

Full Title of the Project: Diversion of 0.56 Ha. of forest land for Work of Construction of Parallel Bridge including approaches on Tangri River at Km. 14.500 on NH-72 (New NH-344) Ambala-Kala Amb Road in the State of Haryana.

File No.:.....

Date of Proposal:.....

CHECK LIST SERIOL: NUMBER -17
“SCHEME FOR COMPENSATORY AFFORESTATION”

Detailed scheme for compensatory afforestation in lieu of **0.56 Ha.** of Forest area to be diverted: for **Work of Construction of Parallel Bridge including approaches on Tangri River at Km. 14.500 on NH-72 (New NH-344) Ambala-Kala Amb Road in the State of Haryana.**

1. Detail of Degraded Forest Land/ Non –Forest land:-

District:- **Ambala** Village:- - Tehsil:- **Naraingarh**

Name of the Forest Division: **Ambala Forest Division** Range: **Naraingarh**

Block/Compartment/Survey No.: **Manglor R.F** Area to be afforested :- **1180 No. Tall Plants (4.72 RKM)** Area to be planted

2. Description of the Area:-

- i. Whether the site selected for Compensatory Afforestation is a land bank or not:- **No, the site selected for compensatory Afforestation is not a land bank.**
- ii. If the Compensatory Afforestation site is other then the land bank, reason to be given:- **_**
- iii. In case of non- forest area identified for C.A., then what is the distance of C.A. site from the adjoining forest boundary:- **C.A. will be carried out in Protected forest Area.**
- iv. Soil Type:- **good**
- v. Topography:-
 - a. Hilly/undulating/Plain:- **Plain**
 - b. Slope:- Steep/Medium/Gentle:- **Gentle**
- vi. Whether the area is bearing any root stock of vegetation:- **No**

3. Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up the enclosed.

4. 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 4mx4m spacing and 250 plants per Rkm and it is approved by the PCCF, Haryana's letter No. D-X-66- /1605-25 dated 6-6-2012 at the wage rate of Rs. 190/- per day as under :-

Sr. No.	Description Rate	Rate (in Rs.)	Per
1	(1) 1st Year Cost of Afforestation	124	Per Plants
2	(2) 2nd Year Maintenance	43	Per Plants
3	(3) 3rd Year Maintenance	19	Per Plants
4	(4) 4th Year Maintenance	13	Per Plants
5	(5) 5th Year Maintenance	13	Per Plants
6	(6) 6th Year Maintenance	11	Per Plants
7	(7) 7th Year Maintenance	11	Per Plants
	Total	234/-	

COMPENSATORY AFFORESTATION SCHEME (Tall Plants)				
Compensatory Afforestation Scheme in Case of Diversion of 0.56 Ha. of forest land for Work of Construction of Parallel Bridge including approaches on Tangri River at Km. 14.500 on NH-72 (New NH-344) Ambala-Kala Amb Road in the State of Haryana.				
Area to be Diverted for Non Forestry Purpose			5600.000	S.Mtr.
		or say	0.5600	Hectare
Compensatory afforestation to be done			1.1200	Hectare
A) In this case trees to be felled and their volume			118	tree
			77.31	volume
Therefore no. of plants to be planted	118	10	1180	Plants
A) Total plants to be planted			1180	Plants
(B) No. of Plants to be damaged			330	Plants
(B) Total Plants to be damaged			330	Plants
C) In this case area to be diverted more than 1 ha. therefore no. of plants to be planted (As per PCCF letter no. D-III-10-66-C/2855-58 dt. 27-6-08	1.120	1000	1120	Plants
(C) Total plants to be planted			1120	Plants
Therefore No. of plants to be planted under CA (Maximum of a, b or c)			1180	Plants
or say			1180	Plants
In this case plantation to be done in RKM	1180	250	4.72	Rkm

Norms were fixed by P.C.C.F. Haryana vide his office letter No. D-X-66/1605-25 dt. 6-6-2012 for Compensatory Afforestation at wage rate Rs. 190 per day (In Tall 250 Plants). Therefore Calculation has been made @ 190.00 per day for Compensatory afforestation plantation & Maintenance.

Sr. No.	Description	Rate (in Rs.)	Per	Total Amount		
(A)	Net Present value of Forest Land to be diverted	887000	Per ha.	496720		
(B)	Compensatory Afforestation Charges					
	(1) 1st Year Cost of Afforestation	124	Per Plants	146320		
	(2) 2nd Year Maintenance	43	Per Plants	50740		
	(3) 3rd Year Maintenance	19	Per Plants	22420		
	(4) 4th Year Maintenance	13	Per Plants	15340		
	(5) 5th Year Maintenance	13	Per Plants	15340		
	(6) 6th Year Maintenance	11	Per Plants	12980		
	(7) 7th Year Maintenance	11	Per Plants	12980		
	(8) Barbed wire fencing charges	4.72	65000	Per Rkm.	306800	
	Total CA Charges (B above)			582920	CA	641212
(C)	Supervisory / Overhead / Miscellaneous Charges		10% on the total CA charges	58292	NPV	496720
	Total CA Charges (B+C)			641212		
(D)	1) Felling charges Volume in M3	77.31	720	Per M3	55663	Vol. & others
(E)	2) Plantation damage charges	330	200	Per Plants	66000	Total
(F)	Any Other Charges (if necessary)					
	Grand Total (A+B+C+D+E+F) [to be deposited in CAMPA fund]				1259595	

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 **Manglor R.F Area 4.72 RKM**
- b) Spacing:- 4x4 mtr. 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:- Ambala
Date:- 10/07/15

Hei.
Divisional Forest Officer,
Ambala Forest Division,
Ambala, Ambala.