

Full Title of the Project: Diversion of 0.0251 ha. of forest land for access of existing retail outlet (Petrol Pump) of HPCL on Hisar - Barwala Road (NH-65) at Village Barwala near km. Stone 165 Distt. Hisar, under forest- Division & Distt. Hisar Haryana.

FP/HR/Approach/44561/2020

Date of Proposal: 13/02/2020

CHECK LIST SERIAL NUMBER:- 18
"SCHEME FOR COMPENSATORY AFFORESTATION"

Name of the Forest/Reach to be diverted		Full Title of the Project: Diversion of 0.0251 ha. of forest land for access of existing retail outlet (Petrol Pump) of HPCL on Hisar - Barwala Road (NH-65) at Village Barwala near km. Stone 165 Distt. Hisar, under forest- Division & Distt. Hisar Haryana.			
Forest Area (in Ha)		0.0251			
Details of de-graded forest land/non forest land where CA is to be carried out :		CA site :- <u>Rana Minor RD 20 to 30 L/Side</u> A. Hilly/Undulating/Plain.			
Division / District:	Hisar	Range	Hisar	Village.	Khedar
2).	Description of Area :				
i	Whether the site selected for Compensatory Afforestation is a land bank or not				Yes
ii	If the C.A site is other than the land bank, reasons be given				N.A
iii	In case of non-forest area identified for CA, then what is the distance of CA site from adjoining forest boundary				N.A
iv	Soil Type		Sandy Loam		
v	Topography :		a. Hilly/Undulating/Plain.		Undulating
			b. Slope:-Steep/Medium/Gentle.		
vi	Whether the area is bearing any root stock of vegetation				No

3 Plantation of Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up is as under :-

Detail of year wise breakup of requirement of funds is as under :-

The plantation cost is calculated for tall plants norms at Plant to Plant spacing and it is approved by the PCCF, Haryana's letter no. CAMPA/232 dated 11-06-2021 at a spacing of 4 x 4 on the wage rate of Rs. 363.77/- per day as under :-

Year	Plant per Year
1 st Year cost of afforestation	315.33
2 nd Year maintenance	86.90
3 rd Year maintenance	54.09
4 th Year maintenance	10.05
5 th Year maintenance	10.05
6 th Year maintenance	10.05
7 th Year maintenance	10.05
8 th Year maintenance	10.05
9 th Year maintenance	10.05
10 th Year maintenance	10.05
Total	526.67

Area to be Diverted =	0.0251
No. of trees to be felled-	0
Plants to be damaged=	0
Plants to be planted =	100
Area to be Planted (@ 1000 plant per ha.) =	0.10
Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)=	0

S.No	DESCRIPTION	RATE Rs Per Plant	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plants	
	(1) 1 st Year cost of afforestation	100	315.33
	(2) 2 nd Year maintenance		86.90
	(3) 3 rd Year maintenance		54.09
	(4) 4 th Year maintenance		10.05
	(5) 5 th Year maintenance		10.05
	(6) 6 th Year maintenance		10.05
	(7) 7 th Year maintenance		10.05
	(8) 8 th Year maintenance		10.05
	(9) 9 th Year maintenance		10.05
	(10) 10 th Year maintenance		10.05
	(11) Barbed Wire Fencing charges= RKM	0.40	Rs. 200000/- Per RKM
	Total Charges		
	Supervisory / Overhead / Miscellaneous Charges	10% on the CA charges	
Total (A) C.A. Charges			
B	Additional Compensatory Afforestation Charges		
	(1) 1 st Year cost of afforestation	0	315.33
	(2) 2 nd Year maintenance		86.90
	(3) 3 rd Year maintenance		54.09
	(4) 4 th Year maintenance		10.05
	(5) 5 th Year maintenance		10.05
	(6) 6 th Year maintenance		10.05
	(7) 7 th Year maintenance		10.05
	(8) 8 th Year maintenance		10.05
	(9) 9 th Year maintenance		10.05
	(10) 10 th Year maintenance		10.05
	(11) Barbed Wire Fencing charges= RKM	0.00	Rs. 200000/- Per RKM
	Total (B) Addl. C.A. Charges		
	C	Catchment Area Treatment (if required)	
Soil and Moisture Conservation charges		30% of the Total CA	43780
D	Safety Zone (if required)		
E	Additional Charges (if required)	Qty	Rate
F	Net Present Value of Forest Land to be diverted	0.0251 Ha.	Rs. 957780/- ha.
G	Penel C.A (NPV X 5 X 12% Simple Intrest)		
H	Felling charges = Vol m ³	0	Rs. 1200/- Per m ³
			Total
I	Exigency Charges 3% of the total cost of Total CA Scheme		
		G.Total	

3	Technical Details :-		
	Technical Details of Compensatory Afforestation Scheme are as follows :-		
a	General Details		Plantation will be done with 3 standard Barbed fencing in RF/PF.
b	Spacement.		Plant to Plant (4x4)
c	Species.		Neem, Bakain, Shisham, Siris, Jamun, Papri, Arjun, Lassora, Tut, Imli, Awla etc.
d	Plantation Method.		Tall Plantation
e	Soil and Moisture Conservation Works.		
f	Protection (Fencing, watchman, Peoples Participation etc).		Fencing
g	Proposed Monitoring Mechanisim.		M&E
h	Any Other Information		No

Place: Hisar
Dated : 27-11-2021

Divisional Forest Officer
Hisar.

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