

Title of the Project : Diversion of 0.0122 hec. of forest land only for access to Suryavanshi Veshno Dhaba, on Delhi-Ambala road, NH-44(Old NH-1), at Km 104.040(LHS), at Village Malikpur, Tehsil Gharaunda, Distt. Karnal, Haryana.
 Proposal FP/HR/APPROACH/50411/2020.

CHECK LIST SERIAL NUMBER: 18

"SCHEME FOR COMPENSATORY AFFORESTATION"

Name of the Forest/Reach to be diverted: Diversion of 0.0122 hec. of forest land only for access to Suryavanshi Veshno Dhaba, on Delhi-Ambala road, NH-44(Old NH-1), at Km 104.040(LHS), at Village Malikpur, Tehsil Gharaunda, Distt. Karnal, Haryana.

Forest Area = 0.0122 Hect.

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

Division :- Karnal District :- Karnal

Tehsil:- Gharaunda Range :- Karnal

C.A. Site name : Railway Line K.m 104-108 L/R Side.

Afforested :- 100 Plants = 0.100 Hec.

- 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. It is a Degraded Forest Land.
- 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. 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 inclusion with 10% per year future maintenance cost Norms

Year	Rate per Plant
1 st Year cost of afforestation	Rs. 395/- Per Plant
2 nd Year maintenance	Rs. 138/- Per Plant
3 rd Year maintenance	Rs. 55/- Per Plant
4 th Year maintenance	Rs. 22/- Per Plant
5 th Year maintenance	Rs. 24/- Per Plant
6 th Year maintenance	Rs. 26/- Per Plant
7 th Year maintenance	Rs. 27/- Per Plant
8 th Year maintenance	Rs. 28/- Per Plant
9 th Year maintenance	Rs. 30/- Per Plant
10 th Year maintenance	Rs. 32/- Per Plant
Total	

Area to be Diverted :- 0.0122 ha.

No. of trees to be felled :- 0

Plants to be damaged:- 0

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

Area to be Planted = Double area@ 1000 plant per ha.=NA

Minimum Plants to be Planted: - (CA)100 Plants

CA RKM 100/250 = 0.4 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	100 Plants	Rs. 395/- Per Plant	39500
	(2) 2 nd Year maintenance		Rs. 138/- Per Plant	13800
	(3) 3 rd Year maintenance		Rs. 55/- Per Plant	5500
	(4) 4 th Year maintenance		Rs. 22/- Per Plant	2200
	(5) 5 th Year maintenance		Rs. 24/- Per Plant	2400
	(6) 6 th Year maintenance		Rs. 26/- Per Plant	2600
	(7) 7 th Year maintenance		Rs. 27/- Per Plant	2700
	(8) 8 th Year maintenance		Rs. 28/- Per Plant	2800
	(9) 9 th Year maintenance		Rs. 30/- Per Plant	3000
	(10) 10 th Year maintenance		Rs. 32/- Per Plant	3200
	(11) Barbed wire fencing charge=0.4 RKM		Rs.200000/-Per RKM	80000

	Total CA Charges			157700
	Supervisory / Overhead / Miscellaneous Charges	10% on the CA charges		15770
	Sub Total (A) Total C.A. Charges			173470
B	Additional Compensatory Afforestation Charges			
	(1) 1 st Year cost of afforestation	NIL	Rs. 395/- Per Plant	0
	(2) 2 nd Year maintenance		Rs. 138/- Per Plant	0
	(3) 3 rd Year maintenance		Rs. 55/- Per Plant	0
	(4) 4 th Year maintenance		Rs. 22/- Per Plant	0
	(5) 5 th Year maintenance		Rs. 24/- Per Plant	0
	(6) 6 th Year maintenance		Rs. 26/- Per Plant	0
	(7) 7 th Year maintenance		Rs. 27/- Per Plant	0
	(8) 8 th Year maintenance		Rs. 28/- Per Plant	0
	(9) 9 th Year maintenance		Rs. 30/- Per Plant	0
	(10) 10 th Year maintenance		Rs. 32/- Per Plant	0
	Barbed wire fencing charge= 0.0RKM		Rs.200000/-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	52041	
	Sub Total (D)		52041	
E	Safety Zone		NA	
F	Additional Charges			
	Tree Guard @2000x100		0	
		0	
	Sub Total (F)			
G	Net Present Value of Forest Land to be diverted 0.0122 Hect.	Rs. 957780/- per ha.	11684	
H	Felling charges Nil	Rs.1400 /- per m ³		
I	Plantation damage charges = Not app	Rs. 236/- per plant	0	
	GRAND TOTAL (A+B+C+D+E+F+G+H+I) to be deposited in CAMPA Fund			237195

2. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) **General Detail :-** Compensatory Afforestation will carried out along With, Railway Line K.m 104-108 L/R Side.

- b) Spacing:- 4m x 2½mtr 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 Office,
Divisional Forest Officer,
Karnal Forest Division
Karnal. KARNAL