

**Full Title of the Project: Diversion of 0.0021 ha. of forest land for access to private property (Narwal Feeds) on Karnal-Pingli road, RD 3.220(RHS) at Village Pingli, Tehsil & Distt. Karnal, Haryana.**

Proposal FP/HR/APPROACH/41329/2019.

Date of Proposal : 25.07.2019.

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

**Name of the Forest/Reach to be diverted:** Diversion of 0.0021 ha. of forest land for access to private property (Narwal Feeds) on Karnal-Pingli road, RD 3.220(RHS) at Village Pingli, Tehsil & Distt. Karnal, Haryana.

Forest Area = 0.0021 Hect.

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

Division :- **Karnal** District :- **Karnal**  
Tehsil:- **Nissing** Range :- **Assandh**

C.A. Site name : Nissing Drain(RD K.K road Pull to Nissing-Brass road),

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

Area to be Diverted :- 0.0021 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 RKM100/250 = 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 <sup>st</sup> Year cost of afforestation	100 Plants	Rs. 395/- Per Plant 39500
	(2) 2 <sup>nd</sup> Year maintenance		Rs. 138/- Per Plant 13800
	(3) 3 <sup>rd</sup> Year maintenance		Rs. 55/- Per Plant 5500
	(4) 4 <sup>th</sup> Year maintenance		Rs. 22/- Per Plant 2200
	(5) 5 <sup>th</sup> Year maintenance		Rs. 24/- Per Plant 2400
	(6) 6 <sup>th</sup> Year maintenance		Rs. 26/- Per Plant 2600
	(7) 7 <sup>th</sup> Year maintenance		Rs. 27/- Per Plant 2700
	(8) 8 <sup>th</sup> Year maintenance		Rs. 28/- Per Plant 2800

	(9) 9 <sup>th</sup> Year maintenance		Rs. 30/- Per Plant	3000	
	(10) 10 <sup>th</sup> Year maintenance		Rs. 32/- Per Plant	3200	
	(11) Barbed wire fencing charge=0.4 RKM		Rs.200000/-Per RKM	80000	
	<b>Total CA Charges</b>			<b>157700</b>	
	Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	15770	
	<b>Sub Total (A) Total C.A. Charges</b>			<b>173470</b>	
<b>B</b>	<b>Additional Compensatory Afforestation Charges</b>				
	(1) 1 <sup>st</sup> Year cost of afforestation	NIL	Rs. 395/- Per Plant	0	
	(2) 2 <sup>nd</sup> Year maintenance		Rs. 138/- Per Plant	0	
	(3) 3 <sup>rd</sup> Year maintenance		Rs. 55/- Per Plant	0	
	(4) 4 <sup>th</sup> Year maintenance		Rs. 22/- Per Plant	0	
	(5) 5 <sup>th</sup> Year maintenance		Rs. 24/- Per Plant	0	
	(6) 6 <sup>th</sup> Year maintenance		Rs. 26/- Per Plant	0	
	(7) 7 <sup>th</sup> Year maintenance		Rs. 27/- Per Plant	0	
	(8) 8 <sup>th</sup> Year maintenance		Rs. 28/- Per Plant	0	
	(9) 9 <sup>th</sup> Year maintenance		Rs. 30/- Per Plant	0	
	(10) 10 <sup>th</sup> Year maintenance		Rs. 32/- Per Plant	0	
	Barbed wire fencing charge= 0.0RKM		Rs.200000/-Per RKM	0	
	<b>Sub Total (B) Total Addl. C.A. Charges</b>			<b>0</b>	
<b>C</b>	Penal C.A.		-	NA	
<b>D</b>	<b>Catchment Area Treatment</b>				
	Soil and Moisture Conservation charges		30% of the Total CA	52041	
	<b>Sub Total (D)</b>			<b>52041</b>	
<b>E</b>	Safety Zone			NA	
<b>F</b>	<b>Additional Charges</b>				
	Tree Guard @2000x100			0	
	.....			0	
	<b>Sub Total (F)</b>				
<b>G</b>	Net Present Value of Forest Land to be diverted 0.0021 Hect.		Rs. 1357110/- per ha.	2850	
<b>H</b>	Felling charges NIL		Rs.1400 /- per m <sup>3</sup>	0	
<b>I</b>	Plantation damage charges = Not app		Rs. 236/- per plant	0	
	<b>GRAND TOTAL (A+B+C+D+E+F+G+H+I) to be deposited in CAMPA Fund</b>			<b>228361</b>	

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) **General Detail :-** Compensatory Afforestation will carried out along With, Nissing Drain(RD K.K road Pull to Nissing-Brass road),
- 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 Officer,  
Karnal Forest Division  
Karnal, KAPNAI

