

CHECK LIST SERIAL NUMBER-17

SCHEME FOR COMPENSATORY AFFORESTATION.

Detail scheme for Compensatory Afforestation to be carried out in lieu of 98-10-04 ha. of forest land to be diverted for construction of Luhri Hydal Project Stage-1 IN DISTT. KULLU/Shimla UNDER SECTION 2 OF FCA,1980 H.P within the jurisdiction of Rampur & Ani Forest Division.

1. Details of degraded forest land/non forest land:- UPF Fanounti= 60 hac., UPF Kamand=6 hac. UPF Reuns =6 hac. and UPF Shush=28 hac. **Total =100 hac.**

District:- **Kullu.**

Tehsil :- **Ani.**

Name of Forest Division :- **Ani**

Range: - Chowai and Nither
Block/Compartment/Survey No: **H43F6, H43F7**

Area to be afforested: -

**90 hac.(Ani Forest Division)
10 hac.(Additional Compensatory Afforestation)
in Lieu of CA Area Shini tackled under
RHEP.
Total Area = 100 Ha.**

2. Description of area:-

- 1) Whether the site selected for Compensatory Afforestation is a land bank or not:- **Yes**
- 2) If the CA site is other than the land bank, reasons be given:- **Not applicable.**
- 3) In case of non forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary:- **Not applicable.**
- 4) Soil type:- **Clayey loam/Sandy.**
- 5) Topography :- a. Hilly/undulating. **b. Slope: Steep/Medium/Gentle.**
- 6) Whether the area is bearing any root stock of vegetation:- **No.**

3. Plantation Model:-

Copy of the approved compensatory afforestation scheme/model showing component wise physical and financial break up is enclosed.

4. Schedule of plantation programme:-

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

Year	Area	Rate/ha	Total Amount
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0 Year	New plantation	88365	8836500
1 st Year	1 st year maint.	14258	1425800
2 nd Year	2 nd year maint.	9575	957500
3 rd Year	3 rd year maint.	4892	489200
4 th Year	4 th year maint.	4892	489200
5 th Year	5 th year maint.	4892	489200
6 th Year	6 th year maint	4892	489200
7 th Year	7 th year maint	4892	489200
8 th Year	8 th year maint	4892	489200
9 th Year	9 th year maint	4892	489200
10 th Year	10 th year maint	4892	489200
Total=			15133400
Dept. Charges		17.5%	2648345
Contingencies		5%	756670
Sub- Total			18538415
Soil & Moisture Conservation intervention.	0 year	LS	1000000
Expenditure incurred in CA Area Shini already tackled.			640000
G.Total			20178415

5. Technical details:-

Technical details of Compensatory Afforestation scheme are as follows:-

- (a) General details: - An area of the 90 ha. will be taken up for planting under Compensatory Afforestation scheme in land banks having 4 compact patches. The area will be protected by Barbed wire fencing in RCC fence posts in four strands and a mixture of conifer and broad leaved species will be planted. 1500 plants will be planted per hectare.
- (b) Spacement:- 3 mtr X 3 mtr
- (c) Species:- Deodar, Chil, Ban(Oak) and Broad leaved species.
- (d) Plantation Method:- Nursery grown 1½ to 2½ year old plants (in Polythene bags as well as naked root) will be planted in 30 X 30 X 30 cm and 45 X 45 X 45 cm pits in the selected area. Bush cutting will be done only in the infested area. The plantation will be maintained for subsequent 10 years in which beating up of failures will be done. The plantation will be rainfed.

(e) **Soil and Moisture Conservation Works:-** Contour trenching will be done over the entire area to conserve the available moisture during rainy season so that moisture regime in the area is improved. Minor Soil Conservation Works like gully plugging, check walls be done where ever required.

(f) **Protection (Fencing, Watch man, People's Participation etc.):-** Area will be protected from grazing by erecting barbed wire fencing at all vulnerable places around the plantation. Further watch and ward as also fire protection will be ensured through regular department staff.

(g) **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 approachable from motorable roads.

(h) **Any other information: -** Nil


Divisional Forest Officer
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Ani Forest Division at Luhri.
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