

of the Project: Diversion of 0.0228 hac. forest land for access to existing petrol pump of HPCL on Hansi-Barwala at Village Hansi, Tehsil Hansi km. 152 , Under forest- Division & Distt. Hisar Haryana.

/HR/Approach/44559/2020

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 0.0228 hac. forest land for access to existing petrol pump of HPCL on Hansi-Barwala Road at Village Hansi, Tehsil Hansi km. 152 , Under forest- Division & Distt. Hisar Haryana.			
Forest Area (in Ha)		0.0228			
Details of de-graded forest land/non forest land where CA is to be carried out :		CA site - Rewari Bhatinda R/way Line 124-125 L&R A. Hilly/Undulating/Plain.			
Division / District:	Hisar	Range	Hansi	Village.	Hansi
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 4 mtr. Plant to Plant spacing and it is approved by the PCCF, Haryana's letter no. CAMPA/118 dated 01-06-2020 at the wage rate of Rs. 363.77/- per day as under :-

Year	Plant per Year
1 st Year cost of afforestation	419.00
2 nd Year maintenance	92
3 rd Year maintenance	55
4 th Year maintenance	21
5 th Year maintenance	21
6 th Year maintenance	21
7 th Year maintenance	21
8 th Year maintenance	21
9 th Year maintenance	21
10 th Year maintenance	21
Total	713.00

Area to be Diverted =	0.0228
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	419.00	41900
	(2)	2 nd Year maintenance	92	9200
	(3)	3 rd Year maintenance	55	5500
	(4)	4 th Year maintenance	21	2100
	(5)	5 th Year maintenance	21	2100
	(6)	6 th Year maintenance	21	2100
	(7)	7 th Year maintenance	21	2100
	(8)	8 th Year maintenance	21	2100
	(9)	9 th Year maintenance	21	2100
	(10)	10 th Year maintenance	21	2100
	(11)	Barbed Wire Fencing charges= RKM	0.40 Rs. 200000/- Per RKM	80000
	Total Charges			151300
Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	15130	
Total (A) C.A. Charges			166430	
B	Additional Compensatory Afforestation Charges			
	(1)	1 st Year cost of afforestation	419.00	0.00
	(2)	2 nd Year maintenance	92	0.00
	(3)	3 rd Year maintenance	55	0.00
	(4)	4 th Year maintenance	21	0.00
	(5)	5 th Year maintenance	21	0.00
	(6)	6 th Year maintenance	21	0.00
	(7)	7 th Year maintenance	21	0.00
	(8)	8 th Year maintenance	21	0.00
	(9)	9 th Year maintenance	21	0.00
	(10)	10 th Year maintenance	21	0.00
	(11)	Barbed Wire Fencing charges= RKM	0.00 Rs. 200000/- Per RKM	0
Total (B) Addl. C.A. Charges			0	
V	Catchment Area Treatment (if required)			
	Soil and Moisture Conservation charges		30% of the Total CA	49929
D	Safety Zone (if required)			
	Additional Charges (if required)		Qty	Rate
F	Net Present Value of Forest Land to be diverted		Rs. 887000/- ha.	20224
	Penel C.A (NPV X 5 X 12% Simple Intrest)			307405
G	Felling charges = Vol m ³		0 Rs. 1200/- Per m ³	0
			Total	543988
H	Exigency Charges 3% of the total cost of Total CA Scheme			16320
	G.Total			560307

Technical Details :-			
Technical Details of Compensatory Afforestation Scheme are as follows :-			
a	General Details		Plantation will be done with 3 standard Barbed fencing in R/F/PF
b	Spacing.		Inter Plant to Plant
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 : 19-07-2021,

Divisional Forest Officer
Hisar.

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