

**ANNUAL ACTION PLAN UNDER CAMPA FUND - DELHI FOR THE YEAR 2013-14**  
**APPROVED BY THE STEERING COMMITTEE OF DELHI STATE**

An area of 42.80 ha of forest/deemed forest land has been diverted for n under various developmental works in the State of Delhi upto 31.3.2013. Total amo cost of Compensatory Afforestation, Penal Compensatory Afforestation and Net P 3467.97 lakhs (**Annexure-I**) and deposited under Adhoc CAMPA. As per CAMPA guidelines, Compensatory Afforestation had to be carried out on double the forest area diverted i.e. on 87.46 ha of degraded forest land. First Annual Action Plan under CAMPA –Delhi was approved in the year 2011-12. Proposal for carrying out Compensatory Afforestation over 100 ha of degraded forest land in Asola Wildlife Sanctuary was approved under first Action Plan during the year 2011-12. Compensatory Afforestation over 100 ha has been carried out in Asola Wildlife Sanctuary as per approved Action Plan under CAMPA during the Year 2011-12. Since, there was availability of degraded forest land in Asola Wildlife Sanctuary and enough funds were available under Delhi CAMPA, so, it was proposed to carry out afforestation on additional 100 ha in Asola Wildlife Sanctuary to increase the forest cover in the State and also to enhance facilities for wildlife by carrying out enrichment plantation and soil moisture conservation works. Action Plan for the Year 2012-13 was approved to carry out afforestation on additional 100 ha under CAMPA. An area of 200 ha has been afforested against the target of 100 ha under CAMPA. There is provision of maintenance of five years for proper establishment of plantation which may be further extended if required. The maintenance of plantations carried out during the year 2011-12 and 2012-13 is in progress. So, Action Plan for the Year 2013-14 has been prepared to make provisions for maintenance of plantation along with some soil conservation or wildlife management and conservation works which have already been approved under Action Plan for the Year 2011-12 & 2012-13 have been proposed under Action Plan for the Year 2013-14 per details under:

**Works proposed in Asola Wildlife Sanctuary and Bhatti area under CAMPA during 2013-14**

**I. Maintenance of Plantation carried out under CAMPA during 2011-12 in Asola Wildlife Sanctuary**

Plantation of 1.0 lac saplings was carried out under CAMPA during 2011-12 in Asola Wildlife Sanctuary and completed on 30.09.2011. The maintenance of plantation started w.e.f. 01.10.2011. There was provision of maintenance of plantation for five years i.e. upto 30.09.2016 @ Rs. 5.91/- per plant per month. An amount worth Rs. 71.00 lacs was approved under Action Plan for the Year 2011-12 for maintenance of plantation on yearly basis. An amount of Rs. 71.00 lacs is proposed for approval for maintenance o plantation during the Year 2013-14.

## II. Maintenance of Plantation carried out under CAMPA during 2012-13 in Asola Wildlife Sanctuary

Plantation of additional 1.0 lac saplings was carried out under CAMPA during 2012-13 in Asola Wildlife Sanctuary and completed on 30.09.2012. The maintenance of plantation started w.e.f. 01.10.2012. There was provision of maintenance of plantation for five years i.e. upto 30.09.2017 @ Rs. 6.50/- per plant per month. An amount worth Rs. 78.00 lacs was approved under Action Plan for the Year 2012-13 for maintenance of plantation on yearly basis. An amount of Rs. 78.00 lacs is proposed for approval for maintenance of plantation during the Year 2013-14.

## III. Maintenance of Irrigation Systems:

The provision of installation of irrigation systems was made and approved to provide irrigation to plantation from Asola Lake in the Action Plan of 2011-12 and 2012-13. The irrigation system has been installed but it will be requiring annual maintenance to use it for five years for irrigating plantations carried out under CAMPA and also under State Plan. A provision of Rs. 10.00 lacs is proposed for approval for maintenance of irrigation systems during the year 2013-14.

