

Full Title of the Project: Diversion of 0.89 Ha. of Forest land for construction of ROB and its approaches parallel to existing ROB in lieu of level crossing at Km. 1.8 on NH-65 (New-152) at Ambala in State of Haryana.

File No.:

Date of Proposal:

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

Detailed scheme for compensatory afforestation in lieu of 0.89 ha. of Forest area to be diverted: for **Diversion of 0.89 Ha. of Forest land for construction of ROB and its approaches parallel to existing ROB in lieu of level crossing at Km. 1.8 on NH-65 (New-152) at Ambala in State of Haryana.**

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

District:- Ambala Village: Ambala Tehsil:- Ambala

Name of the Forest Division: **Ambala Forest Division, Ambala**

Range: Ambala

Block/Compartment/Survey No.: Barri Rasour P.F Area to be afforested :- 1780 No. Tall

Plants (7.12 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 4mx2½m spacing at the wage rate of Rs. 224/- per day as under :-

Sr. No.	Description	Rate	Rate (in Rs.)	Per
1	(1) 1st Year Cost of afforestation		172	Per Plants
2	(2) 2nd Year Maintenance		63	Per Plants
3	(3) 3rd Year Maintenance		32	Per Plants
4	(4) 4th Year Maintenance		25	Per Plants
5	(5) 5th Year Maintenance		26	Per Plants
6	(6) 6th Year Maintenance		15	Per Plants
7	(7) 7th Year Maintenance		8	Per Plants
8	(8) 8th Year Maintenance		9	Per Plants
9	(9) 9th Year Maintenance		10	Per Plants
10	(10) 10th Year Maintenance		11	Per Plants
	Total		372/-	

COMPENSATORY AFFORESTATION SCHEME (Tall Plants)

Compensatory Afforestation Scheme in Case of Diversion of 0.89 Ha. of Forest land for construction of ROB and its approaches parallel to existing ROB in lieu of level crossing at Km. 1.8 on NH-65 (New-152) at Ambala in State of Haryana.

Area to be Diverted for Non Forestry Purpose			8900.000	S.Mtr.
		or say	0.8900	Hectare
Compensatory afforestation to be done			1.7800	Hectare
A) In this case trees to be felled and their volume			14	tree
			4.25	volume
Therefore no. of plants to be planted	14	10	140	Plants
A) Total plants to be planted			140	Plants
(B) No. of Plants to be damaged			0	Plants
(B) Total Plants to be damaged			0	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)	1.780	1000	1780	Plants
(C) Total plants to be planted			1780	Plants
Therefore No. of plants to be planted under CA (Maximum of a, b or c)			1780	Plants
or say			1780	Plants
In this case plantation to be done in RKM	1780	250	7.12	Rkm

Sr. No.	Description Rate		Rate (in Rs.)	Per	Total Amount
(A)	Compensatory Afforestation Charges .	No. of Plants			
	(1) 1st Year Cost of Afforestation	1780	172	Per Plants	306160
	(2) 2nd Year Maintenance		63	Per Plants	112140
	(3) 3rd Year Maintenance		32	Per Plants	56960
	(4) 4th Year Maintenance		25	Per Plants	44500
	(5) 5th Year Maintenance		26	Per Plants	46280
	(6) 6th Year Maintenance		15	Per Plants	26700
	(7) 7th Year Maintenance		8	Per Plants	14240
	(8) 8th Year Maintenance		9	Per Plants	16020
	(9) 9th Year Maintenance		10	Per Plants	17800
	(10) 10th Year Maintenance		11	Per Plants	19580
	(11) Barbed wire fencing charges	7.12	76700	Per Rkm.	546104
	Total CA Charges (A above)				1206484
	Supervisory/ Overhead/ Miscellaneous charges		10% on the total CA charges		120648
	Sub Total (A) CA Charges				1327132
(B)	Additional Compensatory Afforestation Charges				
	(1) 1st Year Cost of Afforestation	0	172	Per Plants	0
	(2) 2nd Year Maintenance		63	Per Plants	0
	(3) 3rd Year Maintenance		32	Per Plants	0
	(4) 4th Year Maintenance		25	Per Plants	0
	(5) 5th Year Maintenance		26	Per Plants	0
	(6) 6th Year Maintenance		15	Per Plants	0
	(7) 7th Year Maintenance		8	Per Plants	0
	(8) 8th Year Maintenance		9	Per Plants	0
	(9) 9th Year Maintenance		10	Per Plants	0
	(10) 10th Year Maintenance		11	Per Plants	0
	(11) Barbed wire fencing charges	0.000	76700	Per Rkm.	0
	Sub Total (B) CA Charges				0
(C)	Penal C.A				0
(D)	Catchment Area Treatment				
	Soil and Moisture Conservation		30% of the Total CA		398140
	Sub Total (D)				398140
(E)	Safety Zone				0
(F)	Additional Charges				0
	Sub Total (F)				0
(G)	Net Present value of Forest Land to be diverted		887000	Per ha.	789430
(H)	Felling charges Volume in M3	4.25	1200	Per M3	5100
(I)	Plantation damage charges	0	0	Per Plants	0
	Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA fund				2519802

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

Barri Rasour P.F Area 7.12 RKM

- b) Spacing:- 4m x 2½m
 c) Species:- Neem, Bakain, Papri etc.
 d) Plantation method:- Tall Plantation
 e) Soil and Moisture Conservation work:-
 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:- 30-6-2016

Divisional Forest Officer,
Ambala Forest Division,
 Ambala **Ambala.**