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Full Title of the Project :- Diversion of 0.12771 Ha. of Forest Land for construction of 132 KV S/C Neemwala-Bhagal line crossing various strips of Projected forest land, under Forest Division & Distt. Kaithal, Haryana.

File No :- FP/HR/Trans/41326/2019

Date of Proposal : 09/01/2020

CHECK LIST SERIAL NUMBER: 17

" Scheme for C.A."

Name of the Forest/Reaches to be diverted :-

Diversion of 0.12771 Ha. of Forest Land for construction of 132 KV S/C Neemwala-Bhagal line crossing various strips of Projected forest land, under Forest Division & Distt. Kaithal, Haryana.

Forest Area = 0.12771 Ha.

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

Division	Kaithal	District	Kaithal
Tehsil	Pundri	Range	Pundri

C.A. Site Name : Fatehpur Escape, C-4.

a) Whether the site selected for Compensatory Afforestation is a land bank (Yes or Not : **Yes**)

b) If the CA site is other than the land bank, reasons be given:-- N.A

In case of non- forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary: _____

i) Soil type : **Good**

ii) Topography :

(a) Hill'y/Undulating/**Plain**

(b) Slope: Steep/Medium/**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 2.5m spacing at the wage rate of Rs. 339.51 per day as under :-

Sr. No.	Year	Rate per Plant
1	Ist Year cost of afforestation	Rs. 373.50/- Per Plant
2	IInd Year maintenance	Rs. 119.97/- Per Plant
3	IIIrd Year maintenance	Rs. 43.57/- Per Plant
4	IVth Year maintenance	Rs. 16.20/- Per Plant
5	Vth Year maintenance	Rs. 16.20/- Per Plantzz
6	VIth Year maintenance	Rs. 16.20/- Per Plant
7	VIIth Year maintenance	Rs. 16.20/- Per Plant
8	VIIIth Year maintenance	Rs. 16.20/- Per Plant
9	IXth Year maintenance	Rs. 16.20/- Per Plant
10	Xth Year maintenance	Rs. 16.20/- Per Plant
	Total	650.44/-

Area to be Diverted = 0.12771 Ha.

No. of trees to be felled = 54

Plants to be damaged = 4

Area to be planted under normal CA :- 0.25542 Ha. (Double the area to be diverted)

Plants to be Planted under normal CA:- 255.42 Plants or say 54x10 = 540 Plants (@ 1000 plants per Ha.)

Additional C.A. in lieu of plants to be damaged(Double the plants to be damaged) 4 x 2 = 8 Plants

Area to planted under Addl. CA :- 0.008 Ha. @ 1000 plants per Ha.)

Total No. of plants to be planted (CA+Addl. CA) :- 548 Plants

Total Area to be planted (CA+Addl. CA) :- 0.548 Ha. (@1000 plants per Ha.)

Sr. No.	Description		Rate	Total Amount (Rs.)
A	Compensatory Afforestation Charges			
		No. of Plants		
	(1) 1 st Year cost of afforestation	540	Rs. 373.50/- Per Plant	201690
	(2) 2 nd year maintenance	540	Rs. 119.97/- Per Plant	64783.8
	(3) 3 rd year maintenance	540	Rs. 43.57/- Per Plant	23527.8
	(4) 4 th year maintenance	540	Rs. 16.20/- Per Plant	8748
	(5) 5 th year maintenance	540	Rs. 16.20/- Per Plant	8748
	(6) 6 th year maintenance	540	Rs. 16.20/- Per Plant	8748
	(7) 7 th year maintenance	540	Rs. 16.20/- Per Plant	8748
	(8) 8 th year maintenance	540	Rs. 16.20/- Per Plant	8748
	(9) 9 th year maintenance	540	Rs. 16.20/- Per Plant	8748
	(10) 10 th year maintenance	540	Rs. 16.20/- Per Plant	8748
	(11) Barbed wire fencing charges	RKM	Rs. 165000/- Per RKM	356400
		2.16	RKM	707637
Total Charges				707637
Supervisory/Overhead/ Misc. Charger			10% on the total CA charges	70764
Total (A) C.A. Charge				778401
B	Additional Compensatory Afforestation Charges 4 x 2 = 8 Plants			
	(1) 1 st Year cost of afforestation	8	Rs. 373.50/- Per Plant	2988
	(2) 2 nd year maintenance	8	Rs. 119.97/- Per Plant	959.76
	(3) 3 rd year maintenance	8	Rs. 43.57/- Per Plant	348.56
	(4) 4 th year maintenance	8	Rs. 16.20/- Per Plant	129.6
	(5) 5 th year maintenance	8	Rs. 16.20/- Per Plant	129.6
	(6) 6 th year maintenance	8	Rs. 16.20/- Per Plant	129.6
	(7) 7 th year maintenance	8	Rs. 16.20/- Per Plant	129.6
	(8) 8 th year maintenance	8	Rs. 16.20/- Per Plant	129.6
	(9) 9 th year maintenance	8	Rs. 16.20/- Per Plant	129.6
	(10) 10 th year maintenance	8	Rs. 16.20/- Per Plant	129.6
	(11) Barbed wire fencing charges	RKM	Rs. 165000/- Per RKM	5280
		0.032	RKM	10483
Total (B) Addl. C.A. Charges				10483
C	Penal C.A			0
D	Catchment Area Treatment			
	Soil and Moisture Conservation charges		30% of the Total CA	
	Total (D)			233520
E	Safety Zone (if required)			0

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F	Additional Charges (if required)	Qty	Rate	0
	Total (F)			0
G	Net Present Value of Forest Land to be diverted		Rs. 887000/-per ha.	113279
H	Felling charges	Vol.M3	Rs. 1200/-per m3	38856
		32.38		
	Grand Total (A+B+C+D+E+F+G+H) to be deposited in CAMPA Fund			1174539


2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows :-

- a) General Details :- Plantation will be done with 3 strand barbed wire.
- b) Spacement :- 4x2.5 meter
- c) Species :- Neem, Bakain, Papri, Jamun, Bar, Pipal, Suhajna, Shisham, Arjun 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 :- **(M&E)**
- h) Any other information :- Nil

Place :- **Kaithal.**

Dated :- **09/01/2020.**


 Divisional Forest Officer
 Kaithal Forest Division
 Deputy Conservator of Forest,
 Kaithal Forest Division,
 Kaithal. *ble*

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