

## SCHEME FOR COMPENSATORY AFFORESTATION

Detail scheme for Compensatory Afforestation to be carried out in lieu of 03-30-96a of forest area to be diverted for the construction of C/O Augmentation & Integration of VWSS Matiana, Kumarsain, Sainj and other villages of Theog Constituency Details of degraded forest land/non-forest land:-

District	Shimla
Village	Nathan
Tehsil	Kumarsain
Name of Forest Division	Kotgarh
Range	Kumarsain
Block/Compartment/Survey No.	UPF Banahardhar C-232
Area to be afforested	7-00-00 Ha.

## 1. Description of Area:-

1	Whether the site selected for Compensatory Afforestation is a land bank or not	Yes the selected area is a land bank.
2	If the CA site is other than the land bank, reasons be given	NA
3	In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary:-	NA
4	Soil type	Sandy loam.
5	Topography	Hilly Medium
6	Whether the area is bearing any root stock of vegetation species exist in the area except for some bushes stuff.	No

## 2. Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up is enclosed.

## 3. Schedule of plantation Programme:-

Detail of year wise break-up of requirement of funds is as under:-

Year	Area	Rate/ha	Total Amount
Initial cost of raising afforestation	07-00-00 ha.	87780	614460
1st year	1st year maint.	19070	133490
2nd year	2nd year maint.	13060	91420
3rd year	3rd year maint.	8590	60130
4th year	4th year maint.	9200	64400
5th year	5th year maint.	9820	68740
6th year	6th year maint.	10430	73010
7th year	7th year maint.	11040	77280



	G.Total	1182930
Add 11.11 % Increase		131424
Total:-		1314354
Departmental charges @17.5%:-		230012
Contingencies @5%:-		65718
G.Total :-		1610084
	Or Say Rs.	1610000

#### 4. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:** - An area of 7 ha will be taken up for planting under compensatory afforestation scheme in UPF Banahardhar (20 ha.) which is a land bank. The area will be protected by Barbed wire fencing and a mixture of Chil & other BL species will be planted. Total 7700 plants will be planted in all in 7 Ha @1100 plants per hectare.
- Spacement :-** 3mtr x 3mtr
- Species:-** Chil & other broad leaved species
- Plantation Method:** - Nursery grown 3½ years old plants in P.bags will be planted in 30 x 30 x 30 cm. pits in the selected area. Bush cutting will be done in the infested area. The plantation will be maintained for subsequent 7 years in which betting up of operation will be done.
- 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.
- Protection (Fencing, Watch man, 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.
- 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 approachable from Nathan.
- Any other information:** - Nil.

Dated 20-12-16

Place: Kotgarh.

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