

**Full Title of Project:-** Diversion of 2.37 Hac. of Forest Land in favour of H.P.P.W.D. for the construction of motorable road from Rajera (Bhaniya) Bailly Km 0/0 to 4/500 within the jurisdiction of Chamba Forest Division.

**File No:-**

**Date of Proposal:**

**CHECK LIST No.17**

**"SCHEME FOR COMPENSATORY AFFORESTATION"**

Detail scheme for Compensatory Afforestation to be carried out in lieu of 2.37 Hectare forest area to be diverted for the construction of motorable road from Rajera (Bhaniya) Bailly Km 0/0 to 4/500 within the jurisdiction of Chamba Forest Division.

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

a) District	Chamba
b) Village	Rupni
c) Tehsil	Chamba
d) Name of forest Division	Chamba
e) Range	Lower Chamba Range
f) Block / Compartment / Survey No.	52/D/2
g) Area to be afforested	4.74 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 bank reason be given :

**Not applicable** as the site selected is land bank.

(iii) 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 a forest area.

iv):-Soil Type :

**Clayey Loam**

v):-Topography

"a"

**Hilly**

Hilly/Undulating/Plain.

"b" Slope: Steep/Medium / Gentle.

**Medium**

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

### 3. Plantation Model:

(a) Compensatory afforestation over an area of **4.74 hec.** of degraded forest land proposed to be raised. The area selected for this purpose in **Dotu Saloth DPF** which is degraded forest area & has been notified as a land bank. Presently the area supports scattered **deodar, Kail & other B/L trees.** The area identified for plantation has also been shown on the attached map. Plants @ 1100 plants per hectare will 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.962123/-** Certificate of DFO Chamba regarding suitability of area identified for compensatory plantation is attached. The area selected for compensatory plantation will be **approachable Chamba-Khajjiyar 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	4.74	84350	399819.00	2020-21
(B):- At the rate 25% planting cost			99954.75	
1st Year Maint.	4.74	13610	64511.40	2021-22
2nd Year Maint.	4.74	9140	43323.60	2022-23
3rd Year Maint.	4.74	4820	22846.80	2023-24
4th Year Maint.	4.74	4670	22135.80	2024-25
5th Year Maint.	4.74	4670	22135.80	2025-26
6th Year Maint.	4.74	4670	22135.80	2026-27
7th Year Maint.	4.74	4670	22135.80	2027-28
8th Year Maint.	4.74	4670	22135.80	2028-29
9th Year Maint.	4.74	4670	22135.80	2029-30
10th Year Maint.	4.74	4670	22135.80	2030-31
Total (A+B)			785406.2	
Departmental Charges@ 17.50%			137446.1	
Contingencies 5% of Total CA			39270.3	
Total			962122.5	



5. 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	4.74	84350	399819	2020-21
		planting cost 25%	99955	
		Departmental Charges@ 17.50%	137446	
		Contingencies 5% of Total CA	39270	
		<b>Total</b>	<b>676490</b>	
(B)				
1st Year Maint.	4.74	13610	64511	2021-22
2nd Year Maint.	4.74	9140	43324	2022-23
3rd Year Maint.	4.74	4820	22847	2023-24
4th Year Maint.	4.74	4670	22136	2024-25
5th Year Maint.	4.74	4670	22136	2025-26
6th Year Maint.	4.74	4670	22136	2026-27
7th Year Maint.	4.74	4670	22136	2027-28
8th Year Maint.	4.74	4670	22136	2028-29
9th Year Maint.	4.74	4670	22136	2029-30
10th Year Maint.	4.74	4670	22136	2030-31
		<b>Total (A+B)</b>	<b>285632</b>	
		<b>Total</b>	<b>962122.5</b>	

1. Technical Details:

Technical Details of Compensatory afforestation Scheme are as follows:-

(a) General Details: an area of **4.74 hec** will be taken up for planting under compensatory afforestation scheme in **Dotu Saloth 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, Kail & Ban and other broad leaved.**

(d) Plantation Method: Nursery grown **one & half year above** 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:- 20.05.2020.

Place:- Chamba

  
**Nishant Mandhotra (IFS)**

Deputy Conservator of Forests,  
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