Full Title of the Project:. Diversion of 3.7381 ha. (2.2099 ha. of Ambala division) of Forest Land in favour of Project Director National Highways Authority of India Ambala for Construction of 6-lane access-controlled Highway from Shamli to Ambala along Mohri-Kesri Road k.m 12-13 L/ R/Side, Jagadhri Ambala Road km. 41-42 L/Side, Mithapur to Sambhalka Road L&R Side, Hamidpur Bundh 0-Tail R/L side, Barara-Tandwal Road 0-Tail R/L side, Markanda –Ghelri Bundh 0-11 R/L side, S.S Road km 42 to 43 R/L Side, Adhoya to Akalgarh Road 1-2 R/L Side, Alawalpur-Foxa line Road R/L Side in state of Haryana and Uttar pardesh and Punjab under Forest Division and Distt. Ambala Haryana.

Online Proposal No.: FP/HR/Road/153630/2022

Date of Proposal : 31.03.2022

CHECK LIST SERIAL NUMBER:-17

"SCHEME FOR C.A."

Name of the Forest/Reach to be diverted:-

Ambala – Construction of 6-lane access-controlled Highway from Shamli to Ambala

Forest Area = **2.2099 Ha.**

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

Division **Ambala** District **Ambala**

Tehsil **Saha** Range **Saha**

C.A. Site name : **Kheragani Sec 4 & 5**

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:- -NIL-

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:

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 :

2. 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. 347.08/- per day as under:-

Year	Rate per Plant
1st Year cost of afforestation	Rs. 381.97/- Per Plant
2nd Year maintenance	Rs. 122.7/- Per Plant
3rd Year maintenance	Rs. 44.55/- Per Plant
4th Year maintenance	Rs. 16.57/- Per Plant
5th Year maintenance	Rs. 16.57/- Per Plant
6th Year maintenance	Rs. 16.57/- Per Plant
7th Year maintenance	Rs. 16.57/- Per Plant
8th Year maintenance	Rs. 16.57/- Per Plant
9th Year maintenance	Rs. 16.57/- Per Plant
10th Year maintenance	Rs. 16.57/- Per Plant
Total	**Rs. 665.22/-**

Area to be Diverted = 2.2099 Ha.
No. of trees to be felled= 540
Plants to be damaged= 89
Plants to be planted = 4596
Area to be Planted = 4.596 (@ 1000 plant per ha.)
Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)=178 Plants

S.No	Description		Rate	Total Amount (Rs.)
A	Compensatory Afforestation Charges	No. of Plants		
	(1) 1st Year cost of afforestation	4418	Rs. 381.97/- Per Plant	1687543
	(2) 2nd Year maintenance		Rs. 122.7/- Per Plant	542089
	(3) 3rd Year maintenance		Rs. 44.55/- Per Plant	196822
	(4) 4th Year maintenance		Rs. 16.57/- Per Plant	73206
	(5) 5th Year maintenance		Rs. 16.57/- Per Plant	73206
	(6) 6th Year maintenance		Rs. 16.57/- Per Plant	73206
	(7) 7th Year maintenance		Rs. 16.57/- Per Plant	73206
	(8) 8th Year maintenance		Rs. 16.57/- Per Plant	73206
	(9) 9th Year maintenance		Rs. 16.57/- Per Plant	73206
	(10) 10th Year maintenance		Rs. 16.57/- Per Plant	73206
	(11) Barbed wire fencing charge=1.45 RKM		Rs.200000/-Per RKM	290000
	Total Charges			**3228898**
	Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	322890
	Total (A) C.A. Charges			**3551788**
B	**Additional Compensatory Afforestation Charges**			
	(1) 1st Year cost of afforestation	178	Rs. 381.97/- Per Plant	67991
	(2) 2nd Year maintenance		Rs. 122.7/- Per Plant	21841
	(3) 3rd Year maintenance		Rs. 44.55/- Per Plant	7930
	(4) 4th Year maintenance		Rs. 16.57/- Per Plant	2949
	(5) 5th Year maintenance		Rs. 16.57/- Per Plant	2949
	(6) 6th Year maintenance		Rs. 16.57/- Per Plant	2949
	(7) 7th Year maintenance		Rs. 16.57/- Per Plant	2949

	(8) 8th Year maintenance		Rs. 16.57/- Per Plant	2949
	(9) 9th Year maintenance		Rs. 16.57/- Per Plant	2949
	(10) 10th Year maintenance		Rs. 16.57/- Per Plant	2949
	(11)Barbed wire fencing charge=0.060 RKM		Rs.200000/-Per RKM	12000
	Total (B) Addl. C.A Charges			**130407**
C	Safety Zone (if required)			
D	**Additional Charges (if required)**			
	.....			0
	.....			0
	Total (E)			0
E	Felling charges = 325.73m3		Rs.1200 /- per m^3	390875
F	Plantation Damage Charges 89			0
	GRAND TOTAL (A+B+C+D+E+F+G)			4073070

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

a) General Details:- NIL
b) Spacement:- 4 × 2½ meter
c) Species:- Jamun, Neem, Pipal, Shisham, Bhera, Arjun, Belpathar, Aanwla.
d) Plantation Method :- ..... Plantation
e) Soil and Moisture Conservation Works
f) Protection (Fencing, Watch man, People's Participation etc.):- **Fencing**
g) Proposed Monitoring Mechanism:- **(M&E),**
h) Any Other information:- Nil.

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

Date:- 17-4-2023
Place:-Ambala

Divisional Forest Officer
Ambala Forest Division
Office Seal: Ambala