

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	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

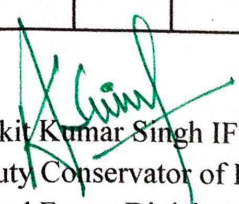
3. Plantation Model

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

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Bill for compensatory afforestation scheme over 2 hectare forest land in lieu of diversion of 00-98-89 hectare for the construction of Helipad at Shawala, within the jurisdiction of Chopal forest division District Shimla HP.

Area proposed for compensatory afforestation in hac.								2 ha.				
Name of the proposed plantation area								UPF Ruslah				
Total No. of plants to be planted								5060				
Rate per plant								28/-				
Plants to be planted per hectare								1100				
Particulars of works	Area in Ha.	Unfit cost at wages structure per ha. for 2022-23 including plants cost	Total Amount Col 2x3	No. of plants planted 1 ha.	Total No. of plants planted (2X5)	Total amount of plants @ 28 of each plant	Total amount (Unfit cost+Plant Cost (4+7)	Year of execution of works	Cost exaction	Amount of cost escalation.	Total amount (Col. 4+7)	
1	2	3	4	5	6	7	8	9	10	11	12	
Initial cost CA over an area of CA	2.0000	94500	189000	1100	2200	61600	250600	2023-24	10%	25060	275660	
1St year Maintenance	2.0000	11400	22800	330	660	18480	41280	2024-25	20%	8256	49536	
2nd year Maintenance	2.0000	7700	15400	220	440	12320	27720	2025-26	30%	8316	36036	
3rd year Maintenance	2.0000	3900	7800	110	220	6160	13960	2026-27	40%	5584	19544	
4th year Maintenance	2.0000	3900	7800	110	220	6160	13960	2027-28	50%	6980	20940	
5th year Maintenance	2.0000	3900	7800	110	220	6160	13960	2028-29	60%	8376	22336	
6th year Maintenance	2.0000	3900	7800	110	220	6160	13960	2029-30	70%	9772	23732	
7th year Maintenance	2.0000	3900	7800	110	220	6160	13960	2030-31	80%	11168	25128	
8th year Maintenance	2.0000	3900	7800	110	220	6160	13960	2031-32	90%	12564	26524	
9th year Maintenance	2.0000	3900	7800	110	220	6160	13960	2032-33	100%	13960	27920	
10th year Maintenance	2.0000	3900	7800	110	220	6160	13960	2033-34	110%	15356	29316	
			Total		5060						556672	
					Contingencies charges @ 5%							27834
					Total						584506	
					Departmental Charges 17.50%							102288
					G. Total						686794	

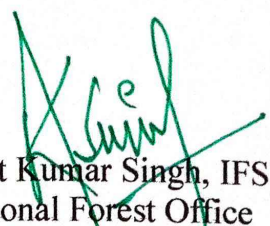

 (Ankit Kumar Singh IFS)
 Deputy Conservator of Forests,
 Chopal Forest Division Chopal

5. Technical Details:

Technical details of Compensatory Afforestation Scheme are as follows:

- a) General Details: An area of 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 5060 plants over the period of 10 years.
- b) Spacement 3 mtr x 3 mtr.
- c) Species: Cedrus deodara, Easculus indica, Juglans regia, Alnus nitida, Robinia, Pseudoacacia & 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: _____


(Ankit Kumar Singh, IFS)
Divisional Forest Office
Chopal Forest Division, Chopal