Full Title of the Project : Diversion of 90.84 Ha. Forest land for for const. of New All India Institute of Medical Sciences (AIIMS) at village Manethi aravalli plantation area (Deemed Forest) and along Kund to Dahina road (PF) under forest division and district Rewari.

File No. : FP/HR/Disp/39220/2019

Date of Proposal : 01-03-2019

CHECK LIST SERIAL NUMBER :- 18

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

Name of the Forest/Reach to be diverted for const. of New All India Institute of Medical Sciences (AIIMS) at village Manethi along Kund to Dahina road under forest division and district Rewari, Haryana. This proposed land is Aravali Plantation area (Deemed Forest) and Protected Forest (egress and ingress from Kund Dahina road).

Forest Area = 90.84 ha.

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

Division: Rewari District: Rewari Range: Rewari C.A. Site Name: Nikhari and Dungarwas Irri. Deptt. area 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 Rewari. **Plantation will be done on the land transferred by irrigation department through user agency to forest department in lieu of proposed diversion.**
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. **Undulating/Plain:**
b. Slope: - Gentle

v) 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 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. 326.82/-per day as under:-

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S.No.	Year	Rate Per Plant
1	1 st Year Plantation	Rs. 359.10/- Per Plant
2	2 nd Year Plantation	Rs. 115.35/- Per Plant
3	3 rd Year Plantation	Rs. 41.89/- Per Plant
4	4 th Year Plantation	Rs. 15.58/- Per Plant
5	5 th Year Plantation	Rs. 15.58/- Per Plant
6	6 th Year Plantation	Rs. 15.58/- Per Plant
7	7 th Year Plantation	Rs. 15.58/- Per Plant
8	8 th Year Plantation	Rs. 15.58/- Per Plant
9	9 th Year Plantation	Rs. 15.58/- Per Plant
10	10 th Year Plantation	Rs. 15.58/- Per Plant
	Total Cost	**Rs. 625.40**

Area to be Diverted : **90.84 ha.**
No. of Trees to be felled : **15886**
No. of Plants to be damaged : **29943**
Area to be planted under normal CA : **90.84 ha.** (Double the area to be diverted)
Plants to be Planted under normal CA : **90840** (@ 1000 plants per ha.)
Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)= **59886** Plants
Area to planted under Addl. CA : **59.886** ha. (@ 1000 plants per ha.)
Total No. of plants to be planted (CA+Addl.CA) : **150726**
Total Area to be planted (CA+Addl.CA) : **150.726** ha. (@ 1000 plants per ha.)

Normal CA plantation (90.84 ha.) will be done under Rewari Forest Division in Village Nikhri and Dungarwas irrigation land (proposed to be transferred to Forest Department) and Additional CA (59.886 ha.) will be done in Mewat Division Haryana. Details of CA scheme to be done under Rewari Division.

A	Compensatory Afforestation Charges	No. of Plants	Rate	Total Amount (Rs.)
	(1) 1st Year cost of afforestation	90840	Rs. 359.10/- Per Plant	32620644
	(2) 2nd Year maintenance	90840	Rs. 115.35/- Per Plant	10478394
	(3) 3rd Year maintenance	90840	Rs. 41.89/- Per Plant	3805288
	(4) 4th Year maintenance	90840	Rs. 15.58/- Per Plant	1415287
	(5) 5th Year Maintenance	90840	Rs. 15.58/- Per Plant	1415287
	(6) 6th Year Maintenance	90840	Rs. 15.58/- Per Plant	1415287
	(7) 7th Year Maintenance	90840	Rs. 15.58/- Per Plant	1415287
	(8) 8th Year Maintenance	90840	Rs. 15.58/- Per Plant	1415287
	(9) 9th Year Maintenance	90840	Rs. 15.58/- Per Plant	1415287
	(10) 10th Year Maintenance	90840	Rs. 15.58/- Per Plant	1415287
	(11) Barbed wire fencing charge	363.36 rkm	Rs. 76700/- Per RKM	27869712
	Total charges			**84681047**
	Supervisory/Overhead/Miscellaneous Charges		10% on the total CA charges	8468105

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	Sub Total (A) C.A. charges			**93149152**
B	Penal CA			0
C	Catchments Area Treatment			
	Tubewell	6 No.	3.00 Lacs per tubewell	1800000
	Watcher Chowki	1 No.	4.00 Lacs per chowk	400000
	Tractor	1 No.	5.50 Lacs per tractor	550000
	Trolley	1 No.	1.52 Lacs per trolley	152000
	Tanker	1 No.	1.52 Lacs per trolley	152000
	Soil and Moisture Conservation charges		30% of total CA	27944746
	Sub Total (D)			**30998746**
D	Safety Zone			0
E	Additional Charges Sub Total (F)			0 0
F	Net Present Value of Forest Land to be diverted	90.84	887000 per ha.	80575080
G	Felling charges	1532.62	1200 per cum	1839144
	Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA Fund			**206562122.00**

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 **Nikhari and Dungarwas irrigation land (to be transferred to forest Department as per undertaking by the user agency)**

b) Spacement :- **4 x 2½ meter**

(c) Species :- **Neem, Bakain, P.Papri, Cassia fistula, Cordia myxa, Zyzyphus mauritiana, Albizia lebbeck, Albizia procera, Bauhinia racemosa, Ficus glomerata, Ficus religiosa, Kigelia pinnata, Moringa oleifera, Syzygium cumini, Tamarindus indica, Tamarix articulate, Terminalia arjuna, Terminalia belarica, Jungle jalebi, Morus Alba 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
Rewari Forest Division

Divisional Forest Officer
Rewari Forest Division
Rewari

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

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