

Title of the Project: Diversion of 0.3339 Ha. for laying of proposed 450mm I/d RCC Pipe line from Minor (Modakhera) on Mohabatpur road to Mahalsara Road on the left, under Forest Division & District Hisar, Haryana.

Online Proposal No.: FP/HR/Water/45062/2020

Date of Proposal: 13/03/2020

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

Name of the Forest/Reach to be diverted			Full Title of the Project: Diversion of 0.3339 Ha. for laying of proposed 450mm I/d RCC Pipe line from Minor (Modakhera) on Mohabatpur road to Mahalsara Road on the left, under Forest Division & District Hisar, Haryana.		
Forest Area (in Ha)			0.3339		
Details of de-graded forest land/non forest land where CA is to be carried out :			A. Hilly/Undulating/Plain.		
Division / District	Hisar	Range	Adampur	Village	Modakhera
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 =	0.3339
No. of trees to be felled-	15
Plants to be damaged=	0
Plants to be planted =	668
Area to be Planted (@ 1000 plant per ha.) =	0.67
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	668	359.10	239879
	(2) 2 nd Year maintenance		115.35	77054
	(3) 3 rd Year maintenance		41.89	27983
	(4) 4 th Year maintenance		15.58	10407
	(5) 5 th Year maintenance		15.58	10407
	(6) 6 th Year maintenance		15.58	10407
	(7) 7 th Year maintenance		15.58	10407
	(8) 8 th Year maintenance		15.58	10407
	(9) 9 th Year maintenance		15.58	10407
	(10) 10 th Year maintenance		15.58	10407
	(11) Barbed wire Fencing charges= RKM	2.67	Rs. 200000/- Per RKM	534400
	Total Charges			952165
	Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	95217
	Total (A) C.A. Charges			1047382
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. 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	314214
D	Safety Zone (if required)			0
E	Additional Charges (if required)		Qty	Rate
	Total (F)			
	Total (E)			
F	Net Present Value of Forest Land to be diverted		Rs. 887000/- ha.	296169
G	Felling charges = Vol m ³	11.45	Rs. 1200/- Per m ³	13740
H	Exigency Charges 3% of the total cost of			
	Grand Total (A+B+C+D+E+F+G+H) TO BE Deposited in CAMPA			1671505
	Or Say			1671510

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 RE/PF
b	Spacement.		4 x 2.5 mtr
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.		NIL
f	Protection (Fencing, watchman, Peoples Participation etc).		Fencing
g	Proposed Monitoring Mechanisim.		M&E
h	Any Other Information		No

Place: Hisar
Dated : 20/6/2020


Dy. Conservator of Forest
Divisional Forest Officer,
Hisar. **HISAR**

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