

Full Title of the Project : Diversion of 41.05 ha. of forest land closed under section 4 & 5 of PLPA 1900 in favour of Head-Administration, Translational Health Science and Technology Institute, NCR Biotech Science Cluster, Faridabad for setting up of Translation Research Teaching and Training in Biotechnology & Animal Research Laboratory along Gurugram-Faridabad road, at Village Bhankri, under forest division and District Faridabad, Haryana.

Online Proposal No. FP/HR/Others/34808/2018

Date of Proposal _____

CHECK LIST SERIAL NUMBER:-18
"SCHEME FOR C.A."

Name of the Forest/Reach to be diverted

Diversion of forest land closed under section 4 & 5 of PLPA 1900 in favour of Head-Administration, Translational Health Science and Technology Institute, NCR Biotech Science Cluster, Faridabad for setting up of Translation Research Teaching and Training in Biotechnology & Animal Research Laboratory along Gurugram-Faridabad road, at Village Bhankri, under forest division and District Faridabad, Haryana.

Forest Area = 41.05 ha.

Details of degraded forest land/non-forest land where C.A. is to be carried out.

Division: Mahendergarh District : Mahendergarh

Range : Mahendergarh and Narnaul

C.A. Site name : RF Kanti, Mukandpura, Sohla and Salimabad.

Area to be Afforested :-

- a) Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No): **No**
- b) If the CA site is other than the land bank, reasons be given:- **There is no land bank in District Mahendergarh**
- In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary :-
- i) Soil type: **Sandy Loam**
- ii) Topography a. Hilly/Undulating/Plain:
b. Slope:-Steep/Medium/Gentle:
- iii) Whether the area is bearing any root stock of vegetation:-

Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up is as under ;

1. Schedule of Plantation Programme:-

Detail of year wise break-up of requirements of funds is as under:-

The plantation cost is calculated for Tall Plants norms at 4m x 2½m spacing at the wage rate of Rs. 326.82 per day as under:-

Year	Rate per Plant
1 st Year cost of afforestation	Rs. 359.10 Per Plant
2 nd Year maintenance	Rs. 115.35 Per Plant
3 rd Year maintenance	Rs. 41.89 Per Plant
4 th Year maintenance	Rs. 15.58 Per Plant
5 th Year maintenance	Rs. 15.58 Per Plant
6 th Year maintenance	Rs. 15.58 Per Plant
7 th Year maintenance	Rs. 15.58 Per Plant
8 th Year maintenance	Rs. 15.58 Per Plant
9 th Year maintenance	Rs. 15.58 Per Plant
10 th Year maintenance	Rs. 15.58 Per Plant
Total	Rs. 625.40

Area to be Diverted : 41.05 ha.

No. of Trees to be felled : 1153

No. of Plants to be damaged : 7259

Area to be planted under normal CA : 82.10 ha. (Double the area to be diverted)

Plants to be Planted under normal CA : 82100 (@ 1000 plants per ha.)

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)= 7259x2=14518 Plants

Area to planted under Addl. CA : 14.518 ha. (@ 1000 plants per ha.)

Total No. of plants to be planted (CA+Addl.CA) : 82100+14518=96618

Total Area to be planted (CA+Addl.CA) : 96.618 ha. (@ 1000 plants per ha.)

S.No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plant		
	(1) 1 st Year cost of afforestation	82100	Rs. 359.10 Per Plant	29482110
	(2) 2 nd Year maintenance		Rs. 115.35 Per Plant	9470235
	(3) 3 rd Year maintenance		Rs. 41.89 Per Plant	3439169
	(4) 4 th Year maintenance		Rs. 15.58 Per Plant	1279118
	(5) 5 th Year maintenance		Rs. 15.58 Per Plant	1279118
	(6) 6 th Year maintenance		Rs. 15.58 Per Plant	1279118
	(7) 7 th Year maintenance		Rs. 15.58 Per Plant	1279118
	(8) 8 th Year maintenance		Rs. 15.58 Per Plant	1279118
	(9) 9 th Year maintenance		Rs. 15.58 Per Plant	1279118
	(10) 10 th Year maintenance		Rs. 15.58 Per Plant	1279118
	(11) Barbed wire fencing charge	RKM	Rs.76700/- Per RKM	25188280
		328.4		
	Total Charges			76533620
	Supervisory / Overhead / Miscellaneous Charges			10% on the CA charges 7653362
Total (A) C.A. Charge			84186982	
B	Additional Compensatory Afforestation Charges			
	(1) 1 st Year cost of afforestation	14518	Rs. 359.10 Per Plant	5213413.8
	(2) 2 nd Year maintenance		Rs. 115.35 Per Plant	1674651.3
	(3) 3 rd Year maintenance		Rs. 41.89 Per Plant	608159.02
	(4) 4 th Year maintenance		Rs. 15.58 Per Plant	226190.44
	(5) 5 th Year maintenance		Rs. 15.58 Per Plant	226190.44
	(6) 6 th Year maintenance		Rs. 15.58 Per Plant	226190.44
	(7) 7 th Year maintenance		Rs. 15.58 Per Plant	226190.44
	(8) 8 th Year maintenance		Rs. 15.58 Per Plant	226190.44

	(9) 9 th Year maintenance		Rs. 15.58 Per Plant	226190.44
	(10) 10 th Year maintenance		Rs. 15.58 Per Plant	226190.44
	(11) Barbed wire fencing charge	RKM	Rs.76700/- Per RKM	4454122
		58.072		
	Total (B) Addl. C.A. Charges			13533680
C	Penal C.A.	-		0
D	Catchment Area Treatment			
	Soil and Moisture Conservation charges		30% of the Total CA	25256095
	Total (D)			25256095
E	Safety Zone (if required)			0
F	Additional Charges (if required)			0
	Total (F)			0
G	Net Present Value of Forest Land to be diverted		Rs. 887000/- per ha.	36411350
H	Felling charges	Vol. M ³	Rs.1200 /- per m ³	86952
		72.46		
	Grand Total (A+B+C+D+E+F+G+H) to be deposited in CAMPA Fund			159475058

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:- Plantation will be done with 3 strand barbed wire.
- Spacement:- $4 \times 2\frac{1}{2}$ meter
- Species:- Neem, Bakain, P.Papri. Cassia Fistula, Cordia Myxa, Zyzyphus mauritiana, Albizia lebbeck, Morus Alba etc.
- Plantation Method :- Tall Plantation
- Soil and Moisture Conservation Works
- Protection (Fencing, Watch man, People's Participation etc.): - **Fencing**
- Proposed Monitoring Mechanism:- (M&E),
- Any Other information:- Nil.

Place:

Dated :

उत्तर प्रदेश, मुख्य वन, संरक्षक (रक्षाधीन क्षेत्र सीमावर्ती)
बनियागा, पंचकुला

Note : CF (T) should countersign this C.A. scheme if area to be afforested is more than 5 hectare.