

Full Title of the Project: Diversion of 0.1525 ha. of forest land for construction of new road from Nuh -Palwal road (Mannaki) to Jogipur-Hathin toad (Tain) in Nuh District, (CM announcement code No. 22706 dated 23/9/2018) (Section Tain Hussainpur road to Jogipur-Hathin road.) State Haryana.

Fil No. :- FP/HR/ROAD/153617/2022

Date of Proposal:- 18.03.2022

CHECK LIST SERIAL NUMBER:- 18 "CA SCHEME"

Name of the Forest/Reach to be : Diversion of 0.1525 ha. of forest land for construction of new road from Nuh -Palwal road (Mannaki) to Jogipur-Hathin toad (Tain) in Nuh District, (CM announcement code No. 22706 dated 23/9/2018) (Section Tain Hussainpur road to Jogipur-Hathin road.) State Haryana.

Details of degraded forest land/Non forest land where C.A is to be carried out:

Name of Division: Nuh
Name of District: Nuh
Name of Tehsil: Tauru
Name of Range: Nuh
Name of C.A Site: Dalaka Sec. 4&5
Area of C.A : 0.323 Ha.
Area of A.CA : Nil
GPS Reading C.A Site : Dalaka Sec. 4&5
N 28° 11' 43.661" E 76° 59' 36.704"
N 28° 11' 42.519" E 76° 59' 38.286"
N 28° 11' 39.925" E 76° 59' 34.340"
N 28° 11' 38.981" E 76° 59' 35.185"

Area to be Afforested :-

- a) Whether the site selected for Compensatory Afforestation is a land bank (Yes or No) **Yes**
- b) If the C.A site is other than the land bank, reasons be given:- **N.A**
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 to Sandy Loam**
- (ii) Topography a. Hilly/Undulating/Plain: **Undulating**
b. Slope:-Steep/Medium/Gentle: **Gentle to steep**
- (iii) Whether the area is bearing any root stock of vegetation:- **At some hilly place.**

Plantation Medel:-

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

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

The Plantation is calculated for **Plantation as per Small Plants. At 4 × 2½ meter spacing and 1000 plants per Hec.** at the wages rate approved **2022-23 at Rs 388.42/-** as per wage plants as under:- (inclusion with 10% per year future maintenance cost norms)

Sr. No.		Year	Rate per Plant
1		1st Year Plantation	469.46/- Per Plant
2		2nd Year Maintenance	164.51/- Per Plant
3		3rd Year Maintenance	64.71/- Per Plant
4		4th Year Maintenance	25.90/- Per Plant
5		5th Year Maintenance	27.75/- Per Plant
6		6th Year Maintenance	2.60/- Per Plant
7		7th Year Maintenance	31.45/- Per Plant
8		8th Year Maintenance	33.30/- Per Plant
9		9th Year Maintenance	35.16/- Per Plant
10		10th Year Maintenance	37/- Per Plant
		Total	918.84/-

Area to be Diverted :- **0.1525 Ha.**

No. of Trees to be Felled :- **18 No. Plants**

Plants to be Damaged :- **Nil**

Plants to be Planted C.A :- **323 Plants**

Area to be Planted :- Two time of the area to be diverted = **0.1525X2= 0.305 Ha.**

Plants to be Planted :- **305+18=323 @ 1000 Plants per Ha.**

Area to be Plants to be Planted :- **0.323 Ha.**

Additional C.A in lieu of Plants to be Damaged (Double) the Plants to be Damaged) **Nil**

Sr. No.	Description	Total Area	Rate	Total Amount (Rs.)
A	Compensation Afforestation Charges	No. of Plants		
1	1st Year Plantation	323	469.46/- Per Plant	151635.58
2	2nd Year Maintenance	323	164.51/- Per Plant	53136.73
3	3rd Year Maintenance	323	64.71/- Per Plant	20901.33
4	4th Year Maintenance	323	25.90/- Per Plant	8365.70
5	5th Year Maintenance	323	27.75/- Per Plant	8963.25
6	6th Year Maintenance	323	29.60/- Per Plant	9560.80
7	7th Year Maintenance	323	31.45/- Per Plant	10158.35
8	8th Year Maintenance	323	33.30/- Per Plant	10755.90
9	9th Year Maintenance	323	35.16/- Per Plant	11356.68
10	10th Year Maintenance	323	37/- Per Plant	11951.00
11	Barbed Wire Fencing Chrges	1.292 RKM	Rs. 200000 Per Km.	258400.00
	Total Charges			555185.32
12	Supervisory/Overhead/Miscellaneous Charges		10% on the C.A Charges	55519.00
	Total (A) C.A Charges			610704

Additional Compensation Afforestation Charges				
Sr. No.	Description	Total Area	Rate	Total Amount (Rs.)
B	Additional CA Charges	No. of Plants		
1	1st Year Plantation		469.46/- Per Plant	
2	2nd Year Maintenance		164.51/- Per Plant	
3	3rd Year Maintenance		64.71/- Per Plant	
4	4th Year Maintenance		25.90/- Per Plant	
5	5th Year Maintenance		27.75/- Per Plant	
6	6th Year Maintenance		29.60/- Per Plant	
7	7th Year Maintenance		31.45/- Per Plant	
8	8th Year Maintenance		33.30/- Per Plant	
9	9th Year Maintenance		35.16/- Per Plant	
10	10th Year Maintenance		37/- Per Plant	
11	Barbed Wire Fencing Chrges	0.0 RKM	Rs. 200000 Per Km.	0.0
	Total (B) Addl. C.A Charges			0.0
C	Catchment Area Treatment (if required)			
	Digging of Pit cum Trenches 323X2.0X0.45X0.45=130.815 cum.	130.815 cum.	143.31 Per cum.	18747.00
D	Soil and Moisture Conservation Charges		30% of the Total C.A+A.CA	183211.00
E	Safety Zone (If required))			0
F	Additional Charges (If required)			0
G	Felling Charges=1.83 m3	1.83m3	Rs. 1200/- per m3	2196.00
H	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F+G+H)			28828.00
	GRANT TOTAL			843686

2 Technical Details:-

Technical details of Compensation Afforestation Scheme are as follows:-

a) General Details:-

b) Spacement:-

c) Species:-

d) Plantation Method :-

e) Soil and Moisture Conservation works:-

f) Protection (Fencing, Watch man, People's Participation etc.

g) Proposed Monitoring Mechanism :-

h) Any Other information :-

Plantation will be done with 3 strand barbed wire.

4 X 2½ meter

Ronj (Vachellia leucophloea) Kheri (Prosopis Cineraria)

Pahari Papri (Holoptelea integrifolia) Dhak (Butea monosperma), Lasoda (Cordia dichotoma) Ailanthus excelsa, etc.

Small Plantation

Fencing

(M&E)

Nil

Place:

Dated:


Divisional Forest Officer
Nuh (Haryana)

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