

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

Detail scheme for Compensatory Afforestation to be carried out in lieu of 05-79-46 ha of forest area in Kotgarh Forest Division to be diverted for the C/O LINK ROAD FROM REOG GALANGHATTI VIA DAWALA KM 0/000 TO 8/050

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

District	Shimla
Village	Kepu
Tehsil	Kumarsain
Name of Forest Division	Kotgarh
Range	Kotgarh
Block/Compartment/Survey No.	DPF Kepu CN-35
Area to be afforested	12-00-00 Ha.

2. 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

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 attached.

5. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

i) **General Details:** - An area of 12 ha will be taken up for planting under compensatory afforestation scheme in DPF Kepu CN-35(12 ha.) selected area. The area will be protected by Barbed wire fencing and a mixture of Chil & other BL species with a mix 40% mix of fruit trees will be planted. Total 1100 plants will be planted in all in 12 Ha @1100 plants per hectare.

j) **Spacement :-** 4mtr x 4mtr

k) **Species:-** Chil & other broad leaved species with 40% mix of fruit bearing plants.

l) **Plantation Method:** - Nursery grown 3½ years old plants in P.bags will be planted in 60 x 60 x 60 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 betting up of operation will be done.

m) **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.

n) **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.

-55-

o) **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 NH-05 at Kepu.

p) **Any other information:** -

Nil.

Dated:- _____

Place:- Kotgarh.

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(Raj Kumar, HPFS)
Divisional Forest Officer,
Kotgarh Forest Division, H.P.
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-56-

BILL FOR COMPENSATORY AFFORESTATION SCHEME OVER 12 HECTARES (DPF KEPU CN-35) FOREST LAND IN LIEU OF PROPOSED DIVERSION OF FOREST LAND FOR C/O LINK ROAD FROM REOG GALANGHATTI VIA DAWALA WITHIN THE JURISDICTION OF KOTGARH FOREST DIVISION.											
Area where compensatory Afforestation can be done in hac.	12										
Plants to be planted per ha	1100										
Total number of plants to be planted	13200										
1	2	3	4	5	6	7	8	9	10	11	12
Particulars of works	Area(in hac.)	Units cost at wage structure for 2022-23	Plantation cost	plant to be planted per hect	Total no of plant to be planted	Nursey cost per plant	Total nursery cost	Total plantation cost + nursery cost(Col. 4+8)	Year of execution of works	Add 10% Execution for undertaking works in subsequent	Total amount(Col. 9+11)
Initial cost for raising afforestation over an area of 12 ha	12	89800	1077600.00	1100	13200	23	303600.00	1381200.00	2023-2024	138120.00	1519320.00
25% of CA cost for Soil and Moisture conservation											
1st year maintenance	12	10600	127200.00	330	3960	23	91080.00	218280.00	2024-2025	43656.00	379830.00
2nd year maintenance	12	7100	85200.00	220	2640	23	60720.00	145920.00	2025-2026	43776.00	261936.00
3rd year maintenance	12	3700	44400.00	110	1320	23	30360.00	74760.00	2026-2027	29904.00	189696.00
4th year maintenance	12	3700	44400.00	110	1320	23	30360.00	74760.00	2027-2028	37380.00	104664.00
5th year maintenance	12	3700	44400.00	110	1320	23	30360.00	74760.00	2028-2029	44856.00	112140.00
6th year maintenance	12	3700	44400.00	110	1320	23	30360.00	74760.00	2029-2030	52332.00	119616.00
7th year maintenance	12	3700	44400.00	110	1320	23	30360.00	74760.00	2030-2031	59808.00	127092.00
8th year maintenance	12	3700	44400.00	110	1320	23	30360.00	74760.00	2031-2032	67284.00	134568.00
9th year maintenance	12	3700	44400.00	110	1320	23	30360.00	74760.00	2032-2033	74760.00	142044.00
10 year maintenance	12	3700	44400.00	110	1320	23	30360.00	74760.00	2033-2034	82236.00	149520.00
Total cost of Maintenance(A)									3397422.00		
								contingencies Charges @ 5%	169871.10		
								Total cost of CA scheme	3567293.10		
								Departmental Charges @ 17.5%	624276.29		
								G.Total	4191569.39		
								or Say	4191569		

Chaj Kumar
 Divisional Forest Officer,
 Kotgarh Forest Division, H.