

Full Title of Project: Diversion of 2-99-34 Ha. of Forest Land for C/o Andhra  
Jhanjwani Giyari Road KM 0/00 to 8/550  
File No. : FP/HP/ROAD/8783/2014

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CHECK LIST SERIAL NUMBER :-17

**SCHEME FOR COMPENSATORY AFFORESTATION**

Detailed scheme for Compensatory Afforestation to be carried out in lieu of 2-99-34 Hectares of forest area to be diverted for C/o Andhra Jhanjwani Gyari road km 0/00 to 8/550 in distt. Shimla.

1. **Detail of degraded forest land/non-forest land selected for CA:-**

Village: Jhanjwani, Mangiyari, Giyari  
Tehsil: Chirgaon  
Distt. : Shimla  
State: Himachal Pradesh  
Forest Division: Rohru  
Forest Range: Khasdhar  
Block No./ Compartment No./ Survey No. : 84  
Area to be affrested: 5-98-68 Hectares

2. **Description of Area:-**

- i) Whether the site selected for compensatory Afforestation is a land bank or not:  
**Land Bank**
- ii) If the CA site is other than land bank, reasons be given: NA
- iii) In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary. : NA
- iv) Soil Type: **Clayey Loam**
- v) Topography:-
  - a) **Hilly.**
  - b) **Slope: Medium**
- vi) whether the area is bearing any root stock of vegetation.

3. **Plantation Model:-**

Copy of approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up is enclosed.

**Schedule of Plantation Programme:**

Detail of year wise break-up of requirement of funds is as under:-

Year	Area	Rate/Hectare	Total Amount
0 year	5-98-68 Hectare New Plantation	65450+ contractor+ Dept. Charges	522122
Ist year	5-98-68 Hectare	8150	48972

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**Full Title of the Project: - C/O 2-99-34 hac of forest Land for the construction of Andhra Jhanjwani Giyari Road Km 0/00 to 8/550 .**

**File No. :** \_\_\_\_\_

**Date of Proposal:** \_\_\_\_\_

**Compensatory Afforestation Scheme.**

Area proposed for compensatory afforestation	5-98-68 Hect.				
Name of proposed plantation area	U.P.F Goas.				
Plants to be planted per ha	1100`				
Total number of plants to be planted	6585				
Species to be planted	Pinus roxburghii ( Chil), Robinia pseudocacia ( Robinia), Meila azaderach (Drake), Juglans regia ( Walnut) etc.				
Particulars of works	Units cost at wage structure for 2018-19	Year of execution of works	Cost Escalation	Units cost after applying cost escalation.	Total amount
Initial cost for raising compensatory afforestation over an area of 5-98-68 ha	65450	2018-19			391836=00
1st year maintenance	8150	2019-20			48792=00
2 <sup>nd</sup> year maintenance	5500	2020-21			32927=00
3rd year maintenance	2800	2021-22			16763=00
4th year maintenance	2800	2022-23			16763=00
5th year maintenance	2800	2023-24			16763=00
6 <sup>th</sup> year maintenance	2800	2024-25			16763=00
7 <sup>th</sup> Year Maintenance	2800	2025-26			16763=00
8 <sup>th</sup> Year Maintance	2800	2026-27			16763=00
9 <sup>th</sup> Year Maintance	2800	2027-28			16763=00
10 <sup>th</sup> Year Maintance	2800	2028-29			16763=00
<b>Total</b>					<b>607659=00</b>
Contingencies @ 5%					30383=00
<b>Total</b>					<b>638042=00</b>
Departmental Charge 17.5%					111657=00
				Total	749699 = 00

  
 Divisional Forest Officer,  
 Rohru Forest Division Rohru.  
 Office Seal  
 Divisional Forest Officer  
 Rohru Forest Division, Rohru

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2nd year	5-98-68 Hectare	5500	32927
3 <sup>rd</sup> year	5-98-68 Hectare	2800	16763
4 <sup>th</sup> year	5-98-68 Hectare	2800	16763
5 <sup>th</sup> year	5-98-68 Hectare	2800	16763
6 <sup>th</sup> year	5-98-68 Hectare	2800	16763
7 <sup>th</sup> year	5-98-68 Hectare	2800	16763
8 <sup>th</sup> year	5-98-68 Hectare	2800	16763
9 <sup>th</sup> year	5-98-68 Hectare	2800	16763
10 th year	5-98-68 Hectare	2800	16763
			<b>749699</b>

4. **Technical Details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

**General Details :-** An area of 5-98-68 Hectares will be taken up for planting under compensatory afforestation scheme in a single compact patch. The area will be protected by barbed wire fencing and a mixture of conifer and broad leaved species will be planted. 1500 plants will be planted per hectare.

**Spacement:-** 3 mtr X 3 mtr

**Species:-** Pinus roxburghii ( Chil ), Roninia pseudoacacia (Robinia), Melia azaderach ( Drake ) , Juglans regia ( Walnut) etc

**Plantation Method:-** Nursery grown one year old plants ( in Polythene bags as well naked root will be planted 30 cm x 30 cm x 30 cm and 45 cm x 45 cm x 45 cm pits in selected area. Bush cutting will be done in the infested area. The plantation will be maintained for subsequent seven years in which beating up of failures will be done. The plantation will be rain fed. Protection methods like Fencing, Watch man, people's participation, etc shall be adopted. Area will be protected from grazing by erecting barbed wire at all vulnerable places around the plantation. Further watch and ward as also fire protection will be ensured through regular departmental staff.

**Proposed Monitoring Mechanism:-** The plantation will be monitored as per existing monitoring mechanism in the forest department. The plantation will also be monitored by GOI representatives as per instructions. The plantation site will be approached from the starting point i.e. Rohru

**Any other information:-** NIL

Date:

Place:

  
**C.B. Tashildar ( IFS )**  
**Divisional Forest Officer,**  
**Rohru Forest Division,**  
**Rohru Forest Division, Rohru**

Office Seal

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**SCHEME FOR COMPENSATORY AFFORESTATION IN RESPECT OF  
DIVERSION OF LAND FOR C/o Andhra Jhanjwani Giyari road KM 0/00  
to 8/550**

Area proposed for Compensatory Afforestation	5-98-68 Hectares		
Name of Proposed Plantation area	U.P.F. Gwas		
Species to be planted	Pinus roxburghii ( Chil ), Roninia pseudoacacia (Robinia), Melia azaderach ( Drake ) , Juglans regia ( Walnut) etc		
Particulars of Work	Unit cost at wage structure 2017-18( per hectare)	Year of execution of work	Total amount
Initial Cost of raising compensatory afforestation	65450	2019-20	391836
1st year maintenance	8150	2020-21	48792
2nd year maintenance	5500	2021-22	32927
3rd year maintenance	2800	2022-23	16763
4th year maintenance	2800	2023-24	16763
5th year maintenance	2800	2024-25	16763
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7th year maintenance	2800	2026-27	16763
8th year maintenance	2800	2027-28	16763
9th year maintenance	2800	2028-29	16763
10th year maintenance	2800	2029-30	16763
Total			607659
Contengencies @ 5%			30383
			638042
			111657
Dept. Charge @ 17.5 %			749699
G.Total			

Date:-

Place:- Rohru

*Approved*

C.B. Tashildar (IFS)  
Divisional Forest Officer  
Rohru Forest Division  
Rohru Forest Officer Rohru  
Office Seal

Conservator of Forests  
Chief Conservator of Forests,  
Shimla Forest Circle, Shimla  
R.K. Gupta, IFS