

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for compensatory Afforestation to be carried out in lieu of diversion of **1.92** hectare of forest land for C/O Chillion to Chowki Mrigwall in RF Sataun C-3 and C-4 by HPPWD Division Shillai in Sirmour District, Himachal Pradesh. Afforestation will be done over **3.84 hectare** i.e. two times the forest land area to be diverted.

1). Details of degraded forest Land / Non-forest land:-

a) District	Sirmour
b) Village (Name of land Bank)	RF Sataun C-1
c) Tehsil	Kamrau
d) Name of Forest Division	Renuka Ji
e) Range	Kafota Forest Range
f) Scale	1:15000
g) Block/Compartment/Survey No.	53F/10
h) Area to be afforested	3.84 Hectare

2). Description of Area:-

a) Whether the site selected for compensatory afforestation is a land bank or not:

Yes. The selected site is a land bank.

b) If the CA site is other than the land bank reason be given:

Not applicable as the site selected is a land bank.

c) In the case of non-forest area identified for CA, then what is the distance of CA site from adjoining forest boundary?

Not applicable as the site selected is a forest area.

d) Soil Type: Rocky (soft) and Sandy loom

e) Topography: Hilly

ii) Slope: Steep / **Medium** / Gentle

f) Whether the area is bearing any root stock of vegetation: No

3) Plantation Model:-

Compensatory afforestation over an area of 3.84ha of degraded forest land is proposed to be raised. The area selected for this purpose is in RF Sataun C-1, which is a degraded forest area and has been a land bank. Whole of the plantation of 3.84 will be raised in a single compact block inside the degraded forest for such purpose. The area identified for plantation has also been shown on the attached map. Plants @1100 plants per hectare will be planted. Thus 3080 plants under this diversion proposal will be planted in the land bank. The species to be planted will be mainly Broad leaved. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I. instructions.


Particular of works	Area under CA scheme (In Hact.)	Norm fixed for 2018-19 at the wage rate of Rs.225/- per day.	Year of execution of works	Cost Escalation of 10% rate for each financial year	Total amount of CA
(a) Initial cost for Plantation	3.84	81900	2020-21	90090	3,45,946/-
Soil Conservation Works				L/s	100000/-
(b) 1 st year maintenance	3.84	12460	2021-22	13710	4,45,946/-
2 nd year maintenance	3.84	8340	2022-23	9180	52650
3 rd year maintenance	3.84	4270	2023-24	4700	35260
4 th year maintenance	3.84	2400	2024-25	2640	18050
5 th year maintenance	3.84	2400	2026-27	2640	10140
6 th year maintenance	3.84	2400	2027-28	2640	10140
7 th year maintenance	3.84	2400	2028-30	2640	10140
8 th year maintenance	3.84	2400	2030-31	2640	10140
9 th year maintenance	3.84	2400	2031-32	2640	10140
10 th year maintenance	3.84	2400	2033-34	2640	10140
			Total Maintenance		1,76,940/-
			Total (a+b)		6,22,886/-
Departmental Charges				17.5%	109010/-
Contingencies				5%	31150/-
				Total	7,63,046/-
				Or Say	7,63,100/-

4). Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- (a) **General Details:** - An area of 3.84 ha will be taken up for planting under compensatory afforestation scheme in RF Sataun C-1 a single compact block. The area will be protected by Barbed wire fencing and a mixture of conifer and broad leaved species will be planted. Plants will be planted @ 1100 plants per hectare.

- (b) Spacing:- 3.0 mtr×3.0 mtr
1. Species:- Broad Leaved.
- (c) **Plantation Method:-** Nursery grown one year old plants of Mixed species of Broad Leaved) Polythene bags will be planted in 45×45×45 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 failures will be done. The plantation will be rain faded.
- (d) **Soil and 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 gully plugging check walls will be done where ever required.
- (e) **Protection (Fencing, Watch man, People's Participation etc.):**- Area will be protected from grazing by erecting barbed wire fencing at all vulnerable place around the plantation. Further watch and ward as also fire protection will be ensured through regular departmental staff.
- (f) **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.


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