## IV. Soil and Moisture Conservation Works:

- a. **Check dams/bunds in nallas:** In order to improve the soil moisture regime and water availability in Asola Wildlife Sanctuary and Bhatti Mines, construction of six check dams and bunds along with vegetative barriers is proposed in nallas/gullies. A provision of Rs. 15.00 lacs @ Rs. 1.50 lacs per check dam is made for this work during year the 2013-14 to check the rills/sheet erosion. The suitable sites will be identified by DCF (South) and the estimates for the same will be prepared and approved as per proposal of DCF (South). So, a provision of Rs. 15.00 lacs is proposed for approved for construction of check dams during the Year 2013-14 which was already approved during the Action Plan of the Year 2011-12 but could not be executed earlier due to non-availability of funds under CAMPA during previous years.
- b. **Construction of Stone Masonary Structure to conserve water in nallas:** In order to improve the soil moisture regime and water availability in Asola Wildlife Sanctuary and Bhatti Mines, construction of stone masonry structures is proposed. A provision of Rs. 12.00 lacs @ Rs. 6.00 lacs per nala is made for this work during year the 2013-14. The suitable sites will be identified by DCF (South) and the estimates for the same will be

prepared and approved as per proposal of DCF (South). So, a provision of Rs. 12.00 lacs is proposed for approved for construction of stone masonry during the Year 213-14.

- c. **Rejuvenation of Water Bodies in Asola Wildlife Sanctuary:** In order to conserve rain water runoff from surrounding areas and to improve the ground water regime in Asola and Bhati Wildlife Sanctuary, it was proposed to redevelop four water bodies in and around the proposed plantation site. These water bodies on their redevelopment would provide much needed water for the wildlife and avifauna of the area and thereby improve the environment of the area. The total cost of redevelopment of water bodies had been estimated at Rs. 12.00 lakh @ Rs. 3.00 lakh per water body which entailed mechanical dredging, desilting through JCB and strengthening of the embankment / bunds through dressing with the dredged/desilted soil. It was, however, clarified that no civil works would be undertaken in the redevelopment of water bodies in the sanctuary area. So, provision of Rs. 12 lacs is proposed for approval during the year 2013-14.

#### IV. Protection and management of Wildlife:

- a. **Construction of Watch towers:** Twelve watch towers with iron work and wooden platform are proposed to be constructed in the plantation area to have an overview of the wildlife area and for protection watchers. Provision worth Rs. 24.00 lacs @ Rs. 2.00 lacs per watch tower was made during the year 2012-13 but the work could not be executed due to non-availability of funds under CAMPA during the previous years. Provision of Rs. 60.00 lacs for construction of watch towers (4 Nos.) with RCC pillars @ Rs. 15.00 lacs per tower was made in the Action Plan of 2011-12 but the work could not be executed. So, a provision of Rs. 84.00 lacs is proposed for approval during the Year 2013-14 on the availability of funds under CAMPA.
- b. **Construction of Water Guzzlers/drinking water points in Wildlife Sanctuary Area:** There remains huge scarcity of water in the Wildlife Sanctuary during summers and later winters for wildlife. There is proposal for laying out pipelines from Asola Lake to bring water to plantation area under irrigation system. So, it is proposed to construct water guzzlers/drinking water points at a distance of 200 m on both the sides of the pipeline. Construction of 30 Water Guzzlers in the Wildlife Sanctuary are proposed. A provision of Rs. 15.00 lacs was made for water guzzlers @ Rs. 50000/- per Water Guzzler in the Action Plan of the year 2012-13 but the work could be executed due to non-availability of

funds under CAMAP. So, the provision of Rs. 15.00 lacs is proposed for approval during the year 2013-14.

**c. Development of forage patches for wildlife:** There are lots of blue bulls and other herbivorous animals in the wildlife sanctuary and there is no forage patches for these animals. These animals enter the plantation area and graze on new species planted. So, to divert these animals from plantation area, alternate grazing place needs to be created in open forest area. Creation of 5 sets of grasslands of anjan grass or any palatable grass of one ha each is proposed. Three patches were created under State Plan during the year 2012-13. Provision of development of five more forage patches is made during 2013-14. Provision of Rs. 5.00 lacs @ Rs. 1.00 lac per pocket is made for approval during the year 2013-14.

**d. Provision for Six Wildlife Watchers in the Wildlife Sanctuary:** There is huge scarcity of field staff in the Department. The sanctuary area is large and the monkeys translocated from habitations also need to be fed twice in a day, so, there is need to deploy six wildlife watchers to meet the above said requirement. Provision of 10.80 lakh (@ Rs. 15000 per person for six persons) is made in this year's plan.

**e. Provisions of Six Motorcycles for patrolling in the sanctuary area:** The area is very large and staff patrolling is negligible due to lack of vehicle in the sanctuary area. So, provision of 9.00 lakh is made under this year's plan. Rs. 6.00 lakh for purchase for two motorcycles and Rs. 3.00 lakh is made for POL for running these vehicles.

