

Full Title of the Project: **Diversion of 0.0119 ha. of forest land for establishment of Kalyani Hari Charitable Trust building on Siwani Isharwal road at village Siwani, Tehsil Siwani & Distt. Bhiwani, under Forest Division, Bhiwani.**

File No. : FCA/S/ **FP/HR/Approach/145097/2021.**

Date of Submission: **23/07/2021.**

CHECK LIST SERIAL NUMBER:-18

"SCHEME FOR C.A."

Name of the Forest/Reach to be diverted - Forest land for establishment of Kalyani Hari Charitable Trust building on Siwani Isharwal road at village Siwani, Tehsil Siwani & Distt. Bhiwani, under Forest Division, Bhiwani.

Forest Area = 0.0119 ha.

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

Division:

District :

Area to be Afforested :- 0.14 ha.

- a) Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No): No.
- b) If the CA site is other than the land bank, reasons be given:-
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: **Good**
- ii) Topography a. Hilly/Undulating/Plain: **Plain**
b. Slope:-Steep/Medium/Gentle: **Gentle**
- iii) Whether the area is bearing any root stock of vegetation:- **No**

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. 382 per day as under:-

Year	Rate per Plant
1 st Year cost of afforestation	Rs. 400 Per Plant
2 nd Year maintenance	Rs. 98 Per Plant
3 rd Year maintenance	Rs. 61 Per Plant
4 th Year maintenance	Rs. 25 Per Plant
5 th Year maintenance	Rs. 27 Per Plant
6 th Year maintenance	Rs. 30 Per Plant
7 th Year maintenance	Rs. 33 Per Plant
8 th Year maintenance	Rs. 36 Per Plant
9 th Year maintenance	Rs. 40 Per Plant
10 th Year maintenance	Rs. 44 Per Plant
Total	Rs.794

Area to be Diverted : 0.0119 ha.

No. of Trees to be felled : 02

No. of Plants to be damaged : 20.

Area to be planted under normal CA : 0.10 (Double the area to be diverted)

Plants to be Planted under normal CA : 100 nos. (@ 1000 plants per ha.)

Additional C.A. : 0.040 ha. in lieu of plants to be damaged (Double the plants to be damaged)= 40 Plants

Area to planted under Addl. CA : 0.040 (@ 1000 plants per ha.)

Total No. of plants to be planted (CA) 140

Total Area to be planted (CA+Addl.CA) : 0.140 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	100	Rs. 400/- Per Plant	40000
	(2) 2 nd Year maintenance		Rs. 98/- Per Plant	9800
	(3) 3 rd Year maintenance		Rs. 61/- Per Plant	6100
	(4) 4 th Year maintenance		Rs. 25/- Per Plant	2500
	(5) 5 th Year maintenance		Rs. 27/- Per Plant	2700
	(6) 6 th Year maintenance		Rs. 30/- Per Plant	3000
	(7) 7 th Year maintenance		Rs. 33/- Per Plant	3300
	(8) 8 th Year maintenance		Rs. 36/- Per Plant	3600
	(9) 9 th Year maintenance		Rs. 40/- Per Plant	4000
	(10) 10 th Year maintenance		Rs. 44/- Per Plant	4400
	(11) Barbed wire fencing charge= $100/250 = 0.4$ Both sides $0.4 \times 2 = 0.8$ RKM		Rs.200000/- Per RKM	160000
	Total Charges			239400
	Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	23940
	Sub Total (A) Total C.A. Charges			263340
B	Additional Compensatory Afforestation Charges			
	(1) 1 st Year cost of afforestation	40	Rs. 400/- Per Plant	16000
	(2) 2 nd Year maintenance		Rs. 98/- Per Plant	3920
	(3) 3 rd Year maintenance		Rs. 61/- Per Plant	2440
	(4) 4 th Year maintenance		Rs. 25/- Per Plant	1000
	(5) 5 th Year maintenance		Rs. 27/- Per Plant	1080

	(6) 6 th Year maintenance	Rs. 30/- Per Plant	1200
	(7) 7 th Year maintenance	Rs. 33/- Per Plant	1320
	(8) 8 th Year maintenance	Rs. 36/- Per Plant	1440
	(9) 9 th Year maintenance	Rs. 40/- Per Plant	1600
	(10) 10 th Year maintenance	Rs. 44/- Per Plant	1760
	(11) Barbed wire fencing charge= $40/250 = 0.16$ Both sides = $0.16 \times 2 = 0.32$ RKM	Rs.200000/- Per RKM	64000
	Sub Total (B) Total Addl. C.A. Charges		95760
C	Penal C.A.		
	Total		359100
D	Catchment Area Treatment		
	Soil and Moisture Conservation charges	30% of the Total CA	107730
	Sub Total (D)		0
E	Safety Zone		0
F	Additional Charges		
		0
		0
	Sub Total (F)		0
G	Net Present Value of Forest Land to be diverted = 0.0119 ha.	Rs. 1228590/- per ha.	14620
H	Felling charges 0.28 m ³	Rs.1400 /- per m ³	392
I	Plantation damage charges = 0 Plants	Rs. 236/- per plant	0
	GRAND TOTAL (A+B+C+D+E+F+G+H+I) to be deposited in CAMPA Fund		481842

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:- Plantation will be done with 3 strand barbed wire
- Spacing:- $4 \times 2\frac{1}{2}$ meter
- Species:-
- Plantation Method :- Plantation
- Soil and Moisture Conservation Works
- Protection (Fencing, Watch man, People's Participation etc.): - Fencing
- Proposed Monitoring Mechanism:- (M&E),
- Any Other information:- Nil.

Date:

Place Bhiwani

Deputy Conservator
Bhiwani

Forest,

28/1/2022