

Full Title of the Project: Diversion of 0.1785 ha. forest land for access of permission for transportation of mining area at village Khanak, under Forest Division Bhiwani.
 File No. : FCA/S/ FP/HR/Approach/146575/2021.
 Date of Submission: 30.08.2021.

CHECK LIST SERIAL NUMBER:-18

"SCHEME FOR C.A."

Name of the Forest/Reach to be diverted - Forest land for access of permission for transportation of mining area at village Khanak, under Forest Division Bhiwani.
 Forest Area = 0.1785 ha.

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

Division: Bhiwani District: Bhiwani

Area to be Afforested :- 0.357 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: Good
 - ii) Topography a. Hilly/Undulating/Plain: Plain
 b. Slope:-Steep/Medium/Gentle: Gentle
 - iii) Whether the area is bearing any root stock of vegetation:- No

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. 382 per day as under:-

Year	Rate per Plant
1 st Year cost of afforestation	Rs. 400 Per Plant
2 nd Year maintenance	Rs. 98 Per Plant
3 rd Year maintenance	Rs. 61 Per Plant
4 th Year maintenance	Rs. 25 Per Plant
5 th Year maintenance	Rs. 27 Per Plant
6 th Year maintenance	Rs. 30 Per Plant
7 th Year maintenance	Rs. 33 Per Plant
8 th Year maintenance	Rs. 36 Per Plant
9 th Year maintenance	Rs. 40 Per Plant
10 th Year maintenance	Rs. 44 Per Plant
Total	Rs.794

Area to be Diverted : 0.1785 ha.

No. of Trees to be felled : 00

No. of Plants to be damaged : 00.

Area to be planted under normal CA : 0.357 (Double the area to be diverted)

Plants to be Planted under normal CA : 357 nos. (@ 1000 plants per ha.)

Additional C.A. : 0 ha. in lieu of plants to be damaged (Double the plants to be damaged)= 0 Plants

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

Total No. of plants to be planted (CA) 357

Total Area to be planted (CA+Addl.CA) : 0.357 ha. (@ 1000 plants per ha.)

	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	Compensatory afforestation Charges	No. of Plants		
	(1) 1 st Year cost of afforestation	357	Rs. 400/- Per Plant	142800
	(2) 2 nd Year maintenance		Rs. 98/- Per Plant	34986
	(3) 3 rd Year maintenance		Rs. 61/- Per Plant	21777
	(4) 4 th Year maintenance		Rs. 25/- Per Plant	8925
	(5) 5 th Year maintenance		Rs. 27/- Per Plant	9639
	(6) 6 th Year maintenance		Rs. 30/- Per Plant	10710
	(7) 7 th Year maintenance		Rs. 33/- Per Plant	11781
	(8) 8 th Year maintenance		Rs. 36/- Per Plant	12852
	(9) 9 th Year maintenance		Rs. 40/- Per Plant	14280
	(10) 10 th Year maintenance		Rs. 44/- Per Plant	15708
	Total Charges			283458
	Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	28346
	Sub Total (A) Total C.A. Charges			311804
B	Additional Compensatory Afforestation Charges			
	(1) 1 st Year cost of afforestation	0	Rs. 400/- Per Plant	0
	(2) 2 nd Year maintenance		Rs. 98/- Per Plant	0
	(3) 3 rd Year maintenance		Rs. 61/- Per Plant	0
	(4) 4 th Year maintenance		Rs. 25/- Per Plant	0
	(5) 5 th Year maintenance		Rs. 27/- Per Plant	0
	(6) 6 th Year maintenance		Rs. 30/- Per Plant	0
	(7) 7 th Year maintenance		Rs. 33/- Per Plant	0
	(8) 8 th Year maintenance		Rs. 36/- Per Plant	0
	(9) 9 th Year maintenance		Rs. 40/- Per Plant	0

	(10) 10 th Year maintenance	Rs. 44/- Per Plant	0
	Sub Total (H) Total Add (H) A + L + D		0
C	Forest A		311804
	Total		
D	Catchment Area Treatment		85038
	Soil and Moisture Conservation charges	30% of the Total CA	6500000
	Boundry Wall of Khanak Unclassed Forest Land for Protection of Plantation		0
	Sub Total (D)		0
E	Safety Zone		0
F	Additional Charges		0
		0
	Sub Total (F)		0
G	Rs.1400 /- per m ²	0
H	Plantation damage charges = 0 Plants	Rs. 236/- per plant	0
	GRAND TOTAL (A+B+C+D+E+F+G+H+I) to be deposited in CAMPA Fund		6896482

2. Technical details:-

- Technical details of Compensatory Afforestation Scheme are as follows:-
- General Details:- Plantation will be done with 3 strand barbed wire.
 - Spacement:- 4 x 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.

Date:

Place Bhiwani

V. K. Singh
 Divisional Forest Officer,
 Bhiwani BHIWANI