

Full Title of the Project: **Diversion of forest land 0.28 ha. for Construction of water reservoir Khasra No-379 in Village Ghusbaithi (Gram Panchyat Sehsola), under Forest Division Nuh, Distt. Mewat (Haryana).**

Online Proposal No. FP/HR/Others/17315/2015  
Date of Proposal: 29-04-2016

### CHECK LIST SERIAL NUMBER:-18 "SCHEME FOR C.A."

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

Diversion of Forest land for Treated water from water works at badly (Jhajjar) will be collected in the proposed water storage reservoir Khasra No-379 at Village Ghusbaithi (Gram Panchyat Sehsola) and then will be supplied by the gravity to Nuh Town, Nalhar Medical Collage-Nalhar & surrounding 17 No. of Villages.

Forest Area = **0.28 ha.**

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

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

Tehsil **Tauru** Range: **Nuh**

C.A. Site name : **Mehrola Section 4 & 5 area**

GPS Reading : **N 28°11'52.9" E 77° 02'35.1"**

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 cost is calculated for plantation as per Revitalization of Institutions for Aravalli at 5m x4m spacing and 500 plants per Hac. At the wages rate approved at Rs. 292.31/-per day as under:-

85

Year	Rate per Plant
1 <sup>st</sup> Year cost of afforestation	Rs. 171/- Per Plant
2 <sup>nd</sup> Year maintenance	Rs. 52/- Per Plant
3 <sup>rd</sup> Year maintenance	Rs. 44/- Per Plant
4 <sup>th</sup> Year maintenance	Rs. 48/- Per Plant
5 <sup>th</sup> Year maintenance	Rs. 62/- Per Plant
6 <sup>th</sup> Year maintenance	Rs. 68/- Per Plant
7 <sup>th</sup> Year maintenance	Rs. 75/- Per Plant
8 <sup>th</sup> Year maintenance	Rs. 48/- Per Plant
9 <sup>th</sup> Year maintenance	Rs. 44/- Per Plant
10 <sup>th</sup> Year maintenance	Rs. 48/- Per Plant
<b>Total</b>	<b>Rs. 660/-</b>

Area to be Diverted = **0.28 ha.**

No. of trees to be felled= Nil

Plants to be damaged= Nil

Area to be planted = Two time of the area to be diverted= **0.28x2=0.56 ha.**

Plants to be Planted = 560 (@ 1000 plant per ha.)

S.No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	<b>Net Present Value of Forest Land to be diverted</b>		Rs. 887000/- per ha.	<b>24836</b>
B	Compensatory Afforestation Charges	No. of Plants		
	(1) 1 <sup>st</sup> Year cost of afforestation	560	Rs. 171/- Per Plant	95760
	(2) 2 <sup>nd</sup> Year maintenance	560	Rs. 52/- Per Plant	29120
	(3) 3 <sup>rd</sup> Year maintenance	560	Rs. 44/- Per Plant	24440
	(4) 4 <sup>th</sup> Year maintenance	560	Rs. 48/- Per Plant	26880
	(5) 5 <sup>th</sup> Year maintenance	560	Rs. 62/- Per Plant	34720
	(6) 6 <sup>th</sup> Year maintenance	560	Rs. 68/- Per Plant	38080
	(7) 7 <sup>th</sup> Year maintenance	560	Rs. 75/- Per Plant	42000
	(8) 8 <sup>th</sup> Year maintenance	560	Rs. 48/- Per Plant	26880
	(9) 9 <sup>th</sup> Year maintenance	560	Rs. 44/- Per Plant	24640
	(10) 10 <sup>th</sup> Year maintenance	560	Rs. 48/- Per Plant	26880
	(11) Barbed wire fencing charge= Nil		Rs.76700/- Per RKM	0
	<b>Total Charges</b>			<b>369600</b>
C	Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	36960
	<b>Sub Total (A) Total C.A. Charges</b>			<b>406560</b>
	<b>Additional Compensatory Afforestation Charges</b>			
	(1) 1 <sup>st</sup> Year cost of afforestation		Rs. 171/- Per Plant	0
	(2) 2 <sup>nd</sup> Year maintenance		Rs. 52/- Per Plant	0
	(3) 3 <sup>rd</sup> Year maintenance		Rs. 44/- Per Plant	0
	(4) 4 <sup>th</sup> Year maintenance		Rs. 48/- Per Plant	0
	(5) 5 <sup>th</sup> Year maintenance		Rs. 62/- Per Plant	0
	(6) 6 <sup>th</sup> Year maintenance		Rs. 68/- Per Plant	0



	(7) 7 <sup>th</sup> Year maintenance		Rs. 75/- Per Plant	0
	(8) 8 <sup>th</sup> Year maintenance		Rs. 48/- Per Plant	0
	(9) 9 <sup>th</sup> Year maintenance		Rs. 44/- Per Plant	0
	(10) 10 <sup>th</sup> Year maintenance		Rs. 48/- Per Plant	0
	(11) Barbed wire fencing charge=		Rs.76700/- Per RKM	0
	Sub Total (B) Total Addl. C.A. Charges			0
D	Site Specific requirements for plantation Aravalli Hill's (area closed under Section 4&5 of PLPA 1900)			
1	Peripheral Trenches 1M*1M*400 in the Aravalli Areas			9615.00
2	Loose Stone Wall 400x1.25x0.75			35930.00
3	Clearing of Mesquite stumps including pruning of Singled shoots in first year X 2			419.00
4	Kikar Sowing in Peripheral Trench			3212.00
4 (a)	First Clearing and spacing of Kikar Sowing			2117.00
4 (b)	Line Sowing of Kikar Seeds			529.00
	Total Site Specific Requirement Charge ( D )			51822.00
E	Felling Charges Volume=	0.0	Rs.1200/- per m3	0.00
F	Plantation Damage Charges.=	0	Rs. 600/-Plant	0.00
	Total (E+F)			0.00
G	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F)			14497
	GRAND TOTAL (A+B+C+D+E+F+G) TO BE DEPOSITED IN CAMPA FUND			497715

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:- Shisham, Papri, Neem.
- 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

Mewat-Nuh

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