

Full Title of the Project: Diversion of 0.0173 ha. forest land for access to existing petrol pump of Reliance Industries Limited bearing at Khasra No. 228/2/2/1, 9/1/2, 9/1/lon Uklana - Chandigarh Road Village Uklana, Under forest Division & Distt. Hisar Haryana.

FP/HR/Approach/149107/2021

Date of Proposal: 08/11/2021

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

Name of the Forest/Reach to be diverted		Full Title of the Project: Diversion of 0.0173 ha. forest land for access to existing petrol pump of Reliance Industries Limited bearing at Khasra No. 228/2/2/1, 9/1/2, 9/1/lon Uklana - Chandigarh Road Village Uklana, Under forest Division & Distt. Hisar Haryana.			
Forest Area (in Ha)		0.0173			
Details of de-graded forest land/non forest land where CA is to be carried out :		<u>CA site - Sirsa Old Branch RD 400-412 L/Side</u> <u>A. Hilly/Undulating/Plain.</u>			
Division / District:	Hisar	Range	Hisar	Village.	Uklana
2).	Description of Area :				
i	Whether the site selected for Compensatory Afforestation is a land bank or not				
ii	If the C.A site is other than the land bank, reasons be given				
iii	In case of non-forest area identified for CA, then what is the distance of CA site from adjoining forest boundary				
iv	Soil Type		Sandy Loam		
v	Topography :		<u>a. Hilly/Undulating/Plain.</u> <u>b. Slope:-Steep/Medium/Gentle.</u>		Undulating
vi	Whether the area is bearing any root stock of vegetation				

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

to be Diverted =	0.0173
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	No. of Plants	RATE Rs Per Plant	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	100		
	(1) 1 st Year cost of afforestation		315.33	31533
	(2) 2 nd Year maintenance		86.90	8690
	(3) 3 rd Year maintenance		54.09	5409
	(4) 4 th Year maintenance		10.05	1005
	(5) 5 th Year maintenance		10.05	1005
	(6) 6 th Year maintenance		10.05	1005
	(7) 7 th Year maintenance		10.05	1005
	(8) 8 th Year maintenance		10.05	1005
	(9) 9 th Year maintenance		10.05	1005
	(10) 10 th Year maintenance		10.05	1005
	(11) Barbed Wire Fencing charges= RKM	0.40	Rs. 200000/- Per RKM	80000
	Total Charges			132667
	Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	13267
	Total (A) C.A. Charges			145934
B	Additional Compensatory Afforestation Charges	0		
	(1) 1 st Year cost of afforestation		315.33	0.00
	(2) 2 nd Year maintenance		86.90	0.00
	(3) 3 rd Year maintenance		54.09	0.00
	(4) 4 th Year maintenance		10.05	0.00
	(5) 5 th Year maintenance		10.05	0.00
	(6) 6 th Year maintenance		10.05	0.00
	(7) 7 th Year maintenance		10.05	0.00
	(8) 8 th Year maintenance		10.05	0.00
	(9) 9 th Year maintenance		10.05	0.00
	(10) 10 th Year maintenance		10.05	0.00
	(11) Chain Link Fencing charges= RKM	0.00	Rs. 200000/- Per RKM	0
	Total (B) Addl. C.A. Charges			0
C	Catchment Area Treatment (if required)			
	Soil and Moisture Conservation charges		30% of the Total CA	43780
D	Safety Zone (if required)			
	Additional Charges (if required)	Qty	Rate	
F	Net Present Value of Forest Land to be diverted		Rs. 957780/- ha.	16570
	Penel C.A (NPV X 5 X 12% Simple Interest)			109573
I	Felling charges = Vol m ³	0	Rs. 1200/- Per m3	0
			Total	315856
J	Exigency Charges 3% of the total cost of Total CA Scheme			9476
			G.Total	325332

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 Mechanism.	M&E	
h	Any Other Information	No	

Place: Hisar

Dated : 29-12-2021

Divisional Forest Officer
Hisar.

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