CHECK LIST SERIAL NUMBER-17

SCHEME FOR COMPENSATORY AFFORESTATION

Detail scheme for Compensatory Afforestation to be carried out in lieu of 0-86-80 ha of forest area to be diverted for the construction of **C/O Chelri to Lowar Kiara road km.0/0 to 3/465)_Details of degraded forest land/non-forest land:-**

District	Shimla
Village	Bantipper
Tehsil	Kumarsain
Name of Forest Division	Kotgarh
Range	Kotgarh
Block/Compartment/Survey No.	DPF Kepu CN-35 15 ha.
Area to be afforested	02-00-00 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	02-00-00 ha.	87780	175560
Ist year	1st year maint.	19070	38140
2nd year	2nd year maint.	13060	26120
3rd year	3rd year maint.	8590	17180
4th year	4th year maint.	9200	18400
5th year	5th year maint.	9820	19640
6th year	6st year maint.	10430	20860
7th year	7th year maint.	11040	22080
		G.Total	337980
Add 11.11 % Increase			37550
Total:-			375530
Departmental charges @17.5%:-			65718
Contingencies @5%:-			18776
G.Total :-			460024
		Or Say Rs.	460000

4. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

(a) **General Details: -** An area of 2.00 ha will be taken up for planting under compensatory afforestation scheme in DPF Kepu CN-35 (15 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 2200 plants will be planted in all in 2 Ha @1100 plants per hectare.

(b) **Spacement** :- 3mtr x 3mtr

(c) **Species:-** Chil & other broad leaved species

(d) **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

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done in the infested area. The plantation will be maintained for subsequent 7 years in which betting up of operation will be done.

(e) **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.

(f) **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.

(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 site will be approachable from Bithal.

(h) **Any other information: -** Nil.

Dated 16/9/16

Range Forest Officer
Forest Range, Kotgarh

(H.K.Gupta, HPFS)
Divisional Forest Officer,
Kotgarh Forest Division,

Divisional Forest Officer
Kotgarh Forest Division

Place: Kotgarh.

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