

Full Title of the Project: Diversion of 0.087 ha. forest land in favour of M/s Gitanish Motors Pvt. Ltd. for access to Automobiles Services Garage & Display Windows on NH- 52 Km. 91.865 (LHS) Village Belhalpur & Dhinglana, in District Hisar, under forest Division & Distt. Hisar Haryana.
 PP/HR/Approach/154637/2022
 Date of Proposal: 20/04/2022

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

Name of the Forest/Ranch to be diverted		Full Title of the Project: Diversion of 0.087 ha. forest land in favour of M/s Gitanish Motors Pvt. Ltd. for access to Automobiles Services Garage & Display Windows on NH- 52 Km. 91.865 (LHS) Village Belhalpur & Dhinglana, in District Hisar, under forest Division & Distt. Hisar Haryana.			
Forest Area (in Ha)		0.0870			
Details of de-graded forest land/non forest land where CA is to be carried out :		CA site - Dhansu Minor RD 0-7 <u>W side</u> LAR side			
Division / District	Hisar	Range	Hisar	Village	Belhalpur & Dhinglana
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 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 =	0.087
No. of trees to be felled-	19
Plants to be damaged =	197
Plants to be planted =	568
Area to be Planted ((@ 1000 plant per ha.) =	0.57
Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged) = 394	

S.No	DESCRIPTION		RATE Rs Per Plant	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plants		
	(1) 1 st Year cost of afforestation	174	315.33	54867.00
	(2) 2 nd Year maintenance		86.90	15121.00
	(3) 3 rd Year maintenance		54.09	9412.00
	(4) 4 th Year maintenance		10.05	1749.00
	(5) 5 th Year maintenance		10.05	1749.00
	(6) 6 th Year maintenance		10.05	1749.00
	(7) 7 th Year maintenance		10.05	1749.00
	(8) 8 th Year maintenance		10.05	1749.00
	(9) 9 th Year maintenance		10.05	1749.00
	(10) 10 th Year maintenance		10.05	1749.00
	Total Charges (C.A)			91643.00
	(11) Barbed Wire Fencing charges = RKM	0.70	Rs. 200000/- Per RKM	139200
	G. Total Charges (C.A)			230843
B	Additional Compensatory Afforestation Charges			
	(1) 1 st Year cost of afforestation	394	315.33	124240.02
	(2) 2 nd Year maintenance		86.90	34238.60
	(3) 3 rd Year maintenance		54.09	21311.46
	(4) 4 th Year maintenance		10.05	3959.70
	(5) 5 th Year maintenance		10.05	3959.70
	(6) 6 th Year maintenance		10.05	3959.70
	(7) 7 th Year maintenance		10.05	3959.70
	(8) 8 th Year maintenance		10.05	3959.70
	(9) 9 th Year maintenance		10.05	3959.70
	(10) 10 th Year maintenance			207508
	Total Addl. C.A. Charges			315200
	(11) Barbed Wire Fencing charges = RKM	1.58	Rs. 200000/- Per RKM	522708
	G. Total (B) Addl. C.A. Charges			299151
	Total (A+B) C.A. Charges			29915
	Supervisory / Overhead / Miscellaneous Charges		10% on the CA	329066
	Total (A) C.A. Charges			
C	Catchment Area Treatment (if required)			89745
	Soil and Moisture Conservation charges		30% of the Total CA	
D	Safety Zone (if required)			
	Additional Charges (if required)	Qty	Rate	
F	Net Present Value of Forest Land to be diverted		Rs. 957780/- ha.	0
G	Violation Charges (NPV X 5 X 12% Simple Interest)			0
I	Felling charges = Vol m ³	1.62	Rs. 1200/- Per m ³	1944
			Total	875155
				26255
J	Exigency Charges 3% of the total cost of Total CA Scheme		G.Total	901410

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	Spacing.	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

Date: 12-2-2022

Divisional Forest Officer
Hisar Forest Division
HISAR

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

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NPV Calculation Sheet

Net Present Value to be realized in lieu of diversion of 0.087 Ha. of forest land for Diversion of 0.087 ha. forest land in favour of M/s Gitansh Motors Pvt. Ltd. for access to Automobiles Services Garrage & Display Windows on NH- 52 Km. 91.865 (LHS) Village Belbalpur & Dhingtana, in District Hisar, under forest Division & Distt. Hisar Haryana have been fixed based on the outcome scientific accessment of ecosystem goods and services.

In this case NPV is calculated as per **Eco Class III (Open)** @ 957780/- per ha. Fitment factor of 1.53 i.e @

Diverted Land 0.087 X 957780 = 83327


Divisional Forest Officer
Divisional Forest Division
Hisar HISAR