

Full Title of the Project: **Diversion of 3.55 ha of forest land for laying Drinking water Pipeline ( DI Pipe line ) of size 200,300,600 mm for supply of Drinking water to various village Ranyala, Agon, Hasanpur Bilonda, Kolgaon & Sakras etc in Distt. Mewat-Nuh (HR)**

**File No. :-** FP/HR/Water/37822/2018

**Date of Proposal:-** 04.01.2019

**CHECK LIST SERIAL NUMBER:-18**  
**REVISED "C.A SCHEME"**

Name of the Forest/Reach to be diverted: **Diversion of 3.55 ha of forest land for laying Drinking water Pipeline ( DI Pipe line ) of size 200,300,600 mm for supply of Drinking water to various village Ranyala, Agon, Hasanpur Bilonda, Kolgaon & Sakras etc in Distt. Mewat-Nuh (HR)**

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

**Division:** -Nuh District -Nuh

**Tehsil:-** Firozpur Jhirka **Range:-** Firozpur Jhirka

**C.A. Site name :** Agon Sec 4-5

**GPS Reading :-**

**Agon Sec 4-5 (Area 9.446 Ha.)**

76.99097  
76.989823  
76.990183  
76.992523  
76.993087  
76.991851  
76.992411  
76.995585  
76.995458

**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 at **Rs.339.51/-** 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>

Area to be Diverted = 3.55 ha.

No. of trees to be felled= 848 No.

Plants to be damaged= 995 No.

Plants to be planted= 7100 No.

Area to be planted = Two time of the area to be diverted= 3.55x2=7.10 ha.

Plants to be Planted = 7100 (@ 1000 plant per ha.)

Additional C.A in lieu of plants to be damaged (Double) the plants to be damaged) 1990 No.

S. No.	Description	Total Area	Rate	Total Amount (Rs.)
A	Compensatory Afforestation Charges	No. of plants		
1	1st Year Plantation	7100	359.10/- Per Plant	2549610
2	2nd Year Plantation	7100	115.35/- Per Plant	818985
3	3rd Year Plantation	7100	41.89/- Per Plant	297419
4	4th Year Plantation	7100	15.58/- Per Plant	110618
5	5th Year Plantation	7100	15.58/- Per Plant	110618
6	6th Year Plantation	7100	15.58/- Per Plant	110618
7	7th Year Plantation	7100	15.58/- Per Plant	110618
8	8th Year Plantation	7100	15.58/- Per Plant	110618
9	9th Year Plantation	7100	15.58/- Per Plant	110618
10	10th Year Plantation	7100	15.58/- Per Plant	110618
11	Barbed Wire Fencing Charge	28.4 RKM	Rs. 200000 per km.	5680000
	Total Charges )			10120340
	Supervisory/Overhead/Miscellaneous Charges		10% On the CA Charges	1012034
	Total (A) C.A Charges			11132374

Additional Compensatory Afforestation Charges				
B	Compensatory Afforestation Charges	No. of Plants		
1	1st Year Plantation	1990	359.10/- Per Plant	714609
2	2nd Year Plantation	1990	115.35/- Per Plant	229546.5
3	3rd Year Plantation	1990	41.89/- Per Plant	83361.1
4	4th Year Plantation	1990	15.58/- Per Plant	31004.2
5	5th Year Plantation	1990	15.58/- Per Plant	31004.2
6	6th Year Plantation	1990	15.58/- Per Plant	31004.2
7	7th Year Plantation	1990	15.58/- Per Plant	31004.2
8	8th Year Plantation	1990	15.58/- Per Plant	31004.2
9	9th Year Plantation	1990	15.58/- Per Plant	31004.2
10	10th Year Plantation	1990	15.58/- Per Plant	31004.2
11	Barbed Wire Fencing Charge=	7.96 RKM	Rs. 200000 per km.	1592000
	Total Add. Charges			2836546
C	Catchment Area Treatment (if required)			
1	Percolation Tanks	3 No.	1414123 per No.	4242369
2	Digging of Periphery trenches (7100+1990=9090 X 2.0X0.45X0.45	3681.45 M3	143.31	527588
	Soil and Moisture Conservation Charges		30% of the Total C.A	4190676
D	Sefety Zone (if required)			0
E	Additional Charges (if required)			0
F	Net Present Value of Forest Land to be diverted		Rs. 887000/- per ha.	3148850
G	Felling Charges = M <sup>3</sup>	177.33 m3	Rs.1200/- per m3	212796
H	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F+G+H+I )			788736
<b>GRANT TOTAL</b>				<b>27079935</b>

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details:- Plantation will be done with 3 strand barbed wire.
- b) Spacement:- Digging of Pits 3x3x3 Mtr.
- c) Species:- Ronj (Vachellia leucophloea) Kheri (Prosopis cineraria)  
Pahari Papri (Holoptelea integrifolia)
- d) Plantation Method :- Normal Plantation
- e) Soil and Moisture Conservation Works:-
- f) Protection (Fencing, Watch man, People's Participation etc.): - **Fencing**
- g) Proposed Monitoring Mechanism:- **(M&E)**
- h) 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 Forest Div