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Full Title of the Project :- Diversion of 0.01463 Ha. of Forest Land for Biomass Power Plant in Dera Dillu Ram, Link Road VPO Kangthali on Kaithal-Cheeka Raod in Distt. Kaithal, under Forest Division & Distt. Kaithal, Haryana.

File No :- FP/HR/APPROACH/49074/2020

Date of Proposal :- 01/12/2020

CHECK LIST SERIAL NUMBER: 17

" Scheme for C.A."

Name of the Forest/Reaches to be diverted :-

Diversion of 0.01463 Ha. of Forest Land for Biomass Power Plant in Dera Dillu Ram, Link Road VPO Kangthali on Kaithal-Cheeka Raod in Distt. Kaithal, under Forest Division & Distt. Kaithal, Haryana.

Forest Area = **0.01463 Ha.**

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

Division **Kaithal** District **Kaithal**

Tehsil **Kaithal** Range **Kaithal**

C.A. Site Name :- **Kichana Minor RD 0-8 L&R**

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 4m spacing at the wage rate of Rs. 347.08 per day as under :-

Sr. No.	Year	Rate per Plant
1	Ist Year cost of afforestation	Rs. 407.56/-Per Plant
2	IIInd Year maintenance	Rs. 88.00/- Per Plant
3	IIIrd Year maintenance	Rs. 56.00/- Per Plant
4	IVth Year maintenance	Rs. 10.00/- Per Plant
5	Vth Year maintenance	Rs. 10.00/- Per Plant
6	VIth Year maintenance	Rs. 10.00/- Per Plant
7	VIIth Year maintenance	Rs. 10.00/- Per Plant
8	VIIIth Year maintenance	Rs. 10.00/- Per Plant
9	IXth Year maintenance	Rs. 10.00/- Per Plant
10	Xth Year maintenance	Rs. 10.00/- Per Plant
	Total	621.56/-

Area to be Diverted = **0.01463 Ha.**

No. of trees to be felled = **0**

Plants to be damaged = **10**

Area to be planted under normal CA :- **0.02926 Ha.** (Double the area to be diverted)

Plants to be Planted under normal CA:- **29.26 Plants or say 100 Plants**

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged) = **10x2 = 20 Plants**

Area to planted under Addl. CA :- **0.02 Ha.** @ 1000 plants per Ha.)

Total No. of plants to be planted (CA+Addl. CA) :- **100+20 = 120 Plants**

Total Area to be planted (CA+Addl. CA) :- **0.12 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	100	Rs. 407.56/-Per Plant	40756
	(2) 2 nd year maintenance	100	Rs. 88.00/- Per Plant	8800
	(3) 3 rd year maintenance	100	Rs. 56.00/- Per Plant	5600
	(4) 4 th year maintenance	100	Rs. 10.00/- Per Plant	1000
	(5) 5 th year maintenance	100	Rs. 10.00/- Per Plant	1000
	(6) 6 th year maintenance	100	Rs. 10.00/- Per Plant	1000
	(7) 7 th year maintenance	100	Rs. 10.00/- Per Plant	1000
	(8) 8 th year maintenance	100	Rs. 10.00/- Per Plant	1000
	(9) 9 th year maintenance	100	Rs. 10.00/- Per Plant	1000
	(10) 10 th year maintenance	100	Rs. 10.00/- Per Plant	1000
	(11) Barbed wire fencing charges	RKM	Rs. 200000/- Per	80000
		0.4	RKM	
	Total Charges			1,42,156
	Supervisory/Overhead/ Misc. Charger		10% on the total CA charges	14,216
	Total (A) C.A. Charge			1,56,372
B	Additional Compensatory Afforestation Charges 10x2 = 20 Plants			
	(1) 1 st Year cost of afforestation	20	Rs. 407.56/-Per Plant	8151
	(2) 2 nd year maintenance	20	Rs. 88.00/- Per Plant	1760
	(3) 3 rd year maintenance	20	Rs. 56.00/- Per Plant	1120
	(4) 4 th year maintenance	20	Rs. 10.00/- Per Plant	200
	(5) 5 th year maintenance	20	Rs. 10.00/- Per Plant	200
	(6) 6 th year maintenance	20	Rs. 10.00/- Per Plant	200
	(7) 7 th year maintenance	20	Rs. 10.00/- Per Plant	200
	(8) 8 th year maintenance	20	Rs. 10.00/- Per Plant	200
	(9) 9 th year maintenance	20	Rs. 10.00/- Per Plant	200
	(10) 10 th year maintenance	20	Rs. 10.00/- Per Plant	200
	(11) Barbed wire fencing charges	RKM	Rs. 200000/- Per	160000
		0.08	RKM	
	Total (B) Addl. C.A. Charges			28,431
C	Penal C.A			0
D	Catchment Area Treatment			
	Soil and Moisture Conservation charges		30% of the Total CA	46,912

	Total (D)		46,912
E	Safety Zone (if required)		0
F	Additional Charges (if required)	Qty	Rate
	Total (F)		0
G	Net Present Value of Forest Land to be diverted		Rs. 887000/-per ha. 12,977
H	Felling charges	Vol.M3	Rs. 1200/-per m3 0
		0	
	Grand Total (A+B+C+D+E+F+G+H) to be deposited in CAMPA Fund		2,44,692

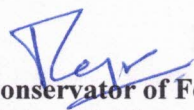
2. Technical details:-

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} 4x4 meter
- c) Species :- Neem, Bakain, Papri, Jamun, Bar, Pipal, Suhajna 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 :- 01/12/2020.


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.