

Full Title of the Project: Diversion of 3.627 ha of forest land 3.009 ha. Mewat division & 0.618 Palwal Division for laying of 900 & 600 MMI/DDi water supply pipe line for 80 No. of village of firozpur jhirka and Nagina Block in distt. mewat and Hodal Block in palwal Distt. under NABARD Scheme.

File No. : FP/HR/Water/35225/2018
Date of Proposal: 24.08.2018

CHECK LIST SERIAL NUMBER:-18
"CA SCHEME"

Name of the Forest/Reach to be diverted: **Diversion of 3.627 ha of forest land 3.009 ha. Mewat division & 0.618 Palwal Division for laying of 900 & 600 MMI/DDi water supply pipe line for 80 No. of village of firozpur jhirka and Nagina Block in distt. mewat and Hodal Block in palwal Distt. under NABARD Scheme.**

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

Division: -Nuh District -Nuh

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

C.A. Site name : **Kharak Sohna Sec 4&5.**

GPS Reading :-

N 77.011443	E 28.29686	(6.424 ha.)
N 77.008854	E 28.295459	
N 77.011678	E 28.295482	
N 77.012187	E 28.294574	
N 77.009544	E 28.29358	
N 77.012304	E 28.293337	
N 77.012411	E 28.292181	
N 77.010348	E 28.291357	

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 ;

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 Rs326.82/- as per wage plants as under:-

Sr. No.	Year	Rate per plant
1	1 st Year Plantation	359.10/- Per Plant
2	2 nd Year Maintenance	115.35/- Per Plant
3	3 rd Year Maintenance	41.89/- Per Plant
4	4 th 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
	Total Cost.	625.40/-

Area to be Diverted = **3.009 ha.**

No. of trees to be felled= **149**

Plants to be damaged= **203**

Plants to be planted= **6018 No.**

Area to be planted = Two time of the area to be diverted= **3.009x2=6.018 ha.**

Plants to be Planted = **6018 (@ 1000 plant per ha.)**

- Additional C.A in lieu of plants to be damaged (Double) the plants to be damaged) **406**

S. No.	Description	Total Area	Rate	Total Amount (Rs.)
A	Compensatory Afforestation Charges	No. of plants		
1	1st Year Plantation	6018	359.10/- Per Plant	2161063.80
2	2nd Year Plantation	6018	115.35/- Per Plant	694176.30
3	3rd Year Plantation	6018	41.89/- Per Plant	252094.02
4	4th Year Plantation	6018	15.58/- Per Plant	93760.44
5	5th Year Plantation	6018	15.58/- Per Plant	93760.44
6	6th Year Plantation	6018	15.58/- Per Plant	93760.44
7	7th Year Plantation	6018	15.58/- Per Plant	93760.44
8	8th Year Plantation	6018	15.58/- Per Plant	93760.44
9	9th Year Plantation	6018	15.58/- Per Plant	93760.44
10	10th Year Plantation	6018	15.58/- Per Plant	93760.44

9)

11	Barbed Wire Fencing Charge	24.072 RKM	Rs. 160000 per km.	3851520
	Total Charges)			7615177
	Supervisory/Overhead/Miscellaneous Charges		10% On the CA Charges	761518
	Total (A) C.A Charges			8376695
	Additional Compensatory Afforestation Charges			
B	Compensatory Afforestation Charges	No. of Plants		
1	1st Year Plantation	406	359.10/- Per Plant	145794.60
2	2nd Year Plantation	406	115.35/- Per Plant	46832.10
3	3rd Year Plantation	406	41.89/- Per Plant	17007.34
4	4th Year Plantation	406	15.58/- Per Plant	6325.58
5	5th Year Plantation	406	15.58/- Per Plant	6325.58
6	6th Year Plantation	406	15.58/- Per Plant	6325.58
7	7th Year Plantation	406	15.58/- Per Plant	6325.58
8	8th Year Plantation	406	15.58/- Per Plant	6325.58
9	9th Year Plantation	406	15.58/- Per Plant	6325.58
10	10th Year Plantation	406	15.58/- Per Plant	6325.58
11	Barbed Wire Fencing Charge=	1.624 RKM	Rs. 160000 per km.	259840
	Total (B) Addl. C.A Charges			513752
C	Catchment Area Treatment (if required)			
	Soil and Moisture Conservation Charges		30% of the Total C.A	2513008
D	Safety Zone (if required)			0
E	Additional Charges (if required)			0
F	Net Present Value of Forest Land to be diverted		Rs. 887000/- per ha.	2668983
G	Felling Charges = M ³	51.14 m ³	Rs.1200/- per m ³	61368
H	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F+G)			424014
	GRANT TOTAL			14557820

2. **Technical details:-**

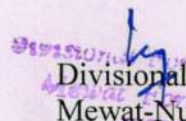
Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:- Plantation will be done with 3 strand barbed wire.
- Spacement:- 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 :

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


 Divisional Forest Officer
 Mewat-Nuh
 Mewat Forest Divn.