

Compensatory Afforestation Scheme

Full Title of the Forest Land Diversion Project:- Construction of road from Gatha to Hanga Noori

File No:-PF/JK/ROAD/49135/2020

Date of Proposal:-28-08-2020

Name of the Forest Division: - Bhadarwah Forest Division

Forest Area to be diverted: - 1.65 ha

Details of land where C.A is to be carried out:

Degraded Forest Land Yes Area: 4.45 ha

(**Note:** Out of 4.45 ha area 3.5 ha area is available for plantation and rest area is having vegetation.)

Non-Forest Land No Area:NA

Forest Division: Bhadarwah Forest Division District:- Doda

Range:-Neeru Tehsil: Bhadarwah

Compartment No:-53a/N Khasra No :- NA

C.A Site (Name of Location) TapriHadel C.A Area:- 4.45 ha

C.A Site Geo Coordinates:

Starting Point: Latitude: 32° 57.985' N Ending Point: Latitude: 32° 58.019' N

Starting Point Longitude: 75° 40.227'E Ending Point: Longitude75° 40.268' E

In case of non-forest area identified for CA. then what is the distance of C.A site from the adjoining forest boundary:-NA

1) Description of C.A Site:

A Soil Type:-Podsol/Rocky

B Topography: hilly/undulating/plain:-Hilly

C Slope: steep/medium/gentle:- Moderate Slope

D For non-forest-land description of existing vegetation/root stock and density:- NA

z) In case of degraded forest land-description of forest type and crown density:- Mixed Coniferous Working Circle & 0.35

2) Plantation Model:

Compensatory afforestation over an area of 4.45ha.of degraded forest land is proposed to be raised. The area selected for this purpose falls under mixed coniferous working circle as per the prescription of the current working plan (2013-14 to 2023-24). Presently the area supports scattered Deodar and Kail trees. Whole of the plantation of 3.5 ha. will be raised in a single compact block inside the degraded forest for such purpose. The area indentified for plantation has also been shown on the attached map. Plants @ 1000 plants per ha. will be planted. Thus, 3500 plants under this diversion proposal will be planted on the proposed site. The species to be planted will be mainly Deodar/Kail(CedrusDeodara / Pinuswallichiana) plants. The plantation will be raised in the following year after the approval of FCA proposal and further maintenance and beating up of failures will be done for the subsequent ten years. The scheme will be implemented by the Forest Department through Divisional Forest Officer, Bhadarwah Forest Division. The financial outlay for compensatory plantation scheme is Rs. **268012.00**. Certificate of the DFO Bhadarwah regarding suitability of area identified for compensatory plantation is attached. The area selected for compensatory plantation will be approachable from existing proposed road. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I. instructions.

3) COST OF FENCING OF CLOSURES INVOLVED IN COMPENSATORY AFFORESTATION.

<u>Forest area to be diverted:-</u>	1.65 ha.
<u>Degraded forest area to be covered under CA:-</u>	4.45 ha.
<u>Number of trees to be felled:-</u>	57(T)+51(P)+100(S) = 208
<u>Number of plants to be planted:-</u>	3500

**C.A for 4.45 ha (plantation area 3.5 ha) in degraded Forest in Neeru Range
of Bhadarwah Forest Division**


S.No	Description	Unit	No	Rate (in Rs.)	Total Amount (in Rs.)
A	Plantation Work		3500		14010
1	1 st year of maintenance		875		35026
2	2 nd year of Maintenance		525		21015
3	3 rd year of Maintenance		175		7005
4	4 th year of Maintenance		175		7005
5	5 th year of Maintenance		175		7005
6	6 th year of Maintenance		175		7005
7	7 th year of Maintenance		175		7005
8	8 th year of Maintenance		175		7005
9	9 th year of Maintenance		175		7005
10	10 th year of Maintenance		175		7005
				40.03	
Total					126091
B	Other Afforestation Interventions (as per the requirement of the site condition)	0	0	0	0
1	Nursery Raising		0	0	0
	Transportation			0	0
	Patch Showing	1000	0	6.99	6990
2	Planting of Grass Slips	300	0	6.35	1905
C	Fencing				0
1	Square PCC Post Fencing (4 Strand)	RFT	1335	72.78	97161
2	01 No. of Sign Board			Estt.	5000
3	01 No. of Gate			Estt.	1000
4	Wooden Fencing	0	0	0	0
	Chain Link Fencing	0	0	0	0
	Fencing Repair	0	0	0	0
D	Site Preparation:	ha	0	0	0
E	Pruning and Training of Existing Root Stocks:	No	0	0	0
TotalB+C+D+E=					112056

F	Soil & water conservation and protection measures like construction of fire lines and inspection path (5cum)	5500
Total (A+B+C+D+E+F)		243647
G	Supervisory/ Watch & Ward / Overhead/ Miscellaneous Charges: (10% of the C.A Charges)	24365
Grand Total (A+B+C+D+E+F+G)		268012

Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

- a) **General Details:** - An area of 3.5 ha. Will be taken up for planting under compensatory afforestation scheme in forest compartment No. 53a/N in a single compact block. The area will be protected by using square PCC fence posts with barbed wire fencing and by planting Deodar/Kail species plants. Plants will be planted @ 1000 plants per ha.
- b) **Plantation Method:** - Nursery grown two to three years old plants of Deodar/Kail species will be planted in the pits of size 45 X 45 X 45 cm in the selected area. The plantation will be maintained for subsequent 10 years in which beating up failures will be done. The plantation will be rainfed.
- c) **Spacing:** - 2.50 mts x 2.50 mts.
- d) **Species proposed to be planted:-** Deodar/Kail (*Cedrus deodara*/*Pinus wallichiana*).
- e) **Silvicultural Operations:-** NA
- f) **Soil & Moisture Conservation Works:-** Minor Soil conservation works like gully plugging, check walls will be done where ever required.
- g) **Protection:** (Fencing, Watch & Ward and People's Participation etc):- Area will be protected from grazing by erecting barbed wire fencing around the plantation site. Watch & ward shall be provided by engaging a watch man. Fire Protection shall also be provided by this watch man.
- h) **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.
- i) **Any other Information:-** NA


Range Forest Officer
Neeru Forest Range
Bhaderwah


Divisional Forest Officer
Forest Division Bhaderwah