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Full Title of the Project: Diversion of 0.382 Ha. of Forest Land for widening of MSN Road to Jagouli Road Km. 0.00 to 6.270, Village Road in Distt. Ambala under Forest Division, Ambala, Haryana.

Online Proposal No.: FP/HR/ROAD/33159/2018

Date of Proposal : 16.04.2018

CHECK LIST SERIAL NUMBER:-17

"SCHEME FOR C.A."

Name of the Forest/Reach to be diverted:

MSN Road to Jagouli Road Km. 0.00 to 6.270, Village Road in Distt. Ambala

Forest Area = **0.382 ha.**

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

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

Tehsil **Ambala** Range **Ambala**

C.A. Site name : **Segta Sec. 4-5**

Area to be Afforested :-

- a) Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No): **Yes**
- 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 ;

1. 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. 224/- per day as under:-

Year	Rate per Plant
1 st Year cost of afforestation	Rs. 172/- Per Plant
2 nd Year maintenance	Rs. 63/- Per Plant
3 rd Year maintenance	Rs. 32/- Per Plant
4 th Year maintenance	Rs. 25/- Per Plant
5 th Year maintenance	Rs. 26/- Per Plant
6 th Year maintenance	Rs. 15/- Per Plant
7 th Year maintenance	Rs. 8/- Per Plant
8 th Year maintenance	Rs. 9/- Per Plant
9 th Year maintenance	Rs. 10/- Per Plant
10 th Year maintenance	Rs. 11/- Per Plant
Total	Rs. 372/-

Area to be Diverted = 0.382 ha.

No. of trees to be felled= 205

Plants to be damaged= 600

Plants to be planted = 3250

Area to be Planted = 3.250 (@ 1000 plant per ha.)

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)= 1200 Plants

S.No	Description	Rate	Total Amount (Rs.)
A	Compensatory Afforestation Charges	No. of Plants	
(1)	1 st Year cost of afforestation	2050	Rs. 172/- Per Plant
(2)	2 nd Year maintenance		Rs. 63/- Per Plant
(3)	3 rd Year maintenance		Rs. 32/- Per Plant
(4)	4 th Year maintenance		Rs. 25/- Per Plant
(5)	5 th Year maintenance		Rs. 26/- Per Plant
(6)	6 th Year maintenance		Rs. 15/- Per Plant
(7)	7 th Year maintenance		Rs. 8/- Per Plant
(8)	8 th Year maintenance		Rs. 9/- Per Plant
(9)	9 th Year maintenance		Rs. 10/- Per Plant
(10)	10 th Year maintenance		Rs. 11/- Per Plant
(11)	Barbed wire fencing charge=8.20 RKM		Rs.76700/-Per RKM
	Total Charges		628940
	Supervisory / Overhead / Miscellaneous Charges	10% on the CA charges	138949
	Total (A) C.A. Charges		1528439

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B	Additional Compensatory Afforestation Charges			
(1)	1 st Year cost of afforestation	1200	Rs. 172/- Per Plant	206400
(2)	2 nd Year maintenance		Rs. 63/- Per Plant	75600
(3)	3 rd Year maintenance		Rs. 32/- Per Plant	38400
(4)	4 th Year maintenance		Rs. 25/- Per Plant	30000
(5)	5 th Year maintenance		Rs. 26/- Per Plant	31200
(6)	6 th Year maintenance		Rs. 15/- Per Plant	18000
(7)	7 th Year maintenance		Rs. 8/- Per Plant	9600
(8)	8 th Year maintenance		Rs. 9/- Per Plant	10800
(9)	9 th Year maintenance		Rs. 10/- Per Plant	12000
(10)	10 th Year maintenance		Rs. 11/- Per Plant	13200
(11)	Barbed wire fencing charge=4.800 RKM		Rs.76700/-Per RKM	368160
	Total (B) Addl. C.A Charges			813360
C	Catchment Area Treatment (if required)			
	Soil and Moisture Conservation charges		30% of the Total CA	458532
	Total (C)			458532
D	Safety Zone (if required)			
E	Additional Charges (if required)			
			0
			0
	Total (E)			0
F	Net Present Value of Forest Land to be diverted		Rs. 887000/-per ha.	338834
G	Felling charges = 52.46 m ³		Rs.1000 /- per m ³	52460
	GRAND TOTAL (A+B+C+D+E+F+G)			3191625

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:- **NIL**
- Spacing:- **4 × 2½ meter**
- Species:-
- Plantation Method :- Plantation
- Soil and Moisture Conservation Works
- Protection (Fencing, Watch man, People's Participation etc.):- **Fencing**
- Proposed Monitoring Mechanism:- **(M&E),**
- Any Other information:- Nil.

Place: *Ambala*
Dated: *19-6-2018*

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

Place: Ambala


Divisional Forest Officer,
 (Divisional Forest Officer)
Ambala Forest Division,
 Office **Ambala**