

Full Title of the Project : Diversion of 1.46 ha. of forest land for Widening & Strengthening of Assandh Bye-Pass RD 0.00 to 1.540 Tehsil Assandh under Forest Division & Distt. Karnal (Haryana).

File No. : FP/HR/ROAD/33682/2018

Date of Proposal : 17.05.2018

CHECK LIST SERIAL NUMBER: 18
“SCHEME FOR COMPENSATORY AFFORESTATION”

Name of the Forest/Reach to be diverted: Diversion of 1.46 ha. of forest land for Widening & Strengthening of Assandh Bye-Pass RD 0.00 to 1.540 Tehsil Assandh under Forest Division & Distt. Karnal (Haryana).

Forest Area = 1.46 Hect.

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

Division :- **Sirsa** District :- **Sirsa**

C.A. Site name : **SGC Minor RD 60-84 L/R**

- a) Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No):-
No, the site selected for compensatory Afforestation is not a land bank.
- b) If the CA site is other than the land bank, reasons be given:- **There is no land available in the land bank in Karnal and Sirsa. Plantation will be carried out in protected forest area.**
- c) In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary :- **C.A. will be carried out in protected forest Area.**
 - i) Soil type: **Sandy Loam**
 - 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. 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 :- 1.46 ha.

No. of trees to be felled :- NIL

Plants to be damaged:- ..Nil..

Plants to be planted (Ten time of the trees to be felled):-NA

Area to be Planted = Double area 1.46 hect.x2 @ 1000 plant per ha.= 2920 TP

Minimum Plants to be Planted: - 2920 No.

RKM 2920/250 =11.68 RKM

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged) :-..NIL..

Sr. No.	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plants		
(1)	1 st Year cost of afforestation	2920	Rs. 359/- Per Plant	1048280
(2)	2 nd Year maintenance	Plants	Rs. 115/- Per Plant	335800
(3)	3 rd Year maintenance		Rs. 42/- Per Plant	122640
(4)	4 th Year maintenance		Rs. 16/- Per Plant	46720
(5)	5 th Year maintenance		Rs. 16/- Per Plant	46720
(6)	6 th Year maintenance		Rs. 16/- Per Plant	46720
(7)	7 th Year maintenance		Rs. 16/- Per Plant	46720
(8)	8 th Year maintenance		Rs. 16/- Per Plant	46720
(9)	9 th Year maintenance		Rs. 16/- Per Plant	46720
(10)	10 th Year maintenance		Rs. 16/- Per Plant	46720

	(11) Barbed wire fencing charge= 11.68 RKM	Rs.76700/- Per RKM	895856	
	Total Charges		2729616	
	Supervisory / Overhead / Miscellaneous Charges	10% on the CA charges	272962	
	Sub Total (A) Total C.A. Charges		3002578	
B	Additional Compensatory Afforestation Charges plants			
	(1) 1 st Year cost of afforestation	..NiL..	Rs. 359/- Per Plant	0
	(2) 2 nd Year maintenance		Rs. 115/- Per Plant	0
	(3) 3 rd Year maintenance		Rs. 42/- Per Plant	0
	(4) 4 th Year maintenance		Rs. 16/- Per Plant	0
	(5) 5 th Year maintenance		Rs. 16/- Per Plant	0
	(6) 6 th Year maintenance		Rs. 16/- Per Plant	0
	(7) 7 th Year maintenance		Rs. 16/- Per Plant	0
	(8) 8 th Year maintenance		Rs. 16/- Per Plant	0
	(9) 9 th Year maintenance		Rs. 16/- Per Plant	0
	(10) 10 th Year maintenance		Rs. 16/- Per Plant	0
	Barbed wire fencing charge= .NiL..	Rs.76700/- Per RKM	0	
	Sub Total (B) Total Addl. C.A. Charges		0	
C	Penal C.A.	-	NA	
D	Catchment Area Treatment			
	Soil and Moisture Conservation charges	30% of the Total CA	900773	
	Sub Total (D)		900773	
E	Safety Zone		NA	
F	Additional Charges			
		0	
		0	
	Sub Total (F)		0	
G	Net Present Value of Forest Land to be diverted 1.46Hect.	Rs. 887000/- per ha.	1295020	
H	Felling charges =NIL	Rs.1200 /- per m ³	0	
I	Plantation damage charges = ..NiL..	Rs. 236/- per plant	0	
	GRAND TOTAL (A+B+C+D+E+F+G+H+I) to be deposited in CAMPA Fund		5198371	

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) **General Detail :-** Compensatory Afforestation will carried out along With, **SGC Minor RD 60-84 L/R**
- b) Spacing:- 4x4mtr a Part
- c) Species:- Neem & Shisham, Jamun/Jamoa etc.
- d) Plantation method :- Tall Plantation
- e) Soil and Moisture Conservation Works :- -Nil-
- 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:- Karnal


Divisional Forest Officer
Karnal Forest Division
Karnal
KARNAL

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