

Title of Project:- DIVERSION OF 1.58 HAC. OF FOREST LAND IN FAVOUR OF H.P.P.W.D. FOR THE CONSTRUCTION OF LINK ROAD FROM RAJNAGAR TO BHANDAR VIA RUPANI KM 0/00 TO 4/300 WITHIN THE JURISDICTION OF CHAMBA FOREST DIVISION DISTT CHAMBA (HP).

File No:-

Date of Proposal:

CHECK LIST No.18

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for Compensatory Afforestation to be carried out in lieu of 1.58 Hectare forest area to be diverted for the construction of link road from Rajnagar to Bhandar via Rupani km 0/00 to 4/300 within the jurisdiction of Chamba Forest Division Distt Chamba (HP).

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

a) District	Chamba
b) Village	Bhuman
c) Tehsil	Chamba
d) Name of forest	Chamba
e) Range	Masroond
f) Block / Compartment / Survey No.	52/D/2
g) Area to be afforested	3.16 Hac.

2. Descriptions of Area:

i):- Whether the site selected for Compensatory Afforestation is a land Bank or not **Yes. The site selected for Compensatory Afforestation is a land bank along road side:**

ii):-If the CA site is other than the land In case of non-forest area identified for CA, than what is the distance of CA site from adjoining forest boundary: **Not applicable** as the site selected is land bank. **Not applicable** as the site selected is a forest area.

iv):-Soil Type : **Clayey Loam**

v):-Topography "a" **Hilly**

"b" Slope: **Medium**

vi):-Whether the area is bearing any roote stock of Vegetation: **No**

3. Plantation Model:

(a) Compensatory afforestation over an area of 3.16 ha of degraded forest land proposed to be raised. The area selected for this purpose in Dhudagalu DPF which is degraded forest area & has been notified as a land bank. Presently the area supports scattered Kahoo & Chil trees. The area identified for plantation has also been shown on the attached map. Plants @ 1100 plants per hectare will be planted. The plantation will be raised in the following years after the approval of FCA proposal and further maintenance and beating up of failure will be done for the subsequent ten years. The scheme will be implemented by Forest Department through DFO Chamba. The cost structure of scheme is attached. The scheme has been formulated by taking into consideration the present wage rate Rs. 200/- and 10% cost escalation after first year has been provided. Total financial outlay for compensatory plantation scheme is Rs.962816/- Certificate of DFO Chamba regarding suitability of area identified for compensatory plantation is attached. The area selected for compensatory plantation will be approachable Chamba -Koti-Chandi-Chakloo road and the monitoring will be done as per existing monitoring mechanism in the forest department at present and also as per GOI instructions.

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 per Ha including Nry Cost (NT)	Total Amount	Total financial years
(A):- 0 Year	3.16	113218	357768.88	2021-22
(B):- At the rate 25% planting cost			89442.22	
		Total:-	447211.10	
1st Year Maint.	3.16	18763	59291.08	2022-23
2nd Year Maint.	3.16	13624	43051.84	2023-24
3rd Year Maint.	3.16	7482	23643.12	2024-25
4th Year Maint.	3.16	8016	25330.56	2025-26
5th Year Maint.	3.16	8550	27018.00	2026-27
6th Year Maint.	3.16	9085	28708.60	2027-28
7th Year Maint.	3.16	9619	30396.04	2028-29
8th Year Maint.	3.16	10154	32086.64	2029-30
9th Year Maint.	3.16	10688	33774.08	2030-31
10th Year Maint.	3.16	11222	35461.52	2031-32
		Total	338761.48	
		Total(A+B)	785972.58	
		Contingencies Charges 5% Total CA	39299	
		Sub Total	825271.21	
		Department Charges @17.50%	137545.2	
		Total	962816	

The cost of the scheme is detailed below:-

Schedule of plantation programme:

Year	Area	Rate per Ha including Nry Cost (NT)	Total Amount	Total financial years
(A):- 0 Year	3.16	113218	357768.88	2021-22
		planting cost 25%	89442	
		Departmental Charges@ 17.50%	137545	
		Contingencies 5% of Total CA	39299	
		Total	624055	
(B)				
1st Year Maint.	3.16	18763	59291.08	2022-23
2nd Year Maint.	3.16	13624	43051.84	2023-24
3rd Year Maint.	3.16	7482	23643.12	2024-25
4th Year Maint.	3.16	8016	25330.56	2025-26
5th Year Maint.	3.16	8550	27018.00	2026-27
6th Year Maint.	3.16	9085	28708.60	2027-28
7th Year Maint.	3.16	9619	30396.04	2028-29
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9th Year Maint.	3.16	10688	33774.08	2030-31
10th Year Maint.	3.16	11222	35461.52	2031-32
		Total (A+B)	338761	
		Total	962816	

1. Technical Details:

Technical Details of Compensatory afforestation Scheme are as follows:-

(a) General Details: an area of **3.16 hec** will be taken up for planting under compensatory afforestation scheme in **Dhudagalu DPF**. 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: 3.00 Mtr x 2.5Mtr.

(c) Species : Deo, Ban and other broad leaved.

(d) Plantation Method: Nursery grown one year old plants (in Polythene bags as well as naked root) will be planted in 30x30x30 cm and 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 and Moisture Conservation: -

(a) 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.

(b) Proposed Monitoring Mechanism: The plantation will be monitored as per existing monitoring mechanism by GOI representatives as per instruction. The plantation site will be approachable.

(c) Any other information : Nil

Date:- 30-06-2021.

Place:- Chamba

AMIT SHARMA, HPFS

Divisional Forest Officer

Chamba Forest Division, Chamba