

Full Title of the Project - Diversion of 0.65 ha of forest land regarded construction internal boosting Station over mountains at Village Tigaon Ghati, Tehsil Firozpur Jhirka , District Nuh . Augmentation of water supply 80 nos. Villages and firozpur Jhirka , District Nuh.  
Online proposal No. FP/HR/Others/36820/2018.

File No. : FP/HR/Other/36820/2018  
Date of Proposal: 16.11.2018

**CHECK LIST SERIAL NUMBER:-18**  
**"CA SCHEME"**

Name of the Forest/Reach to be diverted Diversion of 0.65 ha of forest land regarded construction internal boosting Station over mountains at Village Tigaon Ghati, Tehsil Firozpur Jhirka , District Nuh .  
Augmentation of water supply 80 nos. Villages and firozpur Jhirka , District Nuh.

**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. 010505 E 28.298503 ( 1.3 ha. )  
N 77.009851 E 28.298235  
N 77.011204 E 28.298139  
N 77.010147 E 28.29727  
N 77.011449 E 28.296865  
N 77.010439 E 28.296331

**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 Rs326.82/- as per wage plants 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>

Area to be Diverted = **0.65 ha.**

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

Plants to be damaged= **Nil**

Plants to be planted= **1300 No.**

Area to be planted = Two time of the area to be diverted= **0.65x2=1.3 ha.**

Plants to be Planted = **1300 (@ 1000 plant per ha.)**

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

S. No.	Description	Total Area	Rate	Total Amount (Rs.)
<b>A</b>	<b>Compensatory Afforestation Charges</b>	<b>No. of plants</b>		
1	1st Year Plantation	1300	359.10/- Per Plant	466830
2	2nd Year Plantation	1300	115.35/- Per Plant	149955
3	3rd Year Plantation	1300	41.89/- Per Plant	54457
4	4th Year Plantation	1300	15.58/- Per Plant	20254
5	5th Year Plantation	1300	15.58/- Per Plant	20254
6	6th Year Plantation	1300	15.58/- Per Plant	20254
7	7th Year Plantation	1300	15.58/- Per Plant	20254
8	8th Year Plantation	1300	15.58/- Per Plant	20254
9	9th Year Plantation	1300	15.58/- Per Plant	20254



10	10th Year Plantation	1300	15.58/- Per Plant	20254
11	Barbed Wire Fencing Charge	5.4 RKM	Rs. 160000 per km.	864000
	Total Charges )			1677020
	Supervisory/Overhead/Miscellaneous Charges		10% On the CA Charges	167702
	Total (A) C.A Charges			1844722
<b>Additional Compensatory Afforestation Charges</b>				
B	Compensatory Afforestation Charges	No. of Plants		
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
9	9th 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 (B) Addl. C.A Charges			0
C	Catchment Area Treatment (if required)			
	Soil and Moisture Conservation Charges		30% of the Total C.A	553417
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.	576550
G	Felling Charges = M <sup>3</sup>		Rs.1200/- per m3	0
H	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F+G)			89241
<b>GRANT TOTAL</b>				<b>3063930</b>

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