

CHECK LIST SERIAL NUMBER-17
SCHEME FOR COMPENSATORY AFFORESTATION.

Detail scheme for compensatory afforestation to be carried out in lieu of 0-56-19 ha. of forest area to be diverted for construction of transmission line from Duttanagar to Nogli Sub-station in Tehsil Rampur of Shimla District.

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

District:- Shimla Village:- Chiksa
Tehsil:- Rampur Bushahr
Name of Forest Division:- Rampur Bushahr Range:- Rampur Range
Block No./Compartment No. /Survey No. 53 E/11 UF- Chiksa
Area to be afforested: 1.1238 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:- Not applicable.
- iii. In case of non forest area identified form A, then what is the distance of CA site from the adjoining forest boundary:- Not applicable
- 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	Amount
0 year i.e. year plantation	1.1238 ha.	102312	126476
1 st year maintenance	1.1238 ha.	15452	20838
2 nd year maintenance	1.1238 ha.	10364	15141
3 rd year maintenance	1.1238 ha.	5282	8310
4 th year maintenance	1.1238 ha.	5282	8904
5 th year maintenance	1.1238 ha.	5282	9497
6 th year maintenance	1.1238 ha.	5282	10091
7 th year maintenance	1.1238 ha.	5282	10685
8 th year maintenance	1.1238 ha.	5282	11278
9 th year maintenance	1.1238 ha.	5282	11872
10 th year maintenance	1.1238 ha.	5282	12465
Total			245558
Contingency Charges @ 5%			12278

Total cost of CA Scheme	257836
Departmental charges @ 17.5%	45121
G. Total	302957

5. **Technical details:-**

Technical details of compensatory afforestation scheme are as follows:-

- (a) General Details:- An area of 1.1238 ha. will be taken up for planting under compensatory afforestation scheme in UF-Chiksa in a single compact patch. The area will be protected by Barbed wire fencing and a mixture of conifer and broad leaved species will be planted 1100 plants will be planted per hectare.
- (b) Spacement:- 2.5 mtrs x 2.5 mtr
- (c) Species:- Conifer & other broad leave species.
- (d) Plantation Method:-Nursery grown one year old plants (in Polythene bags as well as naked root) will be planted in 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.
- (e) 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 gully plugging, check walls 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. The plantation sites will be approachable from Rampur Taklech Shraikoti road.
- (h) Any other information:- Nil.


 Dy. Conservator of Forests
 Rampur Forest Division,
 Rampur Bushahr (H.P.)

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