

CHECK LIST SERIAL NUMBER 17

“SCHEME FOR COMPENSATORY AFFORESTATION”

Detailed Scheme for Compensatory Afforestation to be carried out in lieu of 03-26-50 hectare for diversion of Forest Land for Construction of road from Sheel Thachali Soyab Bagna road, Tehsil Nerwa in the jurisdiction of Chopal Forest Division Distt. Shimla HP.

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

Village	Thachli
Tehsil	Nerwa
District	Shimla, H.P.
Forest Division	Chopal Forest Division
Forest Range	Nerwa
Block No./Compartment No./Survey No. 53F/9	UPF Kahu of Beat Bagna, Block Khadar, Nerwa Range, Chopal Division Distt. Shimla HP.
Area to be afforested	6.5300 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 enclosed.

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Bill for compensatory afforestation scheme over 6-53-00 ha of Forest land in lieu of diversion of 03-26-50 ha for the construction of road from Sheel Thachali Soyal Bagna road km. 0/0 to 6/685, within the jurisdiction of Chopal Forest Division District Shimla HP.

Area proposed for compensatory afforestation								6-53-00 Hectare			
Name of the proposal planting area								UPF Kahu			
Plants to be planted per ha.								1100			
Total No. of plants to be planted								16521			
Rate per plant								32/-			
Species to be planted								Deodar Ban, & B/L Species			
Particulars of works	Area in Ha.	Unit cost at wages structure per ha. for 2023-24 including	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 (Unit cost+Plant Cost (4+7))	Year of execution of works	Cost escalation	Amount of cost execution.	Total amount (Col. 8+11)
1	2	3	4	5	6	7	8	9	10	11	12
Initial cost CA over an area of CA	6.5300	103900	678467	1100	7183	229856	908323	2025-26	10%	90832	999155
1st year Maintenance	6.5300	12100	79013	330	2155	68957	147970	2026-27	20%	29594	177564
2nd year Maintenance	6.5300	8200	53546	220	1437	45971	99517.2	2027-28	30%	29855	129372
3rd year Maintenance	6.5300	4200	27426	110	718	22986	50411.6	2028-29	40%	20165	70576
4th year Maintenance	6.5300	4200	27426	110	718	22986	50411.6	2029-30	50%	25206	75617
5th year Maintenance	6.5300	4200	27426	110	718	22986	50411.6	2030-31	60%	30247	80659
6th year Maintenance	6.5300	4200	27426	110	718	22986	50411.6	2031-32	70%	35288	85700
7th year Maintenance	6.5300	4200	27426	110	718	22986	50411.6	2032-33	80%	40329	90741
8th year Maintenance	6.5300	4200	27426	110	718	22986	50411.6	2033-34	90%	45370	95782
9th year Maintenance	6.5300	4200	27426	110	718	22986	50411.6	2034-35	100%	50412	100823
10th year Maintenance	6.5300	4200	27426	110	718	22986	50411.6	2035-36	110%	55453	105864
			Total		16521						2011854
					Contingencies charges @ 5%						100593
					Total						2112447
					Departmental Charges 17.50%						369678
					G. Total						2482125

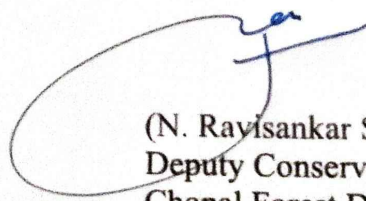
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Deputy Conservator of Forests,
Chopal Forest Division Chopal

5. Technical Details:

Technical details of Compensatory Afforestation Scheme are as follows:

- a) General Details: An area of **6.53.00** hectare will be taken up for planting under Compensatory Afforestation scheme in a single compact patch (UPF Kahu) 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 **16521** plants.
- 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 suitable UPF Kahu.

Dated: 9/10/25


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Chopal Forest Division, Chopal