

Full Title of the Project: Diversion of 0.185 hect. of Forest land in favour of Executive Engineer, HSVP Division No.1, Hisar for laying of external HUDA Sewer Line in Sector 6, 7, 8 & 9 under Forest Division & Distt. Jind (Haryana).

File No. : FP/HR/Others/27730/2017

Date of Proposal: 30-06-2021

CHECK LIST SERIAL NUMBER:-18

"SCHEME FOR C.A."

Name of the Forest/Reach to be diverted: Diversion of 0.185 hect. of Forest land in favour of Executive Engineer, HSVP Division No.1, Hisar for laying of external HUDA Sewer Line in Sector 6, 7, 8 & 9 under Forest Division & Distt. Jind (Haryana).

Forest Area = 0185 hect

Details of degraded forest land/non-forest land where C.A. is to be carried out.

Division Jind District Jind Tehsil Jind Range Jind
C.A. Site name : **Jind No.5 RD 35-60 L&R**

Area to be Afforested :-

- a) Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No): **Yes**
- b) If the CA site is other than the land bank, reasons be given:- **N/A**
In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary :- **N/A**
- i) Soil type: **sandy to sandy loam**
- ii) Topography a. Hilly/Undulating/Plain: **Plain**
b. Slope:-Steep/Medium/Gentle: **Gentle**
- iii) Whether the area is bearing any root stock of vegetation:- **---**

Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up is as under ;

1. Schedule of Plantation Programme:-

Detail of year wise break-up of requirements of funds is as under:-

The plantation cost is calculated for Tall Plants norms at 4m x 2½m spacing at the wage rate of Rs. 347.08/- per day as under:-

Year	Rate per Plant
1 st Year cost of afforestation	Rs. 381.28/- Per Plant
2 nd Year maintenance	Rs. 122.48/- Per Plant
3 rd Year maintenance	Rs. 44.48/- Per Plant
4 th Year maintenance	Rs. 16.54/- Per Plant
5 th Year maintenance	Rs. 16.54/- Per Plant
6 th Year maintenance	Rs. 16.54/- Per Plant
7 th Year maintenance	Rs. 16.54/- Per Plant
8 th Year maintenance	Rs. 16.54/- Per Plant
9 th Year maintenance	Rs. 16.54/- Per Plant
10 th Year maintenance	Rs. 16.54/- Per Plant
Total	Rs. 664.02 /-

Area to be Diverted : 0.185 ha.

No. of Tree to be felled : 2

No. of Plant to be damaged: Nil

Plants to be Planted under normal CA : 370 (@ 1000 plants per ha.)

Area to be Planted under normal CA : 0.370 ha.. (@1000 Plant per ha.)

Plant to be Planted under Penal CA: 0.00 (@1000 Plant per ha.)

Additional CA is lieu of Plants to be damaged (Double the plants to be Damaged) =Nil

Area to be Planted under Addl. CA : Nil (@ 1000 plants per ha.)

Total No. of Plants to be Planted (CA+Penal.CA) : 370

Total Area to be Planted (CA+ Penal.CA) 0.370 ha. (@ 1000 plants per ha.)

