

Full Title of the Project: Diversion of 0.594 Hac forest land of Executive Engineer, Construction Divn. DHBVN Hisar for erection of new 33 KV line for proposed 132X133 KV S/Stn. Bhojraj to 33 KV S/stn. sector 9&11, Tehsil Hisar under forest Division & District Hisar, Haryana.

FP/HR/Trans/111942/2020

Date of Proposal: 24/12/2020

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

Name of the Forest/Reach to be diverted			Full Title of the Project: Diversion of 0.594 Hac forest land of Executive Engineer, Construction Divn. DHBVN Hisar for erection of new 33 KV line for proposed 132X133 KV S/Stn. Bhojraj to 33 KV S/stn. sector 9&11, Tehsil Hisar under forest Division & District Hisar, Haryana.		
Forest Area (in Ha)			0.594		
Details of de-graded forest land/non forest land where CA is to be carried out :			A. Hilly/Undulating/Plain.		
Division / District:	Hisar	Range	Hisar	Village.	Mirkan Minor 0-9 R/Side
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 :		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 spacing plant to plant and it is approved by the PCCF, Haryana's letter no. CAMPA/118 dated 01-06-2020 at the wage rate of Rs. 347.08/- per day as under :-

Year	Plant per Year
1 st Year cost of afforestation	400.00
2 nd Year maintenance	88
3 rd Year maintenance	52
4 th Year maintenance	20
5 th Year maintenance	20
6 th Year maintenance	20
7 th Year maintenance	20
8 th Year maintenance	20
9 th Year maintenance	20
10 th Year maintenance	20
Total	680.00

Area to be Diverted =	0.594
No. of trees to be felled-	0
Plants to be damaged=	0
Plants to be planted =	1188
Area to be Planted (@ 1000 plant per ha.) =	1.19
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	1188	400.00	475200
	(2) 2 nd Year maintenance		88	104544
	(3) 3 rd Year maintenance		52	61776
	(4) 4 th Year maintenance		20	23760
	(5) 5 th Year maintenance		20	23760
	(6) 6 th Year maintenance		20	23760
	(7) 7 th Year maintenance		20	23760
	(8) 8 th Year maintenance		20	23760
	(9) 9 th Year maintenance		20	23760
	(10) 10 th Year maintenance		20	23760
	(11) Barbed Wire Fencing charges= RKM	4.75	Rs. 200000/- Per RKM	950400
	Total Charges			1758240
	Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	175824
	Total (A) C.A. Charges			1934064
B	Additional Compensatory Afforestation Charges			
	(1) 1 st Year cost of afforestation	0	400.00	0.00
	(2) 2 nd Year maintenance		88	0.00
	(3) 3 rd Year maintenance		52	0.00
	(4) 4 th Year maintenance		20	0.00
	(5) 5 th Year maintenance		20	0.00
	(6) 6 th Year maintenance		20	0.00
	(7) 7 th Year maintenance		20	0.00
	(8) 8 th Year maintenance		20	0.00
	(9) 9 th Year maintenance		20	0.00
	(10) 10 th Year maintenance		20	0.00
	(11) Barbed wire 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	580219
D	Safety Zone (if required)			0
E	Additional Charges (if required)			
	Honda siel WV 30 D Diesel Pump	1	45000	45000
	Other Macheneries			
	Protection Wacher next 10 year	1	347.08/- per mandays x 26 day + 13% EPF and 3.25 % ESI = 10500 per person	1,260,000
	Plantation protection sign board and Display Forest Department Management and Awareness		132000	132000
	Forest Department Management and Awareness compaign		192000	192000
	Bolero Camper for protection and carridge of Plantation	Approx	743000	743000

	Rotavator	1	approx	65000
	L.L. for leveling of plantation site	1	approx	355000
	G.Total			2792000
F	Net Present Value of Forest Land to be diverted		Rs. 887000/- ha.	526878
G	Felling charges = Vol m ³	0	Rs. 1200/- Per m3	0
	Total (A+B+C+D+E+F+G+H) TO BE Deposited in CAMPA			5833161
H	Exigency Charges 3% of the total cost of C.A Scheme			174995
			G.Total	6008156
3	Technical Details :-			
	Technical Details of Compensatory Afforestation Scheme are as follows :-			
a	General Details			Plantation will be done with 3 standard Barbed fencing
b	Spacement.			4 x 2.5 mtr.
c	Species.			Neem, Bakain, Shisham, Siris, Jamun, Papri, Arjun,
d	Plantation Method.			Tall Plantation
e	Soil and Moisture Conservation Works.			NIL
f	Protection (Fencing, watchman, Peoples Participation etc).			Fencing
g	Proposed Monitoring Mechanisim.			M&E
h	Any Other Information			No

Place: Hisar
Dated : 26/02/2021

Divisional Forest Officer,
Hisar