

Full Title of the Project: Diversion of 0.0181 ha. forest land for access to the existing retail outlet of M/s Reliance Industries along Adampur - Mandi - Agroha Road (ODR) km. 0.750 (RHS) at Village Adampur Mandi, Under forest Division & Distt. Hisar Haryana.

P/H/R/Approach/45649/2020

Date of Proposal: 31/05/2020

## CHECK LIST SERIAL NUMBER:- 18

### "SCHEME FOR COMPENSATORY AFFORESTATION"

Name of the Forest/Reach to be diverted		Full Title of the Project: Diversion of 0.0181 ha. forest land for access to the existing retail outlet of M/s Reliance Industries Ltd. along Adampur - Mandi - Agroha Road (ODR) km. 0.750 (RHS) at Village Adampur Mandi, Under forest Division & Distt. Hisar Haryana.			
Forest Area (in Ha)		0.0181			
Details of de-graded forest land/non forest land where CA is to be carried out :		<u>CA site - Chulli Minor RD 0-3 L&amp;R</u> A. Hilly/Undulating/Plain.			
Division / District:	Hisar	Range	Adampur	Village.	Adampur
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	
vi	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/118 dated 01-06-2020 at the wage rate of Rs. 363.77/- per day as under :-

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

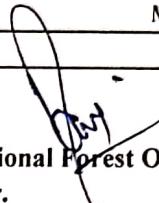
Area Diverted =	0.0181
trees to be felled-	0
is to be damaged=	0
is to be planted =	100
Area to be Planted (@ 1000 plant per ha.) =	0.10
Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)= 0	

S.No	DESCRIPTION	RATE Rs Per Plant	TOTAL AMOUNT (Rs.)	
A	Compensatory Afforestation Charges	No. of Plants		
(1)	1 <sup>st</sup> Year cost of afforestation	100	419.00	
(2)	2 <sup>nd</sup> Year maintenance		92	
(3)	3 <sup>rd</sup> Year maintenance		55	
(4)	4 <sup>th</sup> Year maintenance		21	
(5)	5 <sup>th</sup> Year maintenance		21	
(6)	6 <sup>th</sup> Year maintenance		21	
(7)	7 <sup>th</sup> Year maintenance		21	
(8)	8 <sup>th</sup> Year maintenance		21	
(9)	9 <sup>th</sup> Year maintenance		21	
(10)	10 <sup>th</sup> Year maintenance		21	
(11)	Barbed Wire Fencing charges= RKM	0.40	Rs. 200000/- Per RKM	
	<b>Total Charges</b>		<b>151300</b>	
	Supervisory / Overhead / Miscellaneous Charges	10% on the CA charges	15130	
	<b>Total (A) C.A. Charges</b>		<b>166430</b>	
B	Additional Compensatory Afforestation Charges			
(1)	1 <sup>st</sup> Year cost of afforestation	0	419.00	
(2)	2 <sup>nd</sup> Year maintenance		92	
(3)	3 <sup>rd</sup> Year maintenance		55	
(4)	4 <sup>th</sup> Year maintenance		21	
(5)	5 <sup>th</sup> Year maintenance		21	
(6)	6 <sup>th</sup> Year maintenance		21	
(7)	7 <sup>th</sup> Year maintenance		21	
(8)	8 <sup>th</sup> Year maintenance		21	
(9)	9 <sup>th</sup> Year maintenance		21	
(10)	10 <sup>th</sup> Year maintenance		21	
(11)	Chain Link Fencing charges= RKM	0.00	Rs. 200000/- Per RKM	
	<b>Total (B) Addl. C.A. Charges</b>		<b>0</b>	
C	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	
E	Penal CA for 5 year		143688	
F	Net Present Value of Forest Land to be diverted	Rs. 887000/- ha.	16055	
G	Felling charges = Vol m <sup>3</sup>	0	Rs. 1200/- Per m <sup>3</sup>	0
			<b>Total</b>	<b>376102</b>
H	Exigency Charges 3% of the total cost of Total CA Scheme		11283	
			<b>G.Total</b>	<b>387385</b>

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
c	Species.		Neem, Bakain, Shisham, Siris, Jamun, Papri, Arjun, Lassora, Tut, Iml, 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 : 27-07-2021

  
Divisional Forest Officer  
Hisar.

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