

Full Title of the Project: Diversion of 0.7934 ha. forest land in favour of Executive Engineer, Provincial Division No.1, PWD B&R, Hisar for construction of 2-Lane ROB on LC-114 on Mandi Adampur to Daroli Road at Adampur, District Hisar, under forest Division & Distt. Hisar Haryana.

FP/HR/Road/151320/2022

Date of Proposal: 18/01/2022

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

Name of the Forest/Reach to be diverted			Full Title of the Project: Diversion of 0.7934 ha. forest land in favour of Executive Engineer, Provincial Division No.1, PWD B&R, Hisar for construction of 2-Lane ROB on LC-114 on Mandi Adampur to Daroli Road at Adampur, District Hisar, under forest Division & Distt. Hisar Haryana.		
Forest Area (in Ha)			0.7934		
Details of de-graded forest land/non forest land where CA is to be carried out :			CA site - Kheri Distry RD 58-60 L&R 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
			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 =	0.7934
No. of trees to be felled-	23
... damaged=	0
Plants to be planted =	1587
Area to be Planted (@ 1000 plant per ha.) =	1.59
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	1587	500429
	(2) 2 nd Year maintenance		137910
	(3) 3 rd Year maintenance		85841
	(4) 4 th Year maintenance		15949
	(5) 5 th Year maintenance		15949
	(6) 6 th Year maintenance		15949
	(7) 7 th Year maintenance		15949
	(8) 8 th Year maintenance		15949
	(9) 9 th Year maintenance		15949
	(10) 10 th Year maintenance		15949
	(11) Barbed Wire Fencing charges= RKM	6.35	1269600
	Total Charges		2105423
B	Additional Compensatory Afforestation Charges		
	(1) 1 st Year cost of afforestation	0	0.00
	(2) 2 nd Year maintenance		0.00
	(3) 3 rd Year maintenance		0.00
	(4) 4 th Year maintenance		0.00
	(5) 5 th Year maintenance		0.00
	(6) 6 th Year maintenance		0.00
	(7) 7 th Year maintenance		0.00
	(8) 8 th Year maintenance		0.00
	(9) 9 th Year maintenance		0.00
	(10) 10 th Year maintenance		0.00
	(11) Chain Link Fencing charges= RKM	0.00	0
	Total (B) Addl. C.A. Charges		0
	Total (A+B) C.A. Charges		2105423
	Supervisory / Overhead / Miscellaneous Charges	10% on the CA	210542
	Total (A) C.A. Charges		2315965
C	Catchment Area Treatment (if required)		
	Soil and Moisture Conservation charges	30% of the Total CA	631627
D	Safety Zone (if required)		
	Additional Charges (if required)	Qty	Rate
F	Net Present Value of Forest Land to be diverted		Rs. 1228590/- ha.
			974763
G	Penel C.A (NPV X 5 X 12% Simple Intrest)		0
I	Felling charges = Vol m ³	22.51	Rs. 1200/- Per m3
			27012
		Total	3949368
J	Exigency Charges 3% of the total cost of Total CA Scheme		118481
		G.Total	4067849

3	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

Dated : 07-03-2022

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.