

Full Title of the project: Diversion of 0.0149 hac. of Forest land for access to the Proposed Petrol Pump of Essar Oil Ltd. situated at Village Marwa Kalan on Bilaspur-Sadhaura road (SH-01) Near Km stone 17, Village Marwa Kalan, Tehsil Bilaspur, under forest Division and Distt. YNR. Haryana.

Online Proposal No. FP/HR/Approch/38856/2019
Date of Proposal :

CHECK LIST SERIAL NUMBER:-18
"SCHEME FOR C.A."

Name of the Forest/Reach to be diverted
Forest Area =0.0149 hac.

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

Division: Yamunanagar District : Yamunanagar

Tehsil: Jagadhri

C.A. Site name : Tibri RF

Area to be Afforested :- 0.130 hac.

- a) Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No): **No**
- b) If the CA site is other than the land bank, reasons be given:-
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: **Sandy Loam**
- ii) Topography a. Hilly/Undulating/Plain: **Plain**
b. Slope:-Steep/Medium/Gentle: **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 2½m spacing at the wage rate of Rs. 326.82 per day as under:-

Year	Rate per Plant
1 st Year cost of afforestation	Rs. 359.10 Per Plant
2 nd Year maintenance	Rs. 115.35 Per Plant
3 rd Year maintenance	Rs. 41.89 Per Plant
4 th Year maintenance	Rs. 15.58 Per Plant
5 th Year maintenance	Rs. 15.58 Per Plant
6 th Year maintenance	Rs. 15.58 Per Plant
7 th Year maintenance	Rs. 15.58 Per Plant
8 th Year maintenance	Rs. 15.58 Per Plant
9 th Year maintenance	Rs. 15.58 Per Plant
10 th Year maintenance	Rs. 15.58 Per Plant
Total	Rs. 625.40

Area to be Diverted : 0.0149 ha.

No. of Trees to be felled : 4

No. of Plants to be damaged : 15

Area to be planted under normal CA : 0.100 ha. (Double the area to be diverted)

Plants to be Planted under normal CA : 100 Nos.

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)= 30

Area to planted under Addl. CA : 0.030. (@ 1000 plants per ha.)

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

Total Area to be planted (CA) :0.130 ha. Or say 130 Plants

Total Area to be planted (CA) :0.150 ha. Or say 150 Plants					
S.No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)	
A	Compensatory Afforestation Charges		No. of Plant		
	(1)	1 st Year cost of afforestation	100	359.1	35910
	(2)	2 nd Year maintenance	100	115.35	11535
	(3)	3 rd Year maintenance	100	41.89	4189
	(4)	4 th Year maintenance	100	15.58	1558
	(5)	5 th Year maintenance	100	15.58	1558
	(6)	6 th Year maintenance	100	15.58	1558
	(7)	7 th Year maintenance	100	15.58	1558
	(8)	8 th Year maintenance	100	15.58	1558
	(9)	9 th Year maintenance	100	15.58	1558
	(10)	10 th Year maintenance	100	15.58	1558
	(11)	Barbed wire fencing charge	RKM	Rs.76700/-	30680
			0.4	Per RKM	
	Total Charges				93220
Supervisory / Overhead / Miscellaneous Charges			10% on the CA charges	9322	
Total (A) C.A. Charge				102542	
B	Additional Compensatory Afforestation Charges				
	(1)	1 st Year cost of afforestation	30	359.1	10773
	(2)	2 nd Year maintenance	30	115.35	3461
	(3)	3 rd Year maintenance	30	41.89	1257
	(4)	4 th Year maintenance	30	15.58	467
	(5)	5 th Year maintenance	30	15.58	467
	(6)	6 th Year maintenance	30	15.58	467
	(7)	7 th Year maintenance	30	15.58	467
	(8)	8 th Year maintenance	30	15.58	467

	(9) 9 th Year maintenance	30	15.58	467
	(10) 10 th Year maintenance	30	15.58	467
	(11) Barbed wire fencing charge	RKM 0.12	Rs.76700/- Per RKM	9204
	Total (B) Addl. C.A. Charges			27964
C	Penal C.A.		-	0
	Catchment Area Treatment			
D	Soil and Moisture Conservation charges		30% of the Total CA	39152
	Total (D)			39152
E	Safety Zone (if required)			
F	Additional Charges (if required)	Qty	Rate	0
	Total (F)			
G	Net Present Value of Forest Land to be diverted		Rs. 887000/- per ha.	13216
H	Felling charges	Vol. M ³ 2.69	Rs.1400 /- per m ³	3766
	Grand Total (A+B+C+D+E+F+G+H) to be deposited in CAMPA Fund			186640


2. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:- Plantation will be done with 3 strand barbed wire.
- Spacement:- $4 \times 2\frac{1}{2}$ meter
- Species:- Neem, Pahari Papri, Shisham, Jamun, Jamoa, Gullar, Arjun
- Plantation Method :- Tall Plants Plantation
- Soil and Moisture Conservation Works
- Protection (Fencing, Watch man, People's Participation etc.): - **Fencing**
- Proposed Monitoring Mechanism:- (M&E),
- Any Other information:- Nil.

Place:

Dated :


 Divisional Forest Officer
 Yamuna Nagar Forest Division
 Yamuna Nagar (Haryana)

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