

Full Title of The Project: Diversion of 6.387 ha of forest land for improvement of Palwal-Hathin-Uttawar road (MDR-135) km. 0.44 to 22.40, under forest Division and District Palwal, Haryana.

File No. : FP/HR/ROAD/45196/2020

Date of Proposal:

CHECK LIST SERIAL NUMBER: 18
"SCHEME FOR COMPENSATORY AFFORESTATION"

Name of the forest/reach to be diverted forest area 6.387 ha.

Detail of degraded forest land/non-forest land where CA. is to be carried out.

Division: District : **Palwal**

Tehsil : **Hodal, Range Hodal**

CA. Site Name : **GMD. RD. 40-54, L&R, GMD RD. 60-80, L&R, GMD RD. 110-120, L&R and Singar-Sondh Drain RD. 0-20, L&R (Sondh Pump House to Neemka Village)**

c) Whether the site selected for Compensatory Afforestation is a land bank (Yes or No) **No**
d) If the CA site is other than the land bank, reasons to be given : **NA.**
In case of non- forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary :-
iii) Soil Type :-
iv) Topography : a. Hilly/Undulating/plain:-
b. Slope:- Steep/Medium/Gentle:-
iii) Whether the area is bearing any root stock of vegetation : **No**

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 plantation Norms at 4mx2½m spacing as the wage rate of Rs 363.77 per day as under :-

Sr No	Year	Rate per plants
1.	1 st Year cost of afforestation	Rs 439.67/- per plant
2.	2 nd Year Maintenance	Rs 154.07/- per plant
3.	3 rd Year Maintenance	Rs 60.61/- per plant
4.	4 th Year Maintenance	Rs 24.26/- per plant
5.	5 th Year Maintenance	Rs 25.99/- per plant
6.	6 th Year Maintenance	Rs 27.73/- per plant
7.	7 th Year Maintenance	Rs 29.46/- per plant
8.	8 th Year Maintenance	Rs 31.19/- per plant
9.	9 th Year Maintenance	Rs 32.93/- per plant
10.	10 th Year Maintenance	Rs 34.66/- per plant
	Total	Rs 860.57/- per plant

Area to be diverted : **6.387 Ha**

No. of trees to be felled: **1632 No.**

No of plants to be damaged : **769 No.**

Area to be planted under normal CA.: **12.774 Ha.** (Double the area diverted)

Plants to be planted under normal CA.: **12774** (@ 1000 plants per Ha.)

Additional CA in lieu of plants to be damaged (Double the plants to be damaged) = $769 \times 2 = 1538$ plants

Area to be planted under Add. CA.: **1.538 Ha.** (@ 1000 plants per Ha.)

Total No. of plants to be planted: (CA+Add. CA): **14312**

Total Area to be planted: (CA+Add. CA): **14.312 Ha.** (@ 1000 plants per Ha.)

Sr No	Description		Rate	Total Amount (Rs)	
(A)	Compensatory Afforestation Charge	No of plants			
(1)	1st year Cost of Afforestation	12774	Rs 439.67/- per plant	5616345	
(2)	2nd year Maintenance	12774	Rs 154.07/- per plant	1968091	
(3)	3rd year Maintenance	12774	Rs 60.61/- per plant	774233	
(4)	4th year Maintenance	12774	Rs 24.26/- per plant	309898	
(5)	5th year Maintenance	12774	Rs 25.99/- per plant	331997	
(6)	6th year Maintenance	12774	Rs 27.73/- per plant	354224	
(7)	7th year Maintenance	12774	Rs 29.46/- per plant	376323	
(8)	8th year Maintenance	12774	Rs 31.19/- per plant	398422	
(9)	9th year Maintenance	12774	Rs 32.93/- per plant	420648	
(10)	10th year Maintenance	12774	Rs 34.66/- per plant	442747	
(11)	Barbed wire fencing charges	RKM 51.096	Rs 200000/- per RKM	10219200	
Total charges				21212128	
Supervisory/Overhead/Miscellaneous charges			10% of the total CA charges	2121213	
Total (A) CA. Charge				23333341	
B	Add. Compensatory Afforestation Charge				
(1)	1st year Cost of Afforestation	1538	Rs 439.67/- per plant	676213	
(2)	2nd year Maintenance	1538	Rs 154.07/- per plant	236960	
(3)	3rd year Maintenance	1538	Rs 60.61/- per plant	93219	
(4)	4th year Maintenance	1538	Rs 24.26/- per plant	37312	
(5)	5th year Maintenance	1538	Rs 25.99/- per plant	39973	
(6)	6th year Maintenance	1538	Rs 27.73/- per plant	42649	
(7)	7th year Maintenance	1538	Rs 29.46/- per plant	45310	
(8)	8th year Maintenance	1538	Rs 31.19/- per plant	47971	
(9)	9th year Maintenance	1538	Rs 32.93/- per plant	50647	
(10)	10th year Maintenance	1538	Rs 34.66/- per plant	53308	
(11)	Barbed wire fencing charges	RKM 6.152	Rs. 200000/- per RKM.	1230400	
Total (B) Add. CA. Charge				2553962	
C	Penalty for Violation				0
D	Catchment Area Treatment				0
	Soil and Moisture Conservation Charges		30% of Total CA.		7000003
Total (D)					
E	Safety Zone (if required)				0

F	Additional Charges (if required)	Qty.	RATE	
	Portable DG Set Small 1.1 H.P.	1	25000	25000
	Fertilizer			90000
	Four Wheeler for patrolling	1	1905978	1905978
	Total (F)			2020978
G	Net Present Value of Forest land to be diverted	6.387 Ha.	Rs 887000/- per Ha	5665269
H	Felling Charges	Vol. M ³	Rs. 1200/- M ³	1853544
		1544.62		
I	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F+G+H)			1272813
	Grand Total (A+B+C+D+E+F+G+H+I) to be deposited in CAMPA Fund			43699910

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- i) General Details : Plantation will be done with 3 strand barbed wire
- j) Spacement : 4 x 2½ meter.
- 1. Species : P. Papri, B. Papri, Bar, Pipal, Kajelia, Neem, Jangle Jalebi, Pilkhan, Arjun etc.
- k) Plantation Method : Tall Plantation
- l) Soil and Moisture Conservation Works :
- m) Protection (Fencing, Watch man, People's Participation etc.): Fencing
- n) Proposed Monitoring Mechanism : M&E, Hissar Division
- o) Any other information : -----

Place : Palwal

Uttar
Dy. Conservator of Forests
 Palwal Forest Division
PALWAL

Dated :

Office Seal.....

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