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### “SCHEME FOR COMPENSATORY AFFORESTATION”

Detailed scheme for 4.54 hect Compensatory Afforestation and its maintenance for 10 year to be carried out in lieu of 2.27 ha, of forest area to be diverted for the Construction of Banoun Kanchi Se Ghara road km 0/00 to 4/00 in favour of HPPWD Tehsil Kotili Distt. Mandi, HP.

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

District: Mandi  
Tehsil: Joginder Nagar  
Name of Forest Division: Joginder Nagar.  
Block/ Compartment/ Survey No. 53D/16.  
Area to be afforested: **4.54 hac.**

Village: Banar  
Distt. Mandi  
Range : Joginder Nagar.

## 2. Description of the Area:-

2. Description of the Area:
- Whether the site selected for Compensatory Afforestation is a land bank or not Yes.
  - If the CA site is other than the land bank, reasons be given- No
  - In case of non forest area identified for CA, then what is the distance of Ca site from the adjoining forest boundary: Forest Area
  - Soil type- Sandy Loam
  - Topography:
    - Hilly/ Undulating/ Plain - Hilly
    - Slope Steep/ Medium/Gentle Medium
  - Whether the area is bearing any root stock of vegetation. Buses
3. Plantation Model Copy of the approved Compensatory Afforestation Scheme /Model showing component wise physical and financial break up to be enclosed.
4. Estimate for Compensatory afforestation to be carried out in lieu of area diverted under FCA, 1980 (For one hect. area)
- C. Compensatory Afforestation (1100) Plants/Ha) with RCC Fence Posts and 4 strand Barbed wire Fencing as per letter No. Ft. State CAMPA/ 2010/ Norms/ Vol.II dated 24-06-2017 of Pr.CCF.(HoFF) HP.

-Cost per ha. (Exclusive of cost of plants)= 60,150/-

-Cost of plants (1100 No. i.e. 1100X13= 14,300/-

**-Total Cost = Rs. 74,450/-**

**B Maintenance for ten years**

(As per PrCCF(HoFF) HP Shimla letter No. Ft. CAMPA/ 2010/Norms/ Vol.II dated 09-06-2016)

Maintenance (Wages)		
1.	1 <sup>st</sup> Year Maintenance	6350
2.	2 <sup>nd</sup> Year maintenance	4300
3.	3 <sup>rd</sup> Year maintenance	2250
4.	4 <sup>th</sup> Year maintenance	2250
5.	5 <sup>th</sup> Year maintenance	2250
6.	6 <sup>th</sup> Year maintenance	2250
7.	7 <sup>th</sup> Year maintenance	2250
8.	8 <sup>th</sup> Year maintenance	2250
9.	9 <sup>th</sup> Year maintenance	2250
10.	10 <sup>th</sup> Year maintenance	2250
	Total	28650
	Total A+B	1,03,100/-
	For 4.54 hact. for CA	4,68,074/-
Maintenance Cost of Plants		
	Add cost of plants 1 <sup>st</sup> year = 1500 Nos. (i.e 30% of total number planted in planting year), 2 <sup>nd</sup> year= 1000 Nos. (i.e 20% of total number planted in planting year), 3 <sup>rd</sup> year =500 (i.e 10% of total number planted in planting year) Total- 3000 Nos @ 13/- per plants	39,000/-
C	Soil Conservation Works	
	Vegetative, Dry Stone, Brushwood check dam	30,000/-
D	Lantana Eradicationworks I/C maintenance	22,000/-
	Total cost per hect. i.e A+B++C+D: 74450+28650+30000+22000=	1,55,100/-
	For 4.54 hect for CA Wages	7,04,154/-
	Total	7,43,154/-
	Add 5% contingency charges	37,158/-
	Total	7,80,312/-
	Add 17.50 % Departmental charges	1,36,555/-
	<b>Total</b>	<b>9,16,867/-</b>



### 3. Schedule of Plantation Programme:-

A (i) Details of year-wise break up of requirements of funds is as under:

Year	Area	Rate/ha.	Total amount
0 <sup>th</sup> Year	4.54 ha.	74450/-	3,38,003/-
1 <sup>st</sup> Year	-do-	6350/-	28,829/-
2 <sup>nd</sup> Year	-do-	4300/-	19,522/-
3 <sup>rd</sup> Year	-do-	2250/-	10,215/-
4 <sup>th</sup> Year	-do-	2250/-	10,215/-
5 <sup>th</sup> Year	-do-	2250/-	10,215/-
6 <sup>th</sup> Year	-do-	2250/-	10,215/-
7 <sup>th</sup> Year	-do-	2250/-	10,215/-
8 <sup>th</sup> Year	-do-	2250/-	10,215/-
9 <sup>th</sup> Year	-do-	2250/-	10,215/-
10 <sup>th</sup> Year	-do-	2250/-	10,215/-
Total A (i)			4,68,074/-
A(ii)- Cost of Plants 3000 Nos.		13/-	39,000/-
Total (A)			5,07,074/-
Soil conservation works	4.54 ha.	30000/-	1,36,200/-
Lantana eradication	2.32 ha.	22000/-	99,880/-
Total (B)			2,36,080/-
Total A+B			7,43,154/-
Contingency @ 5%			37,158/-
Total			7,80,312/-
Department charges @ 17.5%			1,36,555/-
<b>Total</b>			<b>9,16,867/-</b>

### 4. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- General details:- Plantation will be done through Pit method as per plantation norms.
- Spacement:- Pits of size 45 x 45 x 45 cm and 30x30x30 cm will be used for planting of 60% naked root stock and 40% P/Bag stock
- Species:- Based on locality factor and demand of people.
- Plantation Method:- Pit planting method.
- Soil and Moisture Conservation Works:- 25% of afforestation cost.
- Protection (Fencing Watchman, People's participation etc):- B/wire fence using concrete same posts.
- Proposed monitoring Mechanism:- By higher authority.
- Any other information:- nil

Divisional Forest Officer  
Joginder Nagar Forest Division  
Joginder Nagar (H.P.)

