

**Full Title of the Project: -** C/o Road Bhaba Mud Sangnam Attergoo Km 0/00 to 44/400 road in Distt. Kinnaur H.P (Portion Km 0/00 to 07/0 under Territorial region & Portion Km 7/00 to 44/400 under Wildlife region).

**File No.:-**

**Date of Proposal: -**

**CHECK LIST SERIAL NUMBER-18**  
**SCHEME FOR COMPENSATORY AFFORESTATION.**

Detail scheme for compensatory afforestation to be carried out in lieu of diversion of 20.80 ha. of forest area for construction of Road Bhaba Mud Sangnam Attergoo Km 0/00 to 44/400 road in Distt. Kinnaur H.P (Portion Km 0/00 to 07/0 under Territorial region & Portion Km 7/00 to 44/400 under Wildlife region) Distt. Kinnaur H.P.

**1. Details of degraded forest land/non forest land:-**

District:- Kinnaur  
Tehsil Nichar  
Name of Forest Division:- Wildlife Division Sarahan Range:-Rupi at N/Sari  
Block/Compartment/Survey No. UPF-27  
Area to be afforested: 42.00 ha.

**2. Description of area:-**

- i. Whether the site selected for compensatory afforestation is a land bank or not:- Yes.
- ii. If the CA site is other than the land bank, reasons be given:- NA
- iii. In case of non forest area identified form A, 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.
- vi. 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 including nursery cost	Total amount
0 year			
1 <sup>st</sup> year maintenance	42.00 ha.	197340	8288280
2 <sup>nd</sup> year maintenance	42.00 ha.	39150	1644300
3 <sup>rd</sup> year maintenance	42.00 ha.	27220	1143240
4 <sup>th</sup> year maintenance	42.00 ha.	14230	597660
5 <sup>th</sup> year maintenance	42.00 ha.	14720	618240
6 <sup>th</sup> year maintenance	42.00 ha.	15210	638820
7 <sup>th</sup> year maintenance	42.00 ha.	15700	659400
8 <sup>th</sup> year maintenance	42.00 ha.	16190	679980
9 <sup>th</sup> year maintenance	42.00 ha.	16680	700560
10 <sup>th</sup> year maintenance	42.00 ha.	17170	721140
		17660	741720
		<b>Total =</b>	<b>16433340</b>
		Contingency Charges @ 5%	821667
		<b>Total cost of CA scheme</b>	<b>17255007</b>
		Departmental charges @ 17.5%	3019626
		<b>G. Total =</b>	<b>20274633</b>

5. **Technical details:-**

Technical details of compensatory afforestation scheme are as follows:-

- General Details:-** An area of 42.00 ha. will be taken up for planting under compensatory afforestation scheme in UPF-27 in identified land bank area. The area will be protected by Barbed wire fencing and conifer and broad leaves will be planted. 1100 plants will be planted per hectare.
- Spacement:-** 2.5 mtrs x 2.5 mtr
- Species:-** Coniferous and other broad leave species.
- Plantation Method:-** Nursery grown two and half years old conifer plants and one year old broad leaves plants (in Polythene bags as well as naked root) will be planted in 30x30x30 cm and 45x45x45 cm pits in the selected area. Bush cutting will be done 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.
- Soil 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 trench works, check walls and check dams be done where ever required.

- (f) Protection (fencing, Watchman, 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 departmental 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.
- (h) Any other information:- Nil.

Dated:-

Place:-

*Ash Negi*  
(Ashok Kumar Negi), IFS  
Dy. Conservator of Forests,  
Wildlife Forest Division,  
Sarahan.

Office Seal \_\_\_\_\_

**Divisional Forest Officer**  
**Wildlife Division**  
**Sarahan, H. P.**

Full Title of the Project: -

Division of 20.80 ha. of forest land for construction of Bhaba Mudh Road within the jurisdiction of Wildlife Division Sarahan

File No.:-

Division Sarahan

FP/HP/Road/13991/1/2021

Date of Proposal:-

**BILL FOR COMPENSATORY AFFORESTATION SCHEME IN RESPECT OF DIVERSION OF LAND FOR CONSTRUCTION OF ROAD BHABA MUDH**

**SANGAM ATTERGOO, DISTT. KINNAUR H.P WITHIN THE JURISDICTION OF WILDLIFE FOREST DIVISION, SARAHAN**

Particulars of works	Year of execution of works	Unit cost at wage structure for 2023-24	Cost escalation	Unit cost after applying cost escalation	CA area	Total	No. of plants per ha.	No. of plants to be planted	Cost of plants @ Rs. 67/-	Total Amount
Area proposed for Compensatory Afforestation in hac										
Name of the proposed plantation area										
Number of plants to be planted per hectare										
Total number of plants to be planted in proposed area										
Species to be planted in proposed area										
Initial cost for raising compensatory Afforestation over an area of 42.00 hectare										
1 <sup>st</sup> year maintenance	2026-27	14200	20%	17040	42	715680	330	13860	928620	1644300
2 <sup>nd</sup> year maintenance	2027-28	9600	30%	12480	42	524160	220	9240	619080	1143240
3 <sup>rd</sup> year maintenance	2028-29	4900	40%	6860	42	288120	110	4620	309540	597660
4 <sup>th</sup> year maintenance	2029-30	4900	50%	7350	42	308700	110	4620	309540	618240
5 <sup>th</sup> year maintenance	2030-31	4900	60%	7840	42	329280	110	4620	309540	638820
6 <sup>th</sup> year maintenance	2031-32	4900	70%	8330	42	349860	110	4620	309540	659400
7 <sup>th</sup> year maintenance	2032-33	4900	80%	8820	42	370440	110	4620	309540	679980
8 <sup>th</sup> year maintenance	2033-34	4900	90%	9310	42	391020	110	4620	309540	700560
9 <sup>th</sup> year maintenance	2034-35	4900	100%	9800	42	411600	110	4620	309540	721140
10 <sup>th</sup> year maintenance	2035-36	4900	110%	10290	42	432180	110	4620	309540	741720
Total =										16433340
Contingencies Charges @ 5%										821667
Total cost of CA Scheme										17255007
Departmental Charges @ 17.5%										3019626
G. Total =										20274633

(Ashok Kumar Negi), IFS  
Dy. Conservator of Forests,  
Wild Life Division, Sarahan.