

Full Title of the Project : Diversion of 0.0098 Ha. Forest land for Construction of Approach access Nizampur Nangal Chaudhary road to Bayal road for Shree Ram Stone Crusher Panchnota under Forest Division & Distt. Mahendergarh, Haryana.

File No. : FP/HR/Approach/154002/2022

Date of Proposal : 01-04-2022

CHECK LIST SERIAL NUMBER :- 18

"SCHEME FOR C.A. " (Model-1)

Name of the Forest/Reach to be diverted for Construction of Approach access Nizampur Nangal Chaudhary road to Bayal road for Shree Ram Stone Crusher Panchnota, under Forest Division & Distt. Mahendergarh, Haryana.

Forest Area = 0.0098 ha.

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

Division: Mahendergarh District: Mahendergarh Range: Mahendergarh C.A. Site

Name: R.F. Budin to be afforested:-

- i) Whether the site selected for Compensatory Afforestation is a Land bank or
Not: - **No, the site selected for compensatory afforestation is not a land bank.**
- ii) If the CA site is other than the land bank, reasons are given: - There is no land bank in District Mahendergarh. **Plantation will be done at Protected Forest area.**
In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary:-
- iii) Soil type Sandy Loam
- iv) Topography a. Hilly/**Undulating/Plain**:
b. Slope: - Steep/**Medium**/Gentle
- v) Whether the area is bearing any root stock of vegetation:-**Acacia tortilis**.

Plantation Model :-

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

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

The Estimated cost of plantation & Maintenance of 100 Plants for next ten year by revising the CA Scheme rate rupees 679.35 per plants from existing wage rate Rs. 363.77/- per day to Rs. 400/- per day, increasing 10% for the year 2022-23 as under:-

S.No.	Year	Rate Per Plant
1	1 st Year Plantation	Rs. 348.59/- Per Plant
2	2 nd Year Plantation	Rs. 120.37/- Per Plant
3	3 rd Year Plantation	Rs. 71.00/- Per Plant
4	4 th Year Plantation	Rs. 14.69/- Per Plant
5	5 th Year Plantation	Rs. 16.15/- Per Plant
6	6 th Year Plantation	Rs. 17.78/- Per Plant
7	7 th Year Plantation	Rs. 19.55/- Per Plant
8	8 th Year Plantation	Rs. 21.51/- Per Plant
9	9 th Year Plantation	Rs. 23.67/- Per Plant
10	10 th Year Plantation	Rs. 26.04/- Per Plant
Total Cost		Rs. 679.35

Area to be Diverted : 0.0098 ha.

No. of Trees to be felled : Nil

No. of Plants to be damaged : Nil

Area to be planted under normal CA : 0.100 ha. (Minimum 100 Plants)

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

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)=0 Plants

Area to planted under Addl. CA : 0.0 ha. (@ 1000 plants per ha.)

Total No. of plants to be planted (CA+Addl.CA) : 100

Total Area to be planted (CA+Addl.CA) : 0.100 ha. (@ 1000 plants per ha.)

A	Compensatory Afforestation Charges	No. of Plants	Rate	Total Amount (Rs.)
	(1) 1 st Year cost of afforestation	100	Rs. 348.59/- Per Plant	34859
	(2) 2 nd Year maintenance	100	Rs. 120.37/- Per Plant	12037
	(3) 3 rd Year maintenance	100	Rs. 71.00/- Per Plant	7100
	(4) 4 th Year maintenance	100	Rs. 14.69/- Per Plant	1469
	(5) 5 th Year Maintenance	100	Rs. 16.15/- Per Plant	1615
	(6) 6 th Year Maintenance	100	Rs. 17.78/- Per Plant	1778
	(7) 7 th Year Maintenance	100	Rs. 19.55/- Per Plant	1955
	(8) 8 th Year Maintenance	100	Rs. 21.51/- Per Plant	2151
	(9) 9 th Year Maintenance	100	Rs. 23.67/- Per Plant	2367
	(10) 10 th Year Maintenance	100	Rs. 26.04/- Per Plant	2604
	(11) Barbed wire fencing charge	0.4 rkm	Rs. 200000/- Per RKM	80000

	Total charges			147935
	Supervisory/Overhead/Miscellaneous Charges		10% on the total CA charges	14794
	Sub Total (A) C.A. charges			162729
B	Additional Compensatory Afforestation Charges	No. of Plants	Rate	Total Amount (Rs.)
	(1) 1 st Year cost of afforestation	0	Rs. 348.59/- Per Plant	0
	(2) 2 nd Year maintenance	0	Rs. 120.37/- Per Plant	0
	(3) 3 rd Year maintenance	0	Rs. 71.00/- Per Plant	0
	(4) 4 th Year maintenance	0	Rs. 14.69/- Per Plant	0
	(5) 5 th Year Maintenance	0	Rs. 16.15/- Per Plant	0
	(6) 6 th Year Maintenance	0	Rs. 17.78/- Per Plant	0
	(7) 7 th Year Maintenance	0	Rs. 19.55/- Per Plant	0
	(8) 8 th Year Maintenance	0	Rs. 21.51/- Per Plant	0
	(9) 9 th Year Maintenance	0	Rs. 23.67/- Per Plant	0
	(10) 10 th Year Maintenance	0	Rs. 26.04/- Per Plant	0
	(11) Barbed wire fencing charge	0	Rs. 200000/- Per RKM	0
	Sub Total (B) Total addl. C.A. charges			0
C	Penal CA			Decision will be taken after in principal permission
D	Catchments Area Treatment			
	Soil and Moisture Conservation charges			0
	Sub Total (D)			0
E	Safety Zone			0
F	Additional Charges			0
	i) Chain link fencing	0	0	0
	ii) Pipeline fitting for multiple water points			0
	iii) Survey & demarcation			0
	iv) Plantation Sine board			0
	Sub Total (F)			0
G	Felling charges	0	1200 per cum	0
	Grand Total (A+B+C+D+E+F+G+H) to be deposited in CAMPA Fund			162729

2. **Technical details :-**

Technical details of Compensatory Afforestation Scheme are as follows :-

- a) General Details :- Plantation will be done with 3 strand barbed wire in Protected Forest areas
- b) Spacement :- **4 x 4 meter**
- c) Species :- **Azadirachta indica, Holoptelea integrifolia, Ficus benghalensis, Ficus religiosa, Zyzyphus mauritiana, Albizia lebbeck 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: - **N.A.**

Divisional Forest Officer
Mahendergarh Forest Division

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

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NPV Calculation Sheet

	Description	Total Area	Rate	Total Amount (RS.)
A	Net Present Value of Forest Land to be diverted	0.0098	Rs. 957780(Lacs/ Ha.	9386/-
Diverted Land Details				
	Project Land Category	Canditions		
1	Eco Class	III		
2	Canopy Density	Very Dense/Dense/ Open		
3	Density of Vegetation	0		
4	Is Forest Area in National Park	10 times of NPV	NA	
5	Wild Life Sanctuary	5 times of NPV	NA	
6	Project type wise	50% for wind power project/OFC	NA	
	Total NPV Payable			9386/-

Place: Mahendergarh

Date:09-08-2022

(Divisional Forest Officer)
Mahendergarh Forest Division
Mahendergarh