Full title of the Project: Construction of Motorable road Kun Kamlah via Tourkhola (Km 0/0 to 7/105 (2.8054 hec) in favour of HPPWD Tehsil Dharampur Distt. Mandi, HP

"SCHEME FOR PENAL COMPENSATORY AFFORESTATION"

Detailed scheme for 3.4 hect Penal Compensatory Afforestation and its maintenance for 10 year to be carried out in lieu of 2.8054 ha, of forest area to be diverted for c/o Motorable road Kun Kamlah via Tourkhola (Km 0/0 to 7/105 (2.8054 hec) in favour of HPPWD Tehsil Dharampur Distt. Mandi, HP

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

Village: DPF Bakari District: Mandi

Distt. Mandi Tehsil: Sandhole.

Range: Kamlah. Name of Forest Division: Joginder Nagar.

Block/ Compartment/ Survey No. 53/9

Area to be afforested: 3.4 hac.

Description of the Area:-2.

- Whether the site selected for Compensatory Afforestation is a land bank or not _Yes. i)
- If the CA site is other than the land bank, reasons be given- No ii)
- In case of non forest area identified for CA, then what is the distance of Ca site from the iii) adjoining forest boundary: Forest Area
- Soil type- Sandy Loam iv)
- Topography: V)
- (a) Hilly/ Undulating/ Plain -Hilly vi)
 - Medium (b) Slope Steep/ Medium/Gentle
- Whether the area is bearing any root stock of vegetation. Buses vii)
- Plantation Model Copy of the approved Compensatory Afforestation Scheme 3. /Model showing component wise physical and financial break up to be enclosed.
- Estimate for Compensatory afforestation to be carried out in lieu of area diverted under FCA, 1980 (For one hact. area)

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 st Year Maintenance	6350			
2.	2 nd Year maintenance	4300			
3.	3 rd Year maintenance	2250			
4.	4 th Year maintenance	2250			
5	5 th Year maintenance	2250			
6	6 th Year maintenance	2250			
7	7 th Year maintenance	2250			
8	8 th Year maintenance	2250			
9	9 th Year maintenance	2250			
10	10 th Year maintenance	2250			
	Total	28650			
	Total A+B	1,03,100/-			
	For 3.4 hact. for CA	3,50,540/-			
	Maintenance Cost of Plants				
	Add cost of plants 1 st year = 1122 Nos. (i.e 30% of total number planted in planting year), 2 nd year= 748 Nos. (i.e 20% of total number planted in planting year), 3 rd year =374 (i.e 10% of total number planted in planting year) Total- 2244 Nos @ 13/- per plants	29,172/-`			
С	Soil Conservation Works				
	Vegetative, Dry Stone, Brushwood check dam	30,000/-			
D	Lantana Eradicationworks I/C maintencance	22,000/-			
	Total cost per hect. i.e A+B++C+D: 74450+28650+30000+22000=	1,55,100/-			
	For 3.4 hect for CA Wages	5,27,340			
	Total	5,56,512/-			
	Add 5% contingency charges	27,826/-			
	Total	5,84,338/-			
	Add 17.50 % Departmental charges	1,02,260/-			
	Total	6,86,598/-			

3. Schedule of Plantation Programme:-

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

	6,86,598-		
Department charges @ 17.5%			1,02,260/-
Total			5,84,338/-
Contingency @ 5%			27,826/-
Total A+B			5,56,512/-
Total (B)			1,76,800/-
Lantana eradication	3.4 ha.	22000/-	74,800/-
Soil conservation works	3.4 ha.	30000/-	1,02,000/-
Total (A)			3,79,712/-
A(ii)- Cost of Plants 2244 Nos.		13/-	29,172/-`
Total A (i)			3,50,540/-
10 th Year	-do-	2250/-	7,650/-
9 th Year	-do-	2250/-	7,650/-
8 th Year	-do-	2250/-	7,650/-
7 th Year	-do-	2250/-	7,650/-
6 th Year	-do-	2250/-	7,650/-
5 th Year	-do-	2250/-	7,650/-
4 th Year	-do-	2250/-	7,650/-
3 rd Year	-do-	2250/-	7,650/-
2 nd Year	-do-	4300/-	14,620/-
lst Year	-do-	6350/-	21,590/-
O th Year	3.4 ha.	74450/-	2,53,130/-
Year	Area	Rate/ha.	Total amount

4. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

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

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