

Full Title of the Project :- Diversion of 0.0634 Ha. of Forest Land for access to the proposed petrol pump of HPCL on Kurukshetra-Kaithal Road (MDR-119), at Km. 29.131 (LHS), Village-Sohlu Majra, Tehsil-Pundri, Distt. Kaithal, State-Haryana, bearing khasra no.-46//5/2/1/1, 6/1/2/1, 6/1/1/1, 6/2/1 under forest division & Distt. Kaithal, Haryana.

File No :- FP/HR/Approach/154308/2022

Date of Proposal :07/11/2022

CHECK LIST SERIAL NUMBER: 17

" Scheme for C.A."

Name of the Forest/Reaches to be diverted :-

Submission of Forest Proposal under Forest (Conservation) Act, 1980 for Diversion of 0.0634 Ha. of Forest Land for access to the proposed petrol pump of HPCL on Kurukshetra-Kaithal Road (MDR-119), at Km. 29.131 (LHS), Village-Sohlu Majra, Tehsil-Pundri, Distt. Kaithal, State-Haryana, bearing khasra no.-46//5/2/1/1, 6/1/2/1, 6/1/1/1, 6/2/1 under forest division & Distt. Kaithal, Haryana.

Forest Area = **0.0634 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 :- **RF Siwan 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 4m spacing at the wage rate of Rs. 363.77 per day as under :-

Sr. No.	Year	Rate per Plant
1	Ist Year cost of afforestation	Rs.192.87/-Per Plant
2	IInd Year maintenance	Rs. 77.48/- Per Plant
3	IIIrd Year maintenance	Rs. 36.60/- Per Plant
4	IVth Year maintenance	Rs. 12.83/- Per Plant
5	Vth Year maintenance	Rs. 12.83/- Per Plant
6	VIth Year maintenance	Rs. 12.83/- Per Plant
7	VIIth Year maintenance	Rs. 12.83/- Per Plant
8	VIIIth Year maintenance	Rs. 12.83/- Per Plant
9	IXth Year maintenance	Rs. 12.83/- Per Plant
10	Xth Year maintenance	Rs. 12.83/- Per Plant
	Total	396.77/- Per Plant

Area to be Diverted = **0.0634 Ha.**

No. of trees to be felled = **7**

Plants to be damaged = **6**

Area to be planted under normal CA :- **0.1268 Ha.** (Double the area to be diverted)

Plants to be Planted under normal CA:- **126.8 Plants or say 127 Plants**

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)=**6x2=12 Plants**

Area to planted under Addl. CA :- **0.012 Ha.** @ 1000 plants per Ha.)

Total No. of plants to be planted (CA+Addl. CA) :- **139 Plants**

Total Area to be planted (CA+Addl. CA) :- **0.139 Ha.** (@1000 plants per Ha.)

Sr. No.	Description	No. of Plants	Rate	Total Amount (Rs.)
A	Compensatory Afforestation Charges			
	(1) 1 st Year cost of afforestation	127	Rs.192.87/-Per Plant	24,495
	(2) 2 nd year maintenance	127	Rs. 77.48/- Per Plant	9840
	(3) 3 rd year maintenance	127	Rs. 36.60/- Per Plant	4648
	(4) 4 th year maintenance	127	Rs. 12.83/- Per Plant	1629
	(5) 5 th year maintenance	127	Rs. 12.83/- Per Plant	1629
	(6) 6 th year maintenance	127	Rs. 12.83/- Per Plant	1629
	(7) 7 th year maintenance	127	Rs. 12.83/- Per Plant	1629
	(8) 8 th year maintenance	127	Rs. 12.83/- Per Plant	1629
	(9) 9 th year maintenance	127	Rs. 12.83/- Per Plant	1629
	(10) 10 th year maintenance	127	Rs. 12.83/- Per Plant	1629
	(11) Barbed wire fencing charges	RKM	Rs. 200000/- Per RKM	0
		0.508		
	Total Charges			50,386
	Supervisory/Overhead/ Misc. Charger		20% on the total CA charges	10,077
Total (A) C.A. Charge				60,463
B	Additional Compensatory Afforestation Charges 6x2 = 12 Plants			
	(1) 1 st Year cost of afforestation	12	Rs.192.87/-Per Plant	2314
	(2) 2 nd year maintenance	12	Rs. 77.48/- Per Plant	930
	(3) 3 rd year maintenance	12	Rs. 36.60/- Per Plant	439
	(4) 4 th year maintenance	12	Rs. 12.83/- Per Plant	154
	(5) 5 th year maintenance	12	Rs. 12.83/- Per Plant	154
	(6) 6 th year maintenance	12	Rs. 12.83/- Per Plant	154
	(7) 7 th year maintenance	12	Rs. 12.83/- Per Plant	154
	(8) 8 th year maintenance	12	Rs. 12.83/- Per Plant	154
	(9) 9 th year maintenance	12	Rs. 12.83/- Per Plant	154
	(10) 10 th year maintenance	12	Rs. 12.83/- Per Plant	154
	(11) Barbed wire fencing charges	RKM	Rs. 200000/- Per RKM	0
		0.048		
	Total (B) Addl. C.A. Charges			4761
				0
C	Penal C.A			
D	Catchment Area Treatment			
	Soil and Moisture Conservation charges		30% of the Total CA	0
	Total (D)			0
E	Safety Zone (if required)			0
F	Additional Charges (if required)	Qty	Rate	0
	Total (F)			0
G	Felling charges	Vol.M3	Rs. 1200/-per m3	10,080
		08.40		

Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA Fund	75,304
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2. NPV Calculation Sheet for the vegetation density and Eco class of the protected forests :-

Proposed Area Diverted	Eco Class	Vegetation	Vegetation Density	Rate per Ha.	Total NPV Amount
0.0634 Ha.	III	Open Forest	0.3	957780	60,723

3. Grand Total CA Scheme + NPV = 75,304 + 60,723 = 1,36,027/-

4. Technical details :-

Technical details of Compensatory Afforestation Scheme are as follows :-

- General Details :- Plantation will be done with 3 strand barbed wire.
- Spacing :- 4x4 meter
- Species :- Neem, Bakain, Papri, Jamun, Bar, Pipal, Suhajna etc.
- Plantation Method :- Tall Plantation
- Soil and Moisture Conservation Works :- Nil
- Protection (Fencing, Watch man, People's Participation etc.): Fencing
- Proposed Monitoring Mechanism :- (M&E)
- Any other information :- Nil

Place :- Kaithal.

Dated :- 21/06/2023.

Deputy Conservator of Forest,
Kaithal Forest Division,
Kaithal.

21/6/23

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