		Protection of forest areas near urban areas	with masonry wall	LS			100.00
		E-POR system	Data transfer and purchase of equipment	No.	200	0.330	66.00
		Strengthening of Communication	Provision for monthly bills of mobiles to front line staff	No.	5000	0.005	25.00
		Training	Training of staff on use of fire arms	No.	400	0.050	20.00
			Total				**1276.00**
2.3	**IT in forestry**	**IT infrastructure**					
			upgradation of FDHQ with Computers and other	No.	10	1.000	10.00
			upgradation of FMIS division with Procurement of software GIS/RS construction of lab for computer training Renovation, re electrification	LS			70.00
			Geomatic centres at 7 circles	No.	7	40.000	280.00
			Computers, accessories & GPS in all circles, and staff for data entry	No.	534	1.500	801.00
		Data updation	Procurement of digital data	No.	50	0.250	12.50
			Geospatial data base development (orange areas digitilisation)	No.	200	0.400	60.00
			Data processing & digitalization	LS			15.00
			Forest mapping & map production				
			- Vegetation Cover Change Monitoring	No.	15	1.000	15.00
			- Fire Risk Zone Mapping	LS	32		10.00
			- Printing of Maps	No.	4000	0.005	20.00

S.No	Main Component	Sub Component	Details	Unit	Quantity	Rate in Rs. lacs	Amount in Rs. lacs
		Application Development					
			Application Development for DSS	LS			5.00
			Online monitoring Systerm	LS			5.00
		Computer Networking & communication	LAN Upgradation in FDHQ & FMIS division	No.	2	7.500	15.00
			LAN in circle / division offices	No.	48	1.000	48.00
			Web-Servers & connectivity and accessories in FMIS division	LS			30.00
			Broad-band connectivity in circle/ division/ subdivision/ranges/ depot/ interstate check posts	No.	500	0.165	82.50
		Training & Capacity Building					
			Training and refresher training	No.	1300		
			including training material				21.00
		Total					**1500.00**
2.4	**Research & training**	**Research Infrastructure Development**	**Infrastructure development of SFRTI** for research and training	LS			375.00
			Central tissue culture lab Establishment in SFRTI	LS			20.00
			seed testing & Certification centre Establishment in SFRTI	LS			20.00
			Forest soil testing lab Establishment in SFRTI	LS			20.00
			Central Forest library Establishment in SFRTI	LS			20.00
		Forest Research activities	**Research plots** Establishment and maintainance	ha	1000	0.100	100.00
			Biodiversity survey and other research activities.	LS			70.00

S.No	Main Component	Sub Component	Details	Unit	Quantity	Rate in Rs. lacs	Amount in Rs. lacs
			Appointment of Research fellows on contract To assist in Research projects	No.	10	0.500	5.00
		Lead and Botanical Gardens	Establishment under the guidence of SFRTI	No.	3	50.000	150.00
		High tech nurseries	Establishment	No.	6	50.000	300.00
		Promote agro/farm forestry in JFMC's areas	Production of 10 lac plants	No. in thousand	1000	0.070	70.00
		Capacity building	Organise Workshops, trainings				70.00
			Field Visits to areas of – National importance in forestry.	LS			20.00
			Field Visits to areas of – international importance in forestry.				50.00
			publicity and publications				10.00
		Total					**1300.00**
2.5	**Development of Medicinal plants**						
		Inter cultivation of MAP's in high tech plantations, Demo plots.					
		Production of QPM.					
		Awareness and promotional activities					
		Massive under planting of MAP's	In recently felled timber coupes				
		Total					**300.00**
2.6	**Infrastructure development**	**Buildings**	**Office buildings**				
			SDO/Ranger	No.	32	10.000	320.00

S.No	Main Component	Sub Component	Details	Unit	Quantity	Rate in Rs. lacs	Amount in Rs. lacs
			Residential buildings				
			DFO residence	No.	10	18.000	180.00
			SDO/Ranger	No.	10	7.500	75.00
			Forester/Dy. Ranger	No.	80	3.250	260.00
			Forest Guards	No.	200	2.250	450.00
			Other buildings				0.00
			HOSTELS	No.	3	50.000	150.00
			Staff amenities-drinking water & electricity etc.	LS			95.00
		Vehicles					
			Trucks	No.	16	12.000	192.00
			For supervisory officers	No.	25	5.000	125.00
			For supervisory officers	No.	2	10.000	20.00
			For SDO's	No.	20	5.000	100.00
			Maintainance & POL etc FOR FOUR	No.	47	0.100	4.70
			Maintainance & POL etc FOR TRUCKS	No.	16	0.150	2.40
			Total				**1974.10**
2.7	**Wild life**						
		WL Infrastructure development					**500.00**
		Improvement of habitat					**225.00**
		Upgrading WL Protection Mechanism					**200.00**
		Equipment for Wildlife Management					**150.00**
		Eco-Tourism					**60.00**
		Capacity building					**70.00**
		parks					**100.00**
		squad					**80.00**

