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Title of the Project : Diversion of 0.0122 hec. of forest land only for access to Suryavansi 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 Suryavansi 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 100 Plants	
	(1) 1 st Year cost of afforestation		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		
	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		
C	Penal C.A.	-	NA
D	Catchment Area Treatment		
	Soil and Moisture Conservation charges	30% of the Total CA	52041
	Sub Total (D)		
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		

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.

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- 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