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**Full Title of the Project:** Diversion of 0.826 hec. of forest land for construction of Sewerage line from Uchana-Dhollgarh road Near railway crossing to Karnal-Kachwa road SH-9 under Division & Distt. Karnal, (Haryana).

**File No.:** FP/HR/OTHERS/39588/2019  
**Date of Proposal :** 27.03.2019

**CHECK LIST SERIAL NUMBER: 18**  
**"SCHEME FOR COMPENSATORY AFFORESTATION"**

**Name of the Forest/Reach to be diverted:** Diversion of 0.826 hec. of forest land for construction of Sewerage line from Uchana-Dhollgarh road Near railway crossing to Karnal-Kachwa road SH-9 under Division & Distt. Karnal, (Haryana).

Forest Area = 0.826 Hect.

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

Division: - Karnal      District: - Karnal  
Tehsil:- Karnal      Range :- Karnal

C.A. Site name: NBK Link RD 65-82 L/R Side

Area to be Afforested: - 1.652 Hect.

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:-

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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 <sup>st</sup> Year cost of afforestation	Rs. 359.10/- Per Plant
2 <sup>nd</sup> Year maintenance	Rs. 115.35/- Per Plant
3 <sup>rd</sup> Year maintenance	Rs. 41.89/- Per Plant
4 <sup>th</sup> Year maintenance	Rs. 15.58/- Per Plant
5 <sup>th</sup> Year maintenance	Rs. 15.58/- Per Plant
6 <sup>th</sup> Year maintenance	Rs. 15.58/- Per Plant
7 <sup>th</sup> Year maintenance	Rs. 15.58/- Per Plant
8 <sup>th</sup> Year maintenance	Rs. 15.58/- Per Plant
9 <sup>th</sup> Year maintenance	Rs. 15.58/- Per Plant
10 <sup>th</sup> Year maintenance	Rs. 15.58/- Per Plant
<b>Total</b>	<b>Rs. 625.40/-</b>

Area to be Diverted :- 0.826 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 0.826 hect.x2 @ 1000 plant per ha.= 1652 TP

Minimum Plants to be Planted: - 1652 No.

RKM 1652/250 = 6.608RKM

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	1652	Rs. 359/- Per Plant 593068
(2)	2 <sup>nd</sup> Year maintenance	Plants	Rs. 115/- Per Plant 189980
(3)	3 <sup>rd</sup> Year maintenance		Rs. 42/- Per Plant 69384
(4)	4 <sup>th</sup> Year maintenance		Rs. 16/- Per Plant 26432
(5)	5 <sup>th</sup> Year maintenance		Rs. 16/- Per Plant 26432
(6)	6 <sup>th</sup> Year maintenance		Rs. 16/- Per Plant 26432
(7)	7 <sup>th</sup> Year maintenance		Rs. 16/- Per Plant 26432
(8)	8 <sup>th</sup> Year maintenance		Rs. 16/- Per Plant 26432

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	(9) 9 <sup>th</sup> Year maintenance		Rs. 16/- Per Plant	26432	
	(10) 10 <sup>th</sup> Year maintenance		Rs. 16/- Per Plant	26432	
	(11) Barbed wire fencing charge= 6.608 RKM		Rs.76700/- Per RKM	506834	
	<b>Total Charges</b>			<b>1544290</b>	
	Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	154429	
	<b>Sub Total (A) Total C.A. Charges</b>			<b>1698719</b>	
<b>B</b>	<b>Additional Compensatory Afforestation Charges plants</b>				
	(1) 1 <sup>st</sup> Year cost of afforestation	..Nil..	Rs. 359/- Per Plant	0	
	(2) 2 <sup>nd</sup> Year maintenance		Rs. 115/- Per Plant	0	
	(3) 3 <sup>rd</sup> Year maintenance		Rs. 42/- Per Plant	0	
	(4) 4 <sup>th</sup> Year maintenance		Rs. 16/- Per Plant	0	
	(5) 5 <sup>th</sup> Year maintenance		Rs. 16/- Per Plant	0	
	(6) 6 <sup>th</sup> Year maintenance		Rs. 16/- Per Plant	0	
	(7) 7 <sup>th</sup> Year maintenance		Rs. 16/- Per Plant	0	
	(8) 8 <sup>th</sup> Year maintenance		Rs. 16/- Per Plant	0	
	(9) 9 <sup>th</sup> Year maintenance		Rs. 16/- Per Plant	0	
	(10) 10 <sup>th</sup> Year maintenance		Rs. 16/- Per Plant	0	
	Barbed wire fencing charge= ..Nil..		Rs.76700/- Per RKM	0	
	<b>Sub Total (B) Total Addl. C.A. Charges</b>			<b>0</b>	
<b>C</b>	<b>Penal C.A.</b>			<b>NA</b>	
<b>D</b>	<b>Catchment Area Treatment</b>				
	Soil and Moisture Conservation charges		30% of the Total CA	509616	
	<b>Sub Total (D)</b>			<b>509616</b>	
<b>E</b>	<b>Safety Zone</b>			<b>NA</b>	
<b>F</b>	<b>Additional Charges</b>				
	.....			0	
	.....			0	
	<b>Sub Total (F)</b>			<b>0</b>	
<b>G</b>	Net Present Value of Forest Land to be diverted 0.826 Hect.		Rs. 887000/- per ha.	732662	
<b>H</b>	Felling charges = Nil		Rs.1200 /- per m <sup>3</sup>	0	
<b>I</b>	Plantation damage charges = ..Nil..		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>2940997</b>	

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2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

a) **General Detail :-** Compensatory Afforestation will carried out along With, NBK Link RD 65-82 L/R Side

b) Spacing:- 4x4mtr a Part

c) Species:- Neem & Shisham, Jamun/Jamoa etc.

d) Plantation method :- Tall Plantation

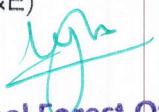
e) Soil and Moisture Conservation Works :- -Nil-

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 Office**  
**Divisional Forest Officer**,  
**Karnal** **KARNAL**

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