

**CHECK LIST SERIAL NUMBER 17****“SCHEME FOR COMPENSATORY AFFORESTATION”**

Detailed scheme for Compensatory Afforestation to be carried out in lieu of 0.2803 hectare for diversion of Forest Land for C/o **Tehsil Building at Kupvi Tehsil Kupvi, District Shimla HP.** in the jurisdiction of Chopal Forest Division.

**1. Detail of degraded forest land/ Non- Forest land**

<b>Village</b>	<b>Juinal</b>
<b>Tehsil</b>	<b>Kupvi</b>
<b>District</b>	<b>Shimla, H.P.</b>
<b>Forest Division</b>	<b>Chopal Forest Division</b>
<b>Forest Range</b>	<b>Kanda</b>
<b>Block No./Compartment No./Survey No. 53F/9</b>	<b>UPF Topla Beat Hida, Block Kanda, Kanda Range, Chopal Division</b>
<b>Area to be afforested</b>	<b>0.5 Hectare</b>

**2. Description of the Area**

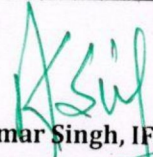
i)	Whether the site selected for Compensatory Afforestation is a land bank or not	Yes, the selected area is a proposed land bank
ii)	If the CA site is other than the land bank, reasons be given	NA
iii)	In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary	NA
IV)	Soil type	Clayey loam
v)	Topography a) Hilly / Undulating /Plain b) Slope: Steep/Medium/Gentle	a) Hilly b) Medium
vi)	Whether the area is bearing any root stock of vegetation.	No

**3. Plantation Model**

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

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BILL FOR COMPENSATORY AFFORESTATION SCHEME OVER 0.5 HA OF FOREST LAND						
Area proposed for Compensatory Afforestation in ha = 0.5						
Proposed for compensatory afforestation ha = 0.5						
Plants to be planted per ha. 500						
Total No. Of plants to be planted 250						
Particulars of works.	Rates for 1 ha.	Rate for 0.5 ha.	Year of execution of works.	Cost escalation.	Amount of cost escalation.	Total amount.
		0.5				
A Survey, Demarcation and Fencing.	34600	17300	2021-22	10%	1730	19030
B. Planting.	133400	66700	2021-22	10%	6670	73370
1 <sup>st</sup> Year Maintenance	9500	4750	2022-23	20%	950	5700
2 <sup>nd</sup> Year Maintenance	4800	2400	2023-24	30%	720	3120
3 <sup>rd</sup> Year Maintenance	4800	2400	2024-25	40%	960	3360
4 <sup>th</sup> Year Maintenance	2900	1450	2025-26	50%	725	2175
5 <sup>th</sup> Year Maintenance	2900	1450	2026-27	60%	870	2320
6 <sup>th</sup> Year Maintenance	2000	1000	2027-28	70%	700	1700
7 <sup>th</sup> Year Maintenance	2000	1000	2028-29	80%	800	1800
8 <sup>th</sup> Year Maintenance	2000	1000	2029-30	90%	900	1900
9 <sup>th</sup> Year Maintenance	2000	1000	2030-31	100%	1000	2000
10 <sup>th</sup> Year Maintenance	2000	1000	2031-32	110%	1100	2100
					Total	118575.00
Contingency						5928.75
Total + Contingency (In round)						124503.75
Department Charges 17.5%						21788.15625
G. Total						146292

  
Ankit Kumar Singh, IFS  
Divisional Forest Officer  
Chopal Forest Division, Chopal

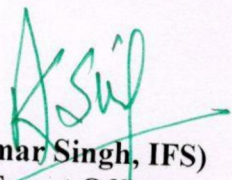
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### 5. Technical Details:

Technical details of Compensatory Afforestation Scheme are as follows:

- a) **General Details:** An area of 0.5 hectare will be taken up for planting under Compensatory Afforestation scheme in a single compact patch (UPF Topla) which is proposed land bank. The area will be protected by RCC Fence Post with five strands of Barbed wire fencing and a mixture of conifer and broad leaved species will be planted. 250 plants will be planted in all @ 500 plants per hectare.
- b) **Spacement** 3 mtr x 3 mtr.
- c) **Species:** Cedrus deodara, Easculus indica, Juglans regia, Alnus nitida, Robinia, Pseudoacaciaia & Pinus roxburghi, etc.
- d) **Plantation Method:** Nursery grown 2.5 year old pants (in Polythene bags as well as naked root) will be planted in 30 x 30 x 30 cm, 45 x 45 x 45 cm and 60 x 60 x 60 cm pits/patches in the selected area. Bush cutting will be done in the infested area. The plantation will be maintained for subsequent ten years in which beating up of failures will be done. The plantation will be rain-fed.
- e) **Soil and Moisture Conservation works.**
- f) **Protection (Fencing, Watch man, People's Participation etc.):**-Area will be protected from grazing by erecting RCC fence Post with barbed wire fencing at all vulnerable places around the plantation. Further watch and ward and also fire protection will be ensured through regular departmental staff patrolling.
- 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 suitable Topla UPF.

Dated: \_\_\_\_\_

  
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Divisional Forest Office  
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