

Full Title of the Project: Diversion of 4.0928 hac. forest land in favour of Executive Engineer, Construction Division No. 6, Irrigation and Water Resources Deptt. for Remodeling of New Siwani Feeder from RD 76170 to 172376, Under forest- Division & Distt. Hisar Haryana.
 Div. No. 6, Distt. Hisar Haryana.
 FP/HR/Ctrial/125814/2021
 Date of Proposal: 05/03/2021

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

Name of the Forest/Reach to be diverted		Full Title of the Project: Diversion of 4.0928 hac. forest land in favour of Executive Engineer, Construction Division No. 6, Irrigation and Water Resources Deptt. for Remodeling of New Siwani Feeder from RD 76170 to 172376, Under forest- Division & Distt. Hisar Haryana.			
Forest Area (in Ha)		4.0928			
Details of de-graded forest land/non forest land where CA is to be carried out :		<u>CA site</u> A. Hilly/Undulating/Plain.			
Division / District:	Hisar	Range	Hisar & Hansi	Village.	Hansi & Hisar
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/118 dated 01-06-2020 at the wage rate of Rs. 363.77/- per day as under :-

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

Area to be Diverted =	4.0928
No. of trees to be felled-	527
Plants to be damaged=	7228
Plants to be planted =	8186
Area to be Planted (@ 1000 plant per ha.) =	8.19
Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)=	14456

S.No	DESCRIPTION		RATE Rs Per Plant	TOTAL AMOUNT (Rs.)	
A	Compensatory Afforestation Charges				
		No. of Plants			
	(1)	1 st Year cost of afforestation	419.00	3429934	
	(2)	2 nd Year maintenance	92	753112	
	(3)	3 rd Year maintenance	55	450230	
	(4)	4 th Year maintenance	21	171906	
	(5)	5 th Year maintenance	21	171906	
	(6)	6 th Year maintenance	21		
	(7)	7 th Year maintenance	21	171906	
	(8)	8 th Year maintenance	21	171906	
	(9)	9 th Year maintenance	21	171906	
	(10)	10 th Year maintenance	21	171906	
	(11)	Barbed Wire Fencing charges= RKM	32.74	Rs. 200000/- Per RKM	6548800
	Total Charges				12213512
Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges		1221351	
Total (A) C.A. Charges				13434863	
B	Additional Compensatory Afforestation Charges				
	(1)	1 st Year cost of afforestation	14456	419.00	6057064.00
	(2)	2 nd Year maintenance		92	1329952.00
	(3)	3 rd Year maintenance		55	795080.00
	(4)	4 th Year maintenance		21	303576.00
	(5)	5 th Year maintenance		21	303576.00
	(6)	6 th Year maintenance		21	303576.00
	(7)	7 th Year maintenance		21	303576.00
	(8)	8 th Year maintenance		21	303576.00
	(9)	9 th Year maintenance		21	303576.00
	(10)	10 th Year maintenance		21	303576.00
	(11)	Barbed Wire Fencing charges= RKM	57.82	Rs. 200000/- Per RKM	11564800
Total (B) Addl. C.A. Charges				21871928	
C	Catchment Area Treatment (if required)				
	Soil and Moisture Conservation charges		30% of the Total CA		10592037
D	Safety Zone (if required)				
Additional Charges (if required)		Qty	Rate		
Gypsum Application +Green manuring to reclaim soil+Casualty replacement+construction of sub surface drainage as per need		22.5 ha treatment	60000(AS per guideline of Min of Agri(GOI)	1,350,000	
Protection Wacher next 10 year		2	363.77/- per mandays x 26 day + 13% EPF and 3.25 % ESİ = Orsay 11000 per person	2640000	

	Forester Quarter of better management and protection of the area	1 No.	1200000	1200000
	Tubewell for Irrigation of Plantation	3 No.	LS 190000	570000
	Plantation protection sign board and Display Forest Department Management and Awareness		82000	82000
			Total	5,842,000
F	Net Present Value of Forest Land to be diverted		Rs. 887000/- ha.	3630314
G	Felling charges = Vol m ³	437.71	Rs. 1200/- Per m ³	525252
			Total	55896394
H	Exigency Charges 3% of the total cost of Total CA Scheme			1676892
			G.Total	57573286
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	Spacement.			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 : 2/4/2021

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.