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Full Title of the Project : Diversion of 1.80 Ha. Forest land for construction of path from Mahendergarh Satnali road to Baba Ramphal Dass Temple village Balana under Forest Division & Distt. Mahendragarh.
File No. : FP/HR/Road/21969/2016
Date of Proposal : 19-10-2016

CHECK LIST SERIAL NUMBER :- 18 " REVISED SCHEME FOR C.A. " (Model-1)

Name of the Forest/Reach to be diverted for construction of road from Mahendergarh Satnali road to Baba Ramphal Dass Temple at village Balana under Forest Division & Distt. Haryana.

Forest Area = 1.80 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: RF Duloth 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 Reserved 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:-

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 plantation norms at 4m x 2½m spacing and it is approved by the PCCF, Haryana letter No. 6693-6713 dated 15.02.2016 at the wage rate of Rs. 292/-per day as under:-

S.No.	Year	Rate Per Plant
1	1 st Year Plantation	Rs.172/- Per Plant
2	2 nd Year Plantation	Rs. 64/- Per Plant
3	3 rd Year Plantation	Rs. 32/- Per Plant
4	4 th Year Plantation	Rs. 25/- Per Plant
5	5 th Year Plantation	Rs. 26/- Per Plant
6	6 th Year Plantation	Rs. 15/- Per Plant
7	7 th Year Plantation	Rs. 08/- Per Plant
8	8 th Year Plantation	Rs. 09/- Per Plant
9	9 th Year Plantation	Rs. 10/- Per Plant
10	10 th Year Plantation	Rs. 11/- Per Plant
Total Cost		Rs. 372

Area to be Diverted = 1.80ha.

Area to be planted (one/two/ten times the diverted area) = 1.80 ha.

No. of trees to be felled = 33

No. of plants to be damaged = 104

Number of Plants to be Planted [@ 1000 Plant Per Hectare] 1800 Plants

A	Compensatory Afforestation Charges	No. of	Rate	Total Amount (Rs.)
		Plants		
	(1) 1 st Year cost of afforestation	1800	Rs. 172/- Per Plant	309600
	(2) 2 nd Year maintenance	1800	Rs. 64/- Per Plant	115200
	(3) 3 rd Year maintenance	1800	Rs. 32/- Per Plant	57600
	(4) 4 th Year maintenance	1800	Rs. 25/- Per Plant	45000
	(5) 5 th Year Maintenance	1800	Rs. 26/- Per Plant	46800
	(6) 6 th Year Maintenance	1800	Rs. 15/- Per Plant	27000
	(7) 7 th Year Maintenance	1800	Rs. 08/- Per Plant	14400
	(8) 8 th Year Maintenance	1800	Rs. 09/- Per Plant	16200
	(9) 9 th Year Maintenance	1800	Rs. 10/- Per Plant	18000
	(10) 10 th Year Maintenance	1800	Rs. 11/- Per Plant	19800
	(11) Barbed wire fencing charge	1.80	Rs. 160000/- Per RKM	288000
	Total charges			957600
	Supervisory/Overhead/Miscellaneous Charges		10% on the total CA charges	95760
	Sub Total (A) C.A. charges			1053360

B	Additional Compensatory Afforestation Charges	No. of Plants	Rate	Total Amount (Rs.)
	(1) 1 st Year cost of afforestation	208	Rs. 172/- Per Plant	35776
	(2) 2 nd Year maintenance	208	Rs. 64/- Per Plant	13312
	(3) 3 rd Year maintenance	208	Rs. 32/- Per Plant	6656
	(4) 4 th Year maintenance	208	Rs. 25/- Per Plant	5200
	(5) 5 th Year Maintenance	208	Rs. 26/- Per Plant	5408
	(6) 6 th Year Maintenance	208	Rs. 15/- Per Plant	3120
	(7) 7 th Year Maintenance	208	Rs. 08/- Per Plant	1664
	(8) 8 th Year Maintenance	208	Rs. 09/- Per Plant	1872
	(9) 9 th Year Maintenance	208	Rs. 10/- Per Plant	2080
	(10) 10 th Year Maintenance	208	Rs. 11/- Per Plant	2288
	(11) Barbed wire fencing charge	0.208	Rs. 160000/- Per RKM	33280
	Sub Total (B) Total addl. C.A. charges			110656
C	Penal CA			0
D	Catchment Area Treatment			0
	Loose stone wall with dry stone	-	-	0
	Sub Total (D)			0
E	Safety Zone			0
F	Additional Charges			0
	Sub Total (F)			0
G	Net Present Value of Forest Land to be diverted	1.80	887000 per ha.	1596600
H	Felling charges	6.25	1000 per cum	6250
I	Plantation Damage Charges	0	0	0
	Grand Total (A+B+C+D+E+F+G+H+I) to be deposited in CAMPA Fund			2766866

2. Technical details :-

Technical details of Compensatory Afforestation Scheme are as follows :-

- General Details :- Plantation will be done with 3 strand barbed wire in RF Duloth
GPS Coordinate North 28°12'10.95" East 76°05'08.46" RF Duloth
- Spacement :- 4 x 2½ meter
- Species :- Neem, Bakain, P.Papri, Cassia fistula, Cordia myxa, Zyzyphus mauritiana, Albizia lebbeck, Morus Alba etc.
- Plantation Method :- Tall Plantation .
- 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

25.4.17

25.4.17

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