

Full Title of the Project: Diversion of 0.0123 ha. forest land access for Construction of approach road for C.D. Goyal Foundaton of Bhiwani –Loharu road (NH-709 E), Km 127-128 L/Side at Village Devsar, under Forest Division Bhiwani.

File No. : FCA/S/ FP/HR/Approach /44782/2020.

Date of Submission: 03.03.2020

CHECK LIST SERIAL NUMBER:-18

"SCHEME FOR C.A."

Name of the Forest/Reach to be diverted : Bhiwani –Loharu road (NH-709 E), Km 127-128 L/Side at Village Devsar

Forest Area = 0.0123 ha.

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

Division: District :

Area to be Afforested :- 0.1 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. 326.82 per day as under:-

Year	Rate per Plant
1 st Year cost of afforestation	Rs. 381.30 Per Plant
2 nd Year maintenance	Rs. 122.50 Per Plant
3 rd Year maintenance	Rs. 44.50 Per Plant
4 th Year maintenance	Rs. 16.54 Per Plant
5 th Year maintenance	Rs. 16.54 Per Plant
6 th Year maintenance	Rs. 16.54 Per Plant
7 th Year maintenance	Rs. 16.54 Per Plant
8 th Year maintenance	Rs. 16.54 Per Plant
9 th Year maintenance	Rs. 16.54 Per Plant
10 th Year maintenance	Rs. 16.54 Per Plant
Total	Rs.664.04

Area to be Diverted : 0.0123 ha.

No. of Trees to be felled : Nil

No. of Plants to be damaged : Nil.

Area to be planted under normal CA : 0.1 ha. (Double the area to be diverted)

Plants to be Planted under normal CA : 100 nos. (@ 1000 plants per ha.)

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)= 00 Plants

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

Total No. of plants to be planted (CA) 100

Total Area to be planted (CA+Addl.CA) : 0.1 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	100	Rs. 381.30/- Per Plant	38130
	(2) 2 nd Year maintenance		Rs. 122.50/- Per Plant	12250
	(3) 3 rd Year maintenance		Rs. 44.50/- Per Plant	4450
	(4) 4 th Year maintenance		Rs. 16.54/- Per Plant	1654
	(5) 5 th Year maintenance		Rs. 16.54/- Per Plant	1654
	(6) 6 th Year maintenance		Rs. 16.54/- Per Plant	1654
	(7) 7 th Year maintenance		Rs. 16.54/- Per Plant	1654
	(8) 8 th Year maintenance		Rs. 16.54/- Per Plant	1654
	(9) 9 th Year maintenance		Rs. 16.54/- Per Plant	1654
	(10) 10 th Year maintenance		Rs. 16.54/- Per Plant	1654
	(11) Barbed wire fencing charge= $100/250=0.40$ Both sides = $0.40 \times 2 = 0.80$ RKM		Rs.200000/- Per RKM	160000
	Total Charges			226408
	Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	22641
	Sub Total (A) Total C.A. Charges			249049
B	Additional Compensatory Afforestation Charges			
	(1) 1 st Year cost of afforestation	00	Rs. 381.30/- Per Plant	0
	(2) 2 nd Year maintenance		Rs. 122.50/- Per Plant	0
	(3) 3 rd Year maintenance		Rs. 44.50/- Per Plant	0
	(4) 4 th Year maintenance		Rs. 16.54/- Per Plant	0
	(5) 5 th Year maintenance		Rs. 16.54/- Per Plant	0

	(6) 6 th Year maintenance	Rs. 16.54/- Per Plant	0
	(7) 7 th Year maintenance	Rs. 16.54/- Per Plant	0
	(8) 8 th Year maintenance	Rs. 16.54/- Per Plant	0
	(9) 9 th Year maintenance	Rs. 16.54/- Per Plant	0
	(10) 10 th Year maintenance	Rs. 16.54/- Per Plant	0
	(11) Barbed wire fencing charge= 0/250=0 Both sides = 0X 2 = 0 RKM	Rs.200000/- Per RKM	0
	Sub Total (B) Total Addl. C.A. Charges		0
C	Penal C.A.		-
D	Catchment Area Treatment		
	Soil and Moisture Conservation charges	30% of the Total CA	74715
	Sub Total (D)		0
E	Safety Zone		0
F	Additional Charges		
		0
		0
	Sub Total (F)		0
G	Net Present Value of Forest Land to be diverted = 0.0123 ha.	Rs. 887000/- per ha.	10911
H	Felling charges = 0 m ³	Rs.1200 /- per m ³	0
I	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		334675

2. **Technical details:-**

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

- a) General Details:-
- b) Spacement:- 4 x 2½ meter
- c) Species:-
- d) Plantation Method :- 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.

Date:
 Place Bhiwani

Suresh
 Divisional Forest Officer
 Deputy Conservator of Forest,
 Bhiwani Forest Division,
 Bhiwani