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Full Title of the Project :- Diversion of 0.288 Ha. of Forest Land for construction of new HL Bridge down stream side of existing HL Bridge on Ghaggar river at Km. 235 on Kaithal-Patiala Road, under Forest Division & Distt. Kaithal, Haryana.

File No :- FP/HR/ROAD/19835/2016

Date of Proposal : 20/09/2016

CHECK LIST SERIAL NUMBER: 17

" Scheme for C.A."

Name of the Forest/Reaches to be diverted:

Diversion of 0.288 Ha. of Forest Land for construction of new HL Bridge down stream side of existing HL Bridge on Ghaggar river at Km. 235 on Kaithal-Patiala Road, under Forest Division & District Kaithal.

Forest Area = 0.288 ha.

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

Division **Kaithal** District **Kaithal**
Tehsil **Kaithal** Range **Kaithal**

C.A. Site Name : **RF Siwan Compartment No. 8 Teh. Kaithal Distt. Kaithal**

Area to be Afforested :-

a) Whether the site selected for Compensatory Afforestation is a land bank (Yes or Not : **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: _____

i) Soil type : **Sandy Loam**

ii) Topography :

(a) **Hilly/Undulating/Plain**

(b) **Slope: Steep/Medium/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 2.5m spacing and it is approved by PCCF, Haryana's letter No. Misc- dated at the wage rate of Rs. 224/- per day as under:

Sr. No.	Year	Rate per Plant
1	Ist Year cost of afforestation	Rs. 172/- Per Plant
2	IInd Year Plantation	Rs. 64/- Per Plant
3	IIId Year Plantation	Rs. 32/- Per Plant
4	IVth Year Plantation	Rs. 25/- Per Plant
5	Vth Year Plantation	Rs. 26/- Per Plant
6	VIth Year Plantation	Rs. 15/- Per Plant
7	VIIth Year Plantation	Rs. 8/- Per Plant
8	VIIIth Year Plantation	Rs. 9/- Per Plant
9	IXth Year Plantation	Rs. 10/- Per Plant
10	Xth Year Plantation	Rs. 11/- Per Plant
	Total	372/-

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Area to be Diverted = 0.288 Ha.

No. of trees to be felled = 3

Plants to be damaged =

Area to be planted = Two time of the area to be diverted = $0.288 \times 2 = 0.576$

Number of Plants to be Planted $0.576 \times 1000 = 576$ Plants

S. No.	Description	Rate	Total Amount (Rs.)
A	Nett present value of Forest Land to be diverted	Rs. 8.87 Lacs/Ha	255456
B	Compensatory Afforestation Charges	No. of Plants	
1	1 st Year cost of afforestation	576	Rs. 172/- Per Plant 99072
2	2 nd year maintenance	576	Rs. 64/- Per Plant 36864
3	3 rd year maintenance	576	Rs. 32/- Per Plant 18432
4	4 th year maintenance	576	Rs. 25/- Per Plant 14400
5	5 th year maintenance	576	Rs. 26/- Per Plant 14976
6	6 th year maintenance	576	Rs. 15/- Per Plant 8640
7	7 th year maintenance	576	Rs. 8/- Per Plant 4608
8	8 th year maintenance	576	Rs. 9/- Per Plant 5184
9	9 th year maintenance	576	Rs. 10/- Per Plant 5760
10	10 th year maintenance	576	Rs. 11/- Per Plant 6336
11	Barbed wire fencing charges	2.304 Rkm	Rs. 76700/- per rkm 176717
	Total C.A. charges (1 to 11)		390989
C	Supervisory/Overhead/ Misc. Charger	10% on the total CA charges	39098
D	Additional Compensatory Afforestation Charges 500.00 = 1000		
1	1 st Year cost of afforestation		Rs. 172/- Per Plant
2	2 nd year maintenance		Rs. 64/- Per Plant
3	3 rd year maintenance		Rs. 32/- Per Plant
4	4 th year maintenance		Rs. 25/- Per Plant
5	5 th year maintenance		Rs. 26/- Per Plant
6	6 th year maintenance		Rs. 15/- Per Plant
7	7 th year maintenance		Rs. 8/- Per Plant
8	8 th year maintenance		Rs. 9/- Per Plant
9	9 th year maintenance		Rs. 10/- Per Plant
10	10 th year maintenance		Rs. 11/- Per Plant
11	Barbed wire fencing charges	Rkm	Rs. 76700/- per rkm
	Sub Total (D) Total Addl. C.A. Charges		0
E	Penal C.A.		0
F	Total C.A. Charges (B+C)		430087
G	Felling Charges = 2.40 M ³	Rs. 1000/- per M ³	2400
H	Plantation damage charges = 0 plant	Rs. 236/- per plant	0
I	Any Other Charges	--	0
	Grand Total A+D+E+F+G+H+I to be deposited in CAMPA Fund		687943

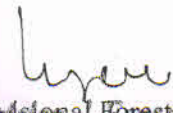
Regional Forest Office
Patna Forest Division
25/11/2018

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Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details :- **Compensatory Afforestation will be carried out alongwith R.F. Siwan Compartment No. 8**
- b) Spacing :- **4x2.5**
- c) Species :- **Neem, Bakain, Papri, Jamun, Bar, Pipal, Suhajna etc.**
- d) Plantation Method: **Tall Plantation**
- e) Soil and Moisture Conservation Works:- **Nil**
- f) Protection (Fencing, Watch man, People's Participation etc.): **Fencing**
- g) Proposed Monitoring Mechanism : **(M&E)**
- h) Any other information:- **Nil**


Divisional Forest Officer
Kaithal Forest Division
Kaithal