

Full Title of the Project: Diversion of Forest land 3.7381 ha. (0.029 ha. of Kurukshetra Division) for Development of 6 lane Access Controlled Greenfield highway of Shamli-Ambala Sec. from Km. Ch. 0+000 to Km. Ch. 120+970 (Total Length: 120-970) in the State of Uttar Pradesh & Haryana Punjab under Bharatmala priyोजना under Forest Division & Distt. Kurukshetra.

File No. : FP/HR/ROAD/153630/2022
Date of Proposal: 14-09-2022

CHECK LIST SERIOL: NUMBER -18
“SCHEME FOR COMPENSATORY AFFORESTATION”

Name of the Forest/Reach to be diverted :

Full Title of the Project: Diversion of Forest land 3.7381 ha. (0.029 ha. of Kurukshetra Division) for Development of 6 lane Access Controlled Greenfield highway of Shamli-Ambala Sec. from Km. Ch. 0+000 to Km. Ch. 120+970 (Total Length: 120-970) in the State of Uttar Pradesh & Haryana Punjab under Bharatmala priyोजना under Forest Division & Distt. Kurukshetra.
Forest Area =3.7381 ha. (0.029 ha. of Kurukshetra Division) ha.

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

Division & District Kurukshetra

Tehsil & Range Thanesar

C.A. Site name : **Damli Bundh RD 16-20**

Area to be Afforested:-

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, reason be given :- **There is no land bank available in district Kurkushetra**

In case of non-forest area identified for CA, then what is the distance CA site from the adjoining forest boundary:-

i. Soil type: **Sandy Laom**

ii. Topography a) Hilly/Undulating/Plain : **Plain**
b) Slope :- Steep/Medium/Gentle: **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 requirement of funds is as under:-

The plantation cost is calculated for Tall Plantation norms at 4m × 2½ m spacing at the wage rate of Rs. 347.08/- per day as under :-

Area to be diverted					In ha.
No. of Plants to be felled					0.0290
Plants to be damaged					1
Plants to be planted					0
Area to be planted					100
Additional CA in lieu of plants to be damaged (Double the plants to be damaged)					0.10
					0
Sr. No.	DESCRIPTION		RATE	Per	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plants			
	(1) 1st Year Cost of Afforestation	100	381.97	Per Plants	38197
	(2) 2nd Year Maintenance		122.70	Per Plants	12270
	(3) 3rd Year Maintenance		44.55	Per Plants	4455
	(4) 4th Year Maintenance		16.57	Per Plants	1657
	(5) 5th Year Maintenance		16.57	Per Plants	1657
	(6) 6th Year Maintenance		16.57	Per Plants	1657
	(7) 7th Year Maintenance		16.57	Per Plants	1657
	(8) 8th Year Maintenance		16.57	Per Plants	1657
	(9) 9th Year Maintenance		16.57	Per Plants	1657
	(10) 10th Year Maintenance		16.57	Per Plants	1657
	(11) Barbed wire fencing charges (in Rkm)	0.4	200000.12	Per Rkm.	80000
	Total Charges				146521
	Supervisory / Overhead / Miscellaneous Charges		10% on the total CA charges		14652
	Total (A) CA Charges				161173
B	Additional Compensatory Afforestation Charges				
	(1) 1st Year Cost of Afforestation	0	381.97	Per Plants	0
	(2) 2nd Year Maintenance		122.70	Per Plants	0
	(3) 3rd Year Maintenance		44.55	Per Plants	0
	(4) 4th Year Maintenance		16.57	Per Plants	0
	(5) 5th Year Maintenance		16.57	Per Plants	0
	(6) 6th Year Maintenance		16.57	Per Plants	0
	(7) 7th Year Maintenance		16.57	Per Plants	0
	(8) 8th Year Maintenance		16.57	Per Plants	0
	(9) 9th Year Maintenance		16.57	Per Plants	0
	(10) 10th Year Maintenance		16.57	Per Plants	0
	(11) Barbed wire fencing charges (in Rkm)	0.00	200000.12	Per Rkm.	0
	Total (B) Addl. CA Charges				0
C	Catchment Area Treatment (if required)				
	Soil Moisture Conservation (SMC) work		30% on the total CA charges		19956
	Total (C)				19956

D	Safety Zone (if required)				0
E	Additional Charges (if required)				0
	-----				0
	-----				0
	Total (D+E)				0
F	Felling charges = m ³	1.13	1200	m ³	1356
	Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA Fund				182485

5. **Technical details:-**

Technical detail of Compensatory Afforestation Scheme are as follows:-

- a) General Detail:- Plantation will be done with 3 strand barbed wire in
b) Spacing:- 4 x 2½ metre
c) Species:- Neem, Bakain, Papri etc.
d) Plantation method:- Tall Plantation
e) Soil and Moisture Conservation work:- Nil
f) Protection:- (Fencing, Watch man, People's Participation etc.): -Fencing
g) Proposed Monitoring Mechanism:- Checking of Plantation work will be Done by RFO, DCF, CF & DCF (M&E)
h) Any other information:- Nil

Place:- Kurukshetra

Date:-

Jgk
Divisional Forest Officer
Kurukshetra Forest Division
Kurukshetra

Note:- CF (T) should counter sign this CA scheme if Area to be afforested is more than 5 hect.

Full Title of the Project: Diversion of Forest land 3.7381 ha. (0.029 ha. of Kurukshetra Division) for Development of 6 lane Access Controlled Greenfield highway of Shamli-Ambala Sec. from Km. Ch. 0+000 to Km. Ch. 120+970 (Total Length: 120-970) in the State of Uttar Pradesh & Haryana Punjab under Bharatmala priyojana under Forest Division & Distt. Kurukshetra.

File No. : FP/HR/ROAD/153630/2022

Date of Proposal: 14-09-2022

CHECK LIST SERIOL: NUMBER -18
"SCHEME FOR NPV"

Name of the Forest/Reach to be diverted :

Full Title of the Project: Diversion of Forest land 3.7381 ha. (0.029 ha. of Kurukshetra Division) for Development of 6 lane Access Controlled Greenfield highway of Shamli-Ambala Sec. from Km. Ch. 0+000 to Km. Ch. 120+970 (Total Length: 120-970) in the State of Uttar Pradesh & Haryana Punjab under Bharatmala priyojana under Forest Division & Distt. Kurukshetra.
Forest Area =3.7381 ha. (0.029 ha. of Kurukshetra Division)

NPV calculation sheet				
	Rate	Ha.		In ha.
Area to be diverted				0.029
NPV of the foest land	957780	0.029	Per ha.	27776
Total Amt. of NPV				27776

Place:- Kurukshetra

Date:-

Raj
Divisional Forest Officer
Kurukshetra Forest Division
Kurukshetra
18/09/22