S.No	Main Component	Sub Component	Details	Unit	Quantity	Rate in Rs. lacs	Amount in Rs. lacs
		Eco-development in villages inside and around the PAs					**50.00**
		Study of Biodiversity in PA					**50.00**
		Implementation of Chhattisgarh Biodiversity State Action plan					**100.00**
		Reducing man-animal conflict					**115.00**
		Sub Total					**1700.00**
3	**Establishment of CAMPA**		with interest generated over deposits in State CAMPA.	LS			21.00
4	**Monitoring & evaluation**		2% of Spent amount in an year				246.44
	Grand total						**12317.44**

(Dr. A.A. Boaz)
Member Secretary
Steering Committee State CAMPA
Chhattisgarh, Raipur

STATE CAMPA CHHATTISGARH

Annual Plan of Operations 2009-10

	Table - 3		CAMPA Treatment series information							Abstract								
				Working plan data for treatment area								FSI data for treatment area				Coupe felling information		
Circle	Year of treatment	No. of Clusters	No. of coupes	Forest cover as per working plan in ha.								Density wise forest cover in ha. as per FSI				Total area of coupe in ha		
				very dense	dense	medium dense	open	Scrub/blank	Plantations	Others	Total	very dense	dense	open	total	Workable	Non Workable	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19

STATE CAMPA CHHATTISGARH

Annual Plan of Operations 2009-10

	Table 4			CAMPA treatment series information - sitewise										
							Working plan data							
Circle	Division	Range	Working circle	Felling/treatment series	Compartment no./ Beat name	Coupe no. (part/full)	Forest cover as per working plan in ha.							
							very dense	dense	medium dense	open	Scrub/blank	Plantations	Others	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

STATE CAMPA CHHATTISGARH

Annual Plan of Operations 2009-10

									Detailed			
FSI data				Coupe felling information								
Density wise forest cover in ha. as per FSI				Total area of coupe in ha			Year of felling	Production from coupe in cu.m/ ha.				no.t/ha
very dense	dense	open	total	Workable	Non Workable	Total		Timber	Poles	Fuel	Total	Bamboo
16	17	18	19	20	21	22	23	24	25	26	27	28

STATE CAMPA CHHATTISGARH

Annual Plan of Operations 2009-10

	Table 5		Compensatory Afforestration						Detail		
				Proposed treatment						Deposits	
S.No.	Main Component	Sub component	Legal Status of C.A.	Treatment model	Species	No. of plants	Area (ha)	Unit Cost (Rs. per ha)	Total amount (Rs. lacs)	Amount deposited by user agency (Rs. lacs)	Additional amount needed due to revision of project (Rs. lacs)
1	2	3	4	5	6	7	8	9	10	11	12
									(8)* (9)		
1	Compensatory afforestration	Compensatory afforestration	On Forest Land	Irrigated							
				Non-irrigated							
				Sub total							
			On Non Forest land	Irrigated							
				Non-irrigated							
				Sub total							
			Total								

Note 1: Additional amount needed due to revision of project (Rs. lacs) = Revised Sanctioned amount - Old sanctioned amount

STATE CAMPA CHHATTISGARH

Annual Plan of Operations 2009-10

	Table 5				Compensatory Afforestration					Detailed		
CA information												
Circle	**Division**	**Range**	**Site information (Compt. no./Beat) or (Khasra no./ village)**	**Status of CA land (Forest/non forest)**	**CA area in ha**	**Total Sanctioned amount in Rs. lacs**			**Sanction by GOI (For new CA area)**		**technical sanction (Revised)**	
						Old	Revised	Difference	Letter no.	Date	Letter no.	Date
13	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**

STATE CAMPA CHHATTISGARH

Annual Plan of Operations 2009-10

	Table 5				Compensatory Afforestration					Detailed
User agency information										
Name of Project	**Name of user agency**	**Year of Sanction by GOI**	**Amount to be deposited in Rs.**					**Amount deposited in Rs.**	**Balance amount in Rs.**	**Remarks**
			CA	NPV	Penal dues	others	total			
26	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**

