

**CHECK LIST SERIAL NUMBER 17**

**“SCHEME FOR COMPENSATORY AFFORESTATION”**

Detailed scheme for Compensatory Afforestation to be carried out in lieu of 0.9889 hectare for diversion of Forest Land for C/o Helipad at Shawala, Tehsil Nerwa in the jurisdiction of Chopal Forest Division.

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

Village	Ruslah
Tehsil	Nerwa
District	Shimla, H.P.
Forest Division	Chopal Forest Division
Forest Range	Nerwa
Block No./Compartment No./Survey No. 53F/9	UPF Ruslah Beat Ruslah, Block Nerwa, Nerwa Range, Chopal Division
Area to be afforested	0.2 Hectare

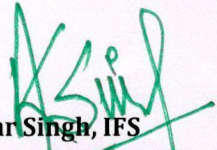
**2. Description of the Area**

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.

BILL FOR COMPENSATORY AFFORESTATION SCHEME OVER 0.2 HA OF FOREST LAND						
Area proposed for Compensatory Afforestation in ha =0.2						
Proposed for compensatory afforestation ha =0.2						
Plants to be planted per ha. 500						
Total No. Of plants to be planted 100						
Particulars of works.	Rates for 1 ha.	Rate for 0.2 ha.	Year of execution of works.	Cost escalation.	Amount of cost escalation.	Total amount.
		0.2				
A Survey, Demarcation and Fencing.	34600	6920	2021-22	10%	692	7612
B. Planting.	133400	26680	2021-22	10%	2668	29348
1 <sup>st</sup> Year Maintenance	9500	1900	2022-23	20%	380	2280
2 <sup>nd</sup> Year Maintenance	4800	960	2023-24	30%	288	1248
3 <sup>rd</sup> Year Maintenance	4800	960	2024-25	40%	384	1344
4 <sup>th</sup> Year Maintenance	2900	580	2025-26	50%	290	870
5 <sup>th</sup> Year Maintenance	2900	580	2026-27	60%	348	928
6 <sup>th</sup> Year Maintenance	2000	400	2027-28	70%	280	680
7 <sup>th</sup> Year Maintenance	2000	400	2028-29	80%	320	720
8 <sup>th</sup> Year Maintenance	2000	400	2029-30	90%	360	760
9 <sup>th</sup> Year Maintenance	2000	400	2030-31	100%	400	800
10 <sup>th</sup> Year Maintenance	2000	400	2031-32	110%	440	840
					Total	47430.00
Contingency						2371.5
Total + Contingency (In round)						49801.50
Department Charges 17.5%						8715.2625
G. Total						58517

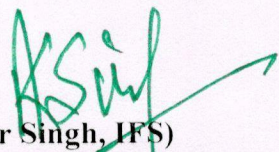
  
 Ankit Kumar Singh, IFS  
 Divisional Forest Officer  
 Chopal Forest Division, Chopal

**5. Technical Details:**

Technical details of Compensatory Afforestation Scheme are as follows:

- a) **General Details:** An area of 0.2 hectare will be taken up for planting under Compensatory Afforestation scheme in a single compact patch (UPF Ruslah) 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. 100 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 approachable from Nerwa Ruslah road.

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

  
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Divisional Forest Officer  
Chopal Forest Division, Chopal