

Full Title of the Project :- Diversion of 0.0152 Ha. of Forest Land for access to the proposed petrol pump of Hindustan Petroleum Corporation Ltd. on Kaithal-Kurukshetra Road (MDR-119), at Teek, Distt. Kaithal, Haryana, bearing khasra no.-66//1/2,66//2, khewat no.-241, khatoni no.-430,447, under Forest Division & Distt. Kaithal, Haryana.

File No :- FP/HR/Approach/43044/2019

Date of Proposal : 23/12/2019

CHECK LIST SERIAL NUMBER: 17

" Scheme for C.A."

Name of the Forest/Reaches to be diverted :-

Diversion of 0.0152 Ha. of Forest Land for access to the proposed petrol pump of Hindustan Petroleum Corporation Ltd. on Kaithal-Kurukshetra Road (MDR-119), at Teek, Distt. Kaithal, Haryana, bearing khasra no.-66//1/2,66//2, khewat no.-241, khatoni no.-430,447, under Forest Division & Distt. Kaithal, Haryana.

Forest Area = **0.0152 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 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 = **0.0152 Ha.**

No. of trees to be felled = **22**

Plants to be damaged = **06**

Area to be planted under normal CA :- **0.0304 Ha.** (Double the area to be diverted)

Plants to be Planted under normal CA:- **30.4 Plants or say 100 Plants** (@ 1000 plants per Ha.)

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) :- **112 Plants**

Total Area to be planted (CA+Addl. CA) :- **0.112 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. 373.50/- Per Plant	37350	
	(2) 2 nd year maintenance	100	Rs. 119.97/- Per Plant	11997	
	(3) 3 rd year maintenance	100	Rs. 43.57/- Per Plant	4357	
	(4) 4 th year maintenance	100	Rs. 16.20/- Per Plant	1620	
	(5) 5 th year maintenance	100	Rs. 16.20/- Per Plant	1620	
	(6) 6 th year maintenance	100	Rs. 16.20/- Per Plant	1620	
	(7) 7 th year maintenance	100	Rs. 16.20/- Per Plant	1620	
	(8) 8 th year maintenance	100	Rs. 16.20/- Per Plant	1620	
	(9) 9 th year maintenance	100	Rs. 16.20/- Per Plant	1620	
	(10) 10 th year maintenance	100	Rs. 16.20/- Per Plant	1620	
	(11) Barbed wire fencing charges	RKM 0.4	Rs. 165000/- Per RKM	66000	
	Total Charges				131044
	Supervisory/Overhead/ Misc. Charger			10% on the total CA charges	13104
Total (A) C.A. Charge				144148	
B	Additional Compensatory Afforestation Charges 6 Plants or say 6x2=12 Plants				
	(1) 1 st Year cost of afforestation	12	Rs. 373.50/- Per Plant	4482	
	(2) 2 nd year maintenance	12	Rs. 119.97/- Per Plant	1439.64	
	(3) 3 rd year maintenance	12	Rs. 43.57/- Per Plant	522.84	
	(4) 4 th year maintenance	12	Rs. 16.20/- Per Plant	194.4	
	(5) 5 th year maintenance	12	Rs. 16.20/- Per Plant	194.4	
	(6) 6 th year maintenance	12	Rs. 16.20/- Per Plant	194.4	
	(7) 7 th year maintenance	12	Rs. 16.20/- Per Plant	194.4	
	(8) 8 th year maintenance	12	Rs. 16.20/- Per Plant	194.4	
	(9) 9 th year maintenance	12	Rs. 16.20/- Per Plant	194.4	
	(10) 10 th year maintenance	12	Rs. 16.20/- Per Plant	194.4	
	(11) Barbed wire fencing charges	RKM 0.048	Rs. 165000/- Per RKM	7920	
Total (B) Addl. C.A. Charges				15725	
C	Penal C.A			0	
D	Catchment Area Treatment				
	Soil and Moisture Conservation charges		30% of the Total CA	43244	
	Total (D)			43244	
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.	13482
H	Felling charges	Vol.M3	Rs. 1200/-per m3	21480
		17.90		
Grand Total (A+B+C+D+E+F+G+H) to be deposited in CAMPA Fund				238079

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 :- **23/12/2019.**

Raj
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.