STATE CAMPA CHHATTISGARH
Annual Plan of Operations 2009-10

	Table 6			Productivity enhancement in natural forests						Detail	
			Status of annual coupe in each subtreatment type								
S. No.	Main Component	Sub component	Growing stock volume (cu.m/ha)	Regeneration status (no./ha.)		Treatment type	Species to be planted	No. of Plants	Area (ha)	Unit Cost (Rs. per ha)	Total amount (Rs. lacs)
				established	unestablished						
1	2	3	4	5	6	7	8	9	10	11	12
											(10)* (11)
2.1.1	Productivity enhancement in natural forests	Old plantation management									
		Rehabilitation works									
		High tech plantations				irrigated	Teak				
						Non-irrigated	Teak				
							Bamboo				
							Aonla				
							Species specific				
							Total Non-irrigated				
		Assisted natural regeneration works									
		Sub total									
2.1.2	Micro watershed management										
		On Forest land									
		On Non Forest land									
		Livelihood activities									
						Sub total					
		Grand total									

STATE CAMPA CHHATTISGARH

Annual Plan of Operations 2009-10

Table 6						Productivity enhancement in natural forests					
Site wise information for each annual coupe											
Circle	Division	Range	Beat name	Legal status (RF/PF)	Working circle	Felling/ treatment series	Compartment no.	Coupe no. (part/full)	Total area of coupe in ha		
									Workable	Non Workable	Total
13	14	15	16	17	18	19	20	21	22	23	24

STATE CAMPA CHHATTISGARH

Annual Plan of Operations 2009-10

		Detailed			
Coupe felling information					
Year of felling	**Production from coupe in cu.m/ ha.**				**no.t/ha**
	Timber	**Poles**	**Fuel**	**Total**	**Bamboo**
25	26	27	28	29	30

STATE CAMPA CHHATTISGARH

Annual Plan of Operations 2009-10

Table 7 - Other works - Site wise detailed information

S.No	Main Component	Sub Component	Details	Task	Site wise details for infrastructure/equipment information/allotment of buildings/allotemnt of vehicles							
					Circle	Division	Range	Site information (place/compart	Unit	Quantity /Area	Unit cost in Rs.	Amount in Rs.
2.2	**Forest protection**											
		Patrolling										
			Forest Strike Force (division level)	Allotment of vehicles to Divisions								
			Forest Strike Force - range level	Allotment of vehicles to Ranges								
		Fire management										
			Watch towers	Allotment of Watch towers to Divisions/Ranges								
		Bureau of forest crime and control rooms	Each control room will be provided 1 vehicle, computers & accessories	Allotment of vehicles/works to Divisions								
		Protection of forest areas near urban areas	with masonry wall	Site wise details								
			Total									
2.3	**IT in forestry**	**IT infrastructure**										
			Geomatic centres at 7 circles	Selection of Divisions								
		Computer Networking & communication	LAN Upgradation in FDHQ & FMIS division	Allotment to Divisions								
		Training & Capacity Building		Allotment to Divisions								
		Total										
2.4	**Research & training**	**Research Infrastructure Development**		Allotment to Divisions								
		Forest Research activities	**Research plots** Establishment and	Allotment to Divisions								
		Lead and Botanical Gardens		Allotment to Divisions								
		High tech nurseries		Allotment to Divisions								

S.No	Main Component	Sub Component	Details	Task	Site wise details for infrastructure/equipment information/allotment of buildings/allotemnt of vehicles							
					Circle	Division	Range	Site information (place/compart	Unit	Quantity /Area	Unit cost in Rs.	Amount in Rs.
		Promote agro/farm forestry in JFMC's areas		Allotment to Divisions								
		Total										
2.5	**Development of Medicinal plants**											
		Production of QPM.		Selection of Nurseries								
		Massive under planting of MAP's		Selection of sites								
		Total										
2.6	**Infrastructure development**	**Buildings**	**Office buildings**	Site wise details								
			Residential buildings									
			Other buildings									
			HOSTELS	Site wise details								
		Vehicles										
			Trucks	Allotment to Divisions								
			For supervisory officers	Allotment list								
			For supervisory officers	Allotment list								
			For SDO's	Allotment list								
			Total									
2.7	**Wild life**			Site wise details								
		Sub Total										
	Grand total											