

**Full Title of the Project:** Diversion of 90.84 ha. Of forest land for cont. of New All India Institute of Medical Science(AIIMS) at village Manethi Aravalli Plantation are (Deemed forest) and along Kund to Dhina road (PF) under forest division Rewari. FP/HR/Disp./39220/2019

Online Proposal No. **FP/HR/Disp./39220/2019**  
Date of Proposal:

**ADDITIONAL CA**  
**CHECK LIST SERIAL NUMBER:-18**

**Name of the Forest/Reach to be diverted:**

**Diversion of forest land for access to retail outlet of All India Institute of Medical Science(AIIMS) at village Manethi Aravalli Plantation are (Deemed forest) and along Kund to Dhina road (PF) under forest division Rewari.**

Forest Area = **90.84 ha.**

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

Division **Mewat-Nuh** District **Mewat-Nuh**

Tehsil **FP. Jhirka & Punhana** Range: **FP. Jhirka & Punhana**

C.A. Site name : **Reegarh Sec 4-5, Hirwari Sec 4-5 & Pingwan Sec 4-5**

**GPS Reading :**

<b>Reegarh Sec 4-5</b>	<b>Hirwari Sec 4-5</b>	<b>Pingwan Sec 4-5</b>
N 27.735157 E 76.995323	N 27.767747 E 77.008457	N 27.865627 E 77.074845
N 27.736962 E 76.992126	N 27.771817 E 77.002832	N 27.867216 E 77.072476
N 27.740008 E 76.993172	N 27.773931 E 77.003538	N 27.869852 E 77.075653
N 27.737932 E 76.995963	N 27.770444 E 77.009547	N 27.872249 E 77.075781
		N 27.876171 E 77.080263
		N 27.876958 E 77.077955
		N 27.889297 E 77.086618
		N 27.890129 E 77.086258

**Area to be Afforested :-**

- a) Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No): **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 to Sandy Loam.**
  - ii) Topography a. Hilly/Undulating/Plain: **Undulating**  
b. Slope:-Steep/Medium/Gentle: **Gentle to steep**
  - iii) Whether the area is bearing any root stock of vegetation:- **At some hilly places.**

**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 is calculated for Plantation as per Tall Plants. At 5m X 4m spacing and 250 plants per Hec. at the wages rate approved 2018-19 at Rs.326.82/- per day as under:-

Sr. No.	Year	Rate per plant
1	1 <sup>st</sup> Year Plantation	359.10/- Per Plant
2	2 <sup>nd</sup> Year Maintenance	115.35/- Per Plant
3	3 <sup>rd</sup> Year Maintenance	41.89/- Per Plant
4	4 <sup>th</sup> Year Maintenance	15.58/- Per Plant
5	5th Year Maintenance	15.58/- Per Plant
6	6th Year Maintenance	15.58/- Per Plant
7	7th Year Maintenance	15.58/- Per Plant
8	8th Year Maintenance	15.58/- Per Plant
9	9th Year Maintenance	15.58/- Per Plant
10	10th Year Maintenance	15.58/- Per Plant
	<b>Total Cost.</b>	<b>625.40/-</b>

Additional C.A in lieu of plants to be damaged (Double) the plants to be damaged) 59886 plants

S. No.	Description	Total Area No. of plants	Rate	Total Amount (Rs.)
<b>A</b>	<b>Compensatory Afforestation Charges</b>			
1	1st Year Plantation	0	359.10/- Per Plant	0
2	2nd Year Plantation	0	115.35/- Per Plant	0
3	3rd Year Plantation	0	41.89/- Per Plant	0
4	4th Year Plantation	0	15.58/- Per Plant	0
5	5th Year Plantation	0	15.58/- Per Plant	0
6	6th Year Plantation	0	15.58/- Per Plant	0
7	7th Year Plantation	0	15.58/- Per Plant	0
8	8th Year Plantation	0	15.58/- Per Plant	0

10	10th Year Plantation	0	15.58/- Per Plant	0
11	Barbed Wire Fencing Charge	0	Rs. 160000 per km.	0
	Total Charges )			0
	Supervisory/Overhead/Miscellaneous Charges		10% On the CA Charges	0
	Total (A) C.A Charges			0
<b>Additional Compensatory Afforestation</b>				
<b>B</b>	<b>Compensatory Afforestation Charges</b>	<b>No. of Plants</b>		
1	1st Year Plantation	59886	359.10/- Per Plant	21505062.6
2	2nd Year Plantation	59886	115.35/- Per Plant	6907850.1
3	3rd Year Plantation	59886	41.89/- Per Plant	2508624.54
4	4th Year Plantation	59886	15.58/- Per Plant	933023.88
5	5th Year Plantation	59886	15.58/- Per Plant	933023.88
6	6th Year Plantation	59886	15.58/- Per Plant	933023.88
7	7th Year Plantation	59886	15.58/- Per Plant	933023.88
8	8th Year Plantation	59886	15.58/- Per Plant	933023.88
9	9th Year Plantation	59886	15.58/- Per Plant	933023.88
10	10th Year Plantation	59886	15.58/- Per Plant	933023.88
11	Barbed Wire Fencing Charge=	239.544RKM	Rs. 160000 per km.	38327040
	Total (B) Addl. C.A Charges			75779744
<b>C</b>	<b>Catchment Area Treatment (if required)</b>			
	Soil and Moisture Conservation Charges		30% of the Total C.A	0
<b>D</b>	<b>Safety Zone (if required)</b>			0
<b>E</b>	<b>Additional Charges (if required)</b>			0
<b>F</b>	<b>Net Present Value of Forest Land to be diverted</b>		Rs. 887000/- per ha.	0
<b>G</b>	<b>Felling Charges = M<sup>3</sup></b>		Rs.1200/- per m3	0
<b>H</b>	<b>Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F+G)</b>			2273392
<b>GRANT TOTAL</b>				<b>78053136.00</b>

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 × 5 meter
- Species:- Ronj (Acacia leucophloea), Khairi (Prosopis cineraria), Pahari Papri (Holoptelea integrifolia), Neem (Azadirachta indica)
- Plantation Method :- Tall Plantation
- Soil and Moisture Conservation Works:-
- Protection (Fencing, Watch man, People's Participation etc.): - Fencing
- Proposed Monitoring Mechanism:- (M&E),
- Any Other information:- Nil.

Place:

Dated :

Divisional Forest Officer  
Mewar Forest Div

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