

Full Title of the Project :- Diversion of 0.04318 Ha. of Forest Land for construction of Lilo of 132 KV D/C Cheeka-Kheri Gulam Ali at Chakku Ladana S/S Line crossing various strips of Projected forest land, under Forest Division & Distt. Kaithal, Haryana.

File No :- FP/HR/TRANS/41328/2019

Date of Proposal : 02/12/2019

CHECK LIST SERIAL NUMBER: 17

" Scheme for C.A."

Name of the Forest/Reaches to be diverted :-

Diversion of 0.04318 Ha. of Forest Land for construction of Lilo of 132 KV D/C Cheeka-Kheri Gulam Ali at Chakku Ladana S/S Line crossing various strips of Projected forest land, under Forest Division & Distt. Kaithal, Haryana.

Forest Area = **0.04318 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.**

Area to be Afforested :-

- 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) **Hilly/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 5.0m spacing at the wage rate of Rs. 326.82 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 = **0.04318 Ha.**

No. of trees to be felled = **13**

Plants to be damaged = **0**

Area to be planted under normal CA :- **0.08636 Ha.** (Double the area to be diverted)

Plants to be Planted under normal CA:- **86.36 Plants or say 13x10=130 Plants** (@ 1000 plants per Ha.)

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged) = **0 Plants**

Area to planted under Addl. CA :- **0 Ha.** @ 1000 plants per Ha.)

Total No. of plants to be planted (CA+Addl. CA) :- **130 Plants**

Total Area to be planted (CA+Addl. CA) :- **0.13 Ha.** (@1000 plants per Ha.)

or ~~42~~ **Ha.** @ **500 Plant** par Ha. (4x5 mtr)

0.26

Sr. No.	Description		Rate	Total Amount (Rs.)	
A	Compensatory Afforestation Charges		No. of Plants		
	(1)	1 st Year cost of afforestation	130	Rs. 373.50/- Per Plant	48555
	(2)	2 nd year maintenance	130	Rs. 119.97/- Per Plant	15596.1
	(3)	3 rd year maintenance	130	Rs. 43.57/- Per Plant	5664.1
	(4)	4 th year maintenance	130	Rs. 16.20/- Per Plant	2106
	(5)	5 th year maintenance	130	Rs. 16.20/- Per Plant	2106
	(6)	6 th year maintenance	130	Rs. 16.20/- Per Plant	2106
	(7)	7 th year maintenance	130	Rs. 16.20/- Per Plant	2106
	(8)	8 th year maintenance	130	Rs. 16.20/- Per Plant	2106
	(9)	9 th year maintenance	130	Rs. 16.20/- Per Plant	2106
	(10)	10 th year maintenance	130	Rs. 16.20/- Per Plant	2106
	(11)	Barbed wire fencing charges	RKM	Rs. 165000/- Per	85800
		0.52	RKM		
	Total Charges				170357
	Supervisory/Overhead/ Misc. Charger			10% on the total CA charges	17036
Total (A) C.A. Charge				187393	
B	Additional Compensatory Afforestation Charges 0 Plants				
	(1)	1 st Year cost of afforestation	Nil	Rs. 373.50/- Per Plant	Nil
	(2)	2 nd year maintenance	Nil	Rs. 119.97/- Per Plant	Nil
	(3)	3 rd year maintenance	Nil	Rs. 43.57/- Per Plant	Nil
	(4)	4 th year maintenance	Nil	Rs. 16.20/- Per Plant	Nil
	(5)	5 th year maintenance	Nil	Rs. 16.20/- Per Plant	Nil
	(6)	6 th year maintenance	Nil	Rs. 16.20/- Per Plant	Nil
	(7)	7 th year maintenance	Nil	Rs. 16.20/- Per Plant	Nil
	(8)	8 th year maintenance	Nil	Rs. 16.20/- Per Plant	Nil
	(9)	9 th year maintenance	Nil	Rs. 16.20/- Per Plant	Nil
	(10)	10 th year maintenance	Nil	Rs. 16.20/- Per Plant	Nil
	(11)	Barbed wire fencing charges	RKM	Rs. 165000/- Per	Nil
			RKM		
	Total (B) Addl. C.A. Charges				0
	C	Penal C.A			0
D	Catchment Area Treatment				
	Soil and Moisture Conservation charges		30% of the Total CA	56218	
	Total (D)			56218	

E	Safety Zone (if required)			0
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.	38300
H	Felling charges	Vol.M3	Rs. 1200/-per m3	2124
		1.77		
Grand Total (A+B+C+D+E+F+G+H) to be deposited in CAMPA Fund				284035

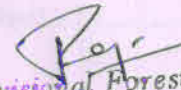
2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows :-

- a) General Details :- Plantation will be done with 3 strand barbed wire.
- b) Spacement :- 4x5 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 :- 02/12/2019.


 Divisional Forest Officer
 Kaithal Forest Division
KAITHAL
 Deputy Conservator of Forest,
 Kaithal Forest Division,
 Kaithal.

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