

Full Title of the Project: Diversion of 0.3293 Ha. for Forest Land for permission of laying of Prop. 300 i/D RCC NP2 Pipe in Channel from B.L.C Distry at RD 226834-R to existing water works at, Village Charnaund Tehsil Hisar under Forest Division & District Hisar, Haryana.
Online Proposal No.:- FP/HR/Water/43922/2020
Date of Proposal: 13/01/2020

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

Name of the Forest/Reach to be diverted		Full Title of the Project: Diversion of 0.3293 Ha. for Forest Land for permission of laying of Prop. 300 i/D RCC NP2 Pipe in Channel from B.L.C Distry at RD 226834-R to existing water works at, Village Charnaund Tehsil Hisar under Forest Division & District Hisar, Haryana.			
Forest Area (in Ha)		0.3293			
Details of de-graded forest land/non forest land where CA is to be carried out :		A. Hilly/Undulating/Plain.			
1). District:	Hisar	Range	Hisar	Village.	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 4 mtr x 2.5 mtr spacing and it is approved by the PCCF, Haryana's letter no. CAMPA/2729 dated 03-07-2018 at the wage rate of Rs. 326.82/- per day as under :-

Year	Plant per Year
1 st Year cost of afforestation	359.10
2 nd Year maintenance	115.35
3 rd Year maintenance	41.89
4 th Year maintenance	15.58
5 th Year maintenance	15.58
6 th Year maintenance	15.58
7 th Year maintenance	15.58
8 th Year maintenance	15.58
9 th Year maintenance	15.58
10 th Year maintenance	15.58
Total	625.40

Area to be Diverted =	0.3293
No. of trees to be felled-	99
Plants to be damaged=	0
Plants to be planted =	990
Area to be Planted (@ 1000 plant per ha.) =	0.99
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	990	359.10	355509
	(2) 2 nd Year maintenance		115.35	114197
	(3) 3 rd Year maintenance		41.89	41471
	(4) 4 th Year maintenance		15.58	15424
	(5) 5 th Year maintenance		15.58	15424
	(6) 6 th Year maintenance		15.58	15424
	(7) 7 th Year maintenance		15.58	15424
	(8) 8 th Year maintenance		15.58	15424
	(9) 9 th Year maintenance		15.58	15424
	(10) 10 th Year maintenance		15.58	15424
	(11) Barbed wire Fencing charges= RKM	3.96	Rs. 170000/- Per RKM	673200
	Total Charges			1292345
Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	129235	
Total (A) C.A. Charges			1421580	
B	Additional Compensatory Afforestation Charges			
	(1) 1 st Year cost of afforestation	0	359.10	0.00
	(2) 2 nd Year maintenance		115.35	0.00
	(3) 3 rd Year maintenance		41.89	0.00
	(4) 4 th Year maintenance		15.58	0.00
	(5) 5 th Year maintenance		15.58	0.00
	(6) 6 th Year maintenance		15.58	0.00
	(7) 7 th Year maintenance		15.58	0.00
	(8) 8 th Year maintenance		15.58	0.00
	(9) 9 th Year maintenance		15.58	0.00
	(10) 10 th Year maintenance		15.58	0.00
	(11) Barbed wire Fencing charges= RKM	0.00	Rs. 170000/- Per RKM	0
	Total (B) Addl. C.A. Charges			0
C	Catchment Area Treatment (if required)			426474
	Soil and Moisture Conservation charges		30% of the Total CA	0
D	Safety Zone (if required)			
E	Additional Charges (if required)	Qty	Rate	190000
	Augar	2	95000	
	Total (F)			190000
	Total (E)			292089
F	Net Present Value of Forest Land to be diverted		Rs. 887000/- ha.	85344
G	Felling charges = Vol m ³		Rs. 1200/- Per m ³	
H	Exigency Charges 3% of the total cost of			2415486
Grand Total (A+B+C+D+E+F+G+H) TO BE Deposited in CAMPA				2415490
			Or Say	

3	Technical Details :-		
	Technical Details of Compensatory Afforestation Scheme are as follows :-		
a	General Details		Plantation will be done with 3 standard chain link fencing in RF/PF.
b	Spacing.		4 x 2.5 mtr.
c	Species.		Near, Bakain, Shisham, Siris, Jamun, Papri etc.
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 : 1/4/2020

Smil
Divisional Forest Officer
Hisar Forest Division
Divisional Forest Officer,
Hisar.

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