**f. Engagement of two Drivers:** Provision for engagement of three drivers from Rajya Sainik Board or Delhi Home Guards on contract basis @ Rs. 15000/- per month (consolidated) per driver was made in the Annual Action Plan of 2011-12. Annual provision for Rs.3.60 lakh was made in that plan. So, this is also proposed in the Action Plan of the Year 2013-14.

**d. Engagement of Retd. Wildlife Personnel:** Provision for engagement of two retd. Wildlife Personnel on contract basis @ Rs. 15000/- per month (consolidated) per personnel was made in the Annual Action Plan of 2011-12. Annual provision for Rs.3.60 lakh was made in that plan. So, this is also proposed in the Action Plan of the Year 2013-14.

**e. Provision for Group Networking in South Forest Division:** There is provision of free mobile contact between Group Members under CUG (Close User Group) Scheme which has been found very efficient by ETF staff for contacting each other. There is shortage of staff in South Forest Division and ETF is working in Asola Wildlife Sanctuary and in Bhatti areas. To control the forest and wildlife crimes in the Division and to interact with

each other in the division and the ETF officials, provision for networking under Group CUG Scheme is proposed during the year 2013-14. This will act as alternate of wireless system. The total expenditure on a scheme of 100 numbers will be Rs. 15000/- per month. Provision of Rs. 2.00 lacs is made for mobile networking under CUG Scheme.

- f. **Provision for Extra Duty Pay to Account Clerk for maintaining the separate accounts of CAMPA:** As the account of CAMPA is separate than the usual ETF account, so, provision for Extra Duty Pay of Rs. 12000/- @ Rs. 1000/- per month is made during the year 2013-14.

#### V. Monitoring and Evaluation:

The CA/PCA works are periodically monitored and shall be monitored in future also by a Committee comprising of the Conservator of Forests, DCF (South) and CO, ETF on quarterly basis and also by Chief Conservator of Forests, APCCF (Central), regional Office, Chandigarh or his representative as representative of MoEF, GOI as and when required. It is also proposed to carry out Third Party Inspection of the works executed under CAMPA through an accredited independent agency on annual basis. The expenditure of which should be restricted to 2% of the total funds released by CAMPA on yearly basis as approved in the CAMPA Guidelines of 2009. Provision for Rs. 6.62 lakhs is made in the Action Plan of the year 2013-14.

#### VI. Institutional Arrangement:

The institutional works for the year 2013-14 will be carried out as per provisions of the CAMPA guidelines.

**ABSTRACT OF COST OF WORKS UNDER CAMPA : YEAR 2013-14**

Sr. No.	Para No.	Item of Expenditure	Amount (Rs. in Lacs)
<b>A. Works proposed in Asola Wildlife Sanctuary</b>			
1.	I	<b>Compensatory Afforestation</b>	
	a.	Maintenance of plantation (April 2013 to March 2014) @ Rs. 6.50 per plant per month- Approved under 2012-13 Plan	78.00
	b.	Maintenance of plantation of year 2011-12 (April 2013 to March 2014)- Approved under 2011-12 plan	71.00
2.	II	<b>Maintenance of Irrigation Systems</b>	10.00
3.	III	<b>Soil and Moisture Conservation Works</b>	
	a.	Dry stone Check dams	15.00
	b.	Stone Masonary Check dams	12.00
	c.	Rejuvenation of water bodies	12.00
4.	IV.	<b>Protection &amp; management of plantation/wildlife (already approved under 2011-12 &amp; 2012-13 plan)</b>	
	A	Construction of watch towers	84.00
	B	Construction of water guzzlers/water points for wild animals	15.00
	C	Development of forage patches for wild animals	5.00
	D	Provision for Wildlife Watchers for feeding monkeys	10.80
	E	Provision for purchase of motorcycles (6 in Nos.)	9.00
	F	Engagement of two drivers on contract basis @ Rs. 15000 per month each	3.60
	G	Engagement of two ret'd. Wildlife Personnel @ Rs. 15000 per month each	3.60
	H	Provision of Group Networking Facility	2.00
	I	Extra Duty pay for Account Clerk for CAMPA Account	0.12
5.	V	<b>Monitoring &amp; Evaluation @ 2 percent (assigned to FSI at GOI level)</b>	6.62
		<b>Total</b>	<b>337.74</b>