S.No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plants		
	(1) 1 st Year cost of afforestation	370	Rs. 381.28/- Per Plant	141074
	(2) 2 nd Year maintenance		Rs. 122.48/- Per Plant	45318
	(3) 3 rd Year maintenance		Rs. 44.48/- Per Plant	16458
	(4) 4 th Year maintenance		Rs. 16.54/- Per Plant	6120
	(5) 5 th Year maintenance		Rs. 16.54/- Per Plant	6120
	(6) 6 th Year maintenance		Rs. 16.54/- Per Plant	6120
	(7) 7 th Year maintenance		Rs. 16.54/- Per Plant	6120
	(8) 8 th Year maintenance		Rs. 16.54/- Per Plant	6120
	(9) 9 th Year maintenance		Rs. 16.54/- Per Plant	6120
	(10) 10 th Year maintenance		Rs. 16.54/- Per Plant	6120
	(11) Barbed wire fencing charge= 1.48 RKM			Rs.200000/- Per RKM
	Total Charges			541690
Supervisory / Overhead / Miscellaneous Charges			10% on the CA charges	54169
Total (A) C.A. Charges			595859	
B	Additional Compensatory Afforestation Charges/			
	(1) 1 st Year cost of afforestation	0	Rs. 381.28/- Per Plant	0
	(2) 2 nd Year maintenance		Rs. 122.48/- Per Plant	0
	(3) 3 rd Year maintenance		Rs. 44.48/- Per Plant	0
	(4) 4 th Year maintenance		Rs. 16.54/- Per Plant	0
	(5) 5 th Year maintenance		Rs. 16.54/- Per Plant	0
	(6) 6 th Year maintenance		Rs. 16.54/- Per Plant	0
	(7) 7 th Year maintenance		Rs. 16.54/- Per Plant	0
	(8) 8 th Year maintenance		Rs. 16.54/- Per Plant	0
	(9) 9 th Year maintenance		Rs. 16.54/- Per Plant	0
	(10) 10 th Year maintenance		Rs. 16.54/- Per Plant	0
	(11) Barbed wire fencing charge= 0RKM			Rs.200000/- Per RKM
Total (B) Addl. C.A. Charges			0	

C	Penal CA Charges			65
	(1) 1 st Year cost of afforestation	0	Rs. 381.28/- Per Plant	0
	(2) 2 nd Year maintenance		Rs. 122.48/- Per Plant	0
	(3) 3 rd Year maintenance		Rs. 44.48/- Per Plant	0
	(4) 4 th Year maintenance		Rs. 16.54/- Per Plant	0
	(5) 5 th Year maintenance		Rs. 16.54/- Per Plant	0
	(6) 6 th Year maintenance		Rs. 16.54/- Per Plant	0
	(7) 7 th Year maintenance		Rs. 16.54/- Per Plant	0
	(8) 8 th Year maintenance		Rs. 16.54/- Per Plant	0
	(9) 9 th Year maintenance		Rs. 16.54/- Per Plant	0
	(10) 10 th Year maintenance		Rs. 16.54/- Per Plant	0
	(11) Barbed wire fencing charge= 0 RKM		Rs. 200000/- Per RKM	0
Total (C) Penal C.A. Charges			0	
D	Catchment Area Treatment			
	Soil and Moisture Conservation charges	30% of the Total CA	178758	
	Total (D)		178758	
E	Safety Zone (if required)		0	
F	Additional Charges (If required)	Qty	Rate	
	Survey and Demarcation		100000	
	Guard Hut/Forester Room		0	
	Tubewell for Nursery		0	
	Equipment for cultural operations		200000	
	Total (F)		300000	
G	Net Present Value of Forest Land to be diverted 0.185 ha	Rs. 887000/- per ha.	164095	
H	Penalty for violation as provision B(i) of MoEFCC Letter No. 11-42/2017-FC dt 29/01/2018 with interest. Period of violation from ---- to ---- (No. of days = Nil days) (Be taken 20% as per govt. project.)	Actual NPV+ Interest @ 12% per annum (Nil (12% pa)=Nil)	0	
I	Less 20 % of NPV		0	
J	Total NPV+ Interest @12% per annum		0	
K	Felling charges = 0.71 m³	Rs.1200 /- per m ³	852	
	G.TOTAL (A+B+C+D+E+F+G+H+I+J+K) to be deposited in Campa		1239564	

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details:- Plantation will be done with 3 strand barbed wire.
- b) Spacement:- 4 × 2½ meter
- c) Species:- **Bel Pather, Arjun, Siris. Shisham, Kikar, Neem, Jamun, etc.**
- d) Plantation Method :- **ANR** Plantation
- e) Soil and Moisture Conservation Works
- f) Protection (Fencing, Watch man, People's Participation etc.):- **Fencing**
- g) Proposed Monitoring Mechanism: - **(M&E),**
- h) Any Other information: - Nil.

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


 Divisional Forest Officer
Divisional Forests Officer
 Forest Division