

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 <sup>st</sup> Year cost of afforestation	Rs 439.67/- per plant
2.	2 <sup>nd</sup> Year Maintenance	Rs 154.07/- per plant
3.	3 <sup>rd</sup> Year Maintenance	Rs 60.61/- per plant
4.	4 <sup>th</sup> Year Maintenance	Rs 24.26/- per plant
5.	5 <sup>th</sup> Year Maintenance	Rs 25.99/- per plant
6.	6 <sup>th</sup> Year Maintenance	Rs 27.73/- per plant
7.	7 <sup>th</sup> Year Maintenance	Rs 29.46/- per plant
8.	8 <sup>th</sup> Year Maintenance	Rs 31.19/- per plant
9.	9 <sup>th</sup> Year Maintenance	Rs 32.93/- per plant
10.	10 <sup>th</sup> Year Maintenance	Rs 34.66/- per plant
	<b>Total</b>	<b>Rs 860.57/- per plant</b>

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) = 769x2=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)	Compoensatory 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	Rs 200000/- per RKM	10219200
		51.096		
	<b>Total charges</b>			<b>21212128</b>
	Supervisory/Overhead/Miscellaneous charges		10% of the total CA charges	2121213
	<b>Total (A) CA. Charge</b>			<b>23333341</b>
<b>B</b>	<b>Add. Compoensatory Afforestation Charge</b>			
	(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	Rs. 200000/- per RKM.	1230400
		6.152		
	<b>Total (B) Add. CA. Charge</b>			<b>2553962</b>
<b>C</b>	Penalty for Violation			0
<b>D</b>	Catchment Area Treatment			0
	Soil and Moisture Conservation Charges		30% of Total CA.	7000003
	<b>Total (D)</b>			
<b>E</b>	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
	<b>Total (F)</b>			<b>2020978</b>
G	Net Present Value of Forest land to be diverted	6.387 Ha.	Rs 887000/- per Ha	5665269
H	<b>Felling Charges</b>	Vol: M <sup>3</sup> 1544.62	Rs. 1200/- M <sup>3</sup>	1853544
I	Exigency Charges 3% of the Total Cost of ( A+B+C+D+E+F+G+H)			1272813
	<b>Grand Total ( A+B+C+D+E+F+G+H+I) to be deposited in CAMPA Fund</b>			<b>43699910</b>

**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

Dated :

*Udit*  
**Dy. Conservator of Forests**  
Palwal Forest Division  
**PALWAL**

Office Seal.....

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