

Full Title of the Project: Diversion of 1.4785 ha. forest land for construction of 4 lanning of H.T.B. road within M.C. limit Bhiwani from km. 83.03 to 84.09 under forest Division Bhiwani

File No. : FCA FP/HR/Road/41504/2019

Date of Submission:

CHECK LIST SERIAL NUMBER:-18

"SCHEME FOR C.A."

Name of the Forest/Reach to be diverted: Bhiwani-Tosham road

Diversion of forest land for4-lanning.....

Forest Area =1.4785..... ha.

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

Division ...Bhiwani..... District ..Bhiwani.....

Tehsil Range Loharu.....Gokulpura Mr. from RD 0 to 24 L&R & Mithi Disty.RD 0-24 L&R

Area to be Afforested :- 2.95 ha.

- 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:-
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: ...Sandy
- 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. 326.82 per day as under:-

Year	Rate per Plant
1 st Year cost of afforestation	Rs. 359.10 Per Plant
2 nd Year maintenance	Rs. 115.35 Per Plant
3 rd Year maintenance	Rs. 41.89 Per Plant
4 th Year maintenance	Rs. 15.58 Per Plant
5 th Year maintenance	Rs. 15.58 Per Plant
6 th Year maintenance	Rs. 15.58 Per Plant
7 th Year maintenance	Rs. 15.58 Per Plant
8 th Year maintenance	Rs. 15.58 Per Plant
9 th Year maintenance	Rs. 15.58 Per Plant
10 th Year maintenance	Rs. 15.58 Per Plant
Total	Rs. 625.40

Area to be Diverted : 1.4785 ha.

No. of Trees to be felled : 65 nos.

No. of Plants to be damaged : Nil.

Area to be planted under normal CA : $1.4785 \times 2 = 2.95$ (Ten times/ Double the area to be diverted)

Plants to be Planted under normal CA : 2.95 (@ 1000 plants per ha.)

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

Area to planted under Addl. CA : 0 (@ 1000 plants per ha.)

Total No. of plants to be planted (CA+Addl.CA) : 2.95 ha.

Total Area to be planted (CA+Addl.CA) : 2.95 ha. (@ 1000 plants per ha.)

S.No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plants		
	(1) 1 st Year cost of afforestation	2957 nos.	Rs. 359.10/- Per Plant	1061858
	(2) 2 nd Year maintenance		Rs. 115.35/- Per Plant	341089
	(3) 3 rd Year maintenance		Rs. 41.89/- Per Plant	123868
	(4) 4 th Year maintenance		Rs. 15.58/- Per Plant	46070
	(5) 5 th Year maintenance		Rs. 15.58/- Per Plant	46070
	(6) 6 th Year maintenance		Rs. 15.58/- Per Plant	46070
	(7) 7 th Year maintenance		Rs. 15.58/- Per Plant	46070
	(8) 8 th Year maintenance		Rs. 15.58/- Per Plant	46070
	(9) 9 th Year maintenance		Rs. 15.58/- Per Plant	46070
	(10) 10 th Year maintenance		Rs. 15.58/- Per Plant	46070
	(11) Barbed wire fencing charge=11.82 RKM Both side $2 \times 11.82 = 23.64$ RKM		Rs.172500/- Per RKM	4077900
	Total Charges			5927205
	Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	592720
	Sub Total (A) Total C.A. Charges			6519925
B	Additional Compensatory Afforestation Charges			
	(1) 1 st Year cost of afforestation	0	Rs. 359.10/- Per Plant	
	(2) 2 nd Year maintenance		Rs. 115.35/- Per Plant	
	(3) 3 rd Year maintenance		Rs. 41.89/- Per Plant	
	(4) 4 th Year maintenance		Rs. 15.58/- Per Plant	

	(5) 5 th Year maintenance		Rs. 15.58/- Per Plant	
	(6) 6 th Year maintenance		Rs. 15.58/- Per Plant	
	(7) 7 th Year maintenance		Rs. 15.58/- Per Plant	
	(8) 8 th Year maintenance		Rs. 15.58/- Per Plant	
	(9) 9 th Year maintenance		Rs. 15.58/- Per Plant	
	(10) 10 th Year maintenance		Rs. 15.58/- Per Plant	
	(11) Barbed wire fencing charge=		Rs.172500/- Per RKM	
	Sub Total (B) Total Addl. C.A. Charges			
C	Penal C.A.			
D	Catchment Area Treatment			
	Soil and Moisture Conservation charges	30% of the Total CA		1955977
	Sub Total (D)			
E	Safety Zone			
F	Additional Charges			
			
			
	Sub Total (F)			
G	Net Present Value of Forest Land to be diverted = 1.4785ha.	Rs. 887000/- per ha.		1311430
H	Felling charges = 51.10m ³	Rs.1200 /- per m ³		61320
	GRAND TOTAL (A+B+D+E+F+G+H+I) to be deposited in CAMPA Fund			9848652

2.

Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details:- Plantation will be done with 3 strand barbed wire.
- b) Spacement:- 4 x 2½ meter
- c) Species:- Sisham, Jamun, Siras, Lashura, Bakin, P.Papri
- d) Plantation Method :- Tall Plant..... 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.


 Dy. Conservator of Forests,
 Divisional Forest Officer
 BHIWANI FOREST DIVISION
 BHIWANI