

State Serial No. of the Proposal :-
 Full Title of the Project :- C/o road from Shamshar to Chalohan
 File No. :- FP/HP/ROAD/151416/2022.
 Date of Proposal :-

Check List Sr. No.18.

DETAILED SCHEME FOR COMPENSATORY AFFORESTATION

Detailed scheme for compensatory afforestation to be carried out in lieu of diversion of 1.668 Hectare of forest area to be diverted for the construction of road from Shamshar to Chalohan in favour of HPPWD.

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

Village: -
 Forest Range: -
 Forest Division: -
 Tehsil: -
 District: -
 Block No. /Compartment No. /Survey No.: -
 Area: -

**Nagnidhar
 Chowai Forest Range
 Ani Forest Division at Luhri
 Ani.
 Kullu.
 Toposheet No. H43F7 UPF Kutwa C-176
 3.336 Hectares**

2. Description of the Area:-

i)	Whether the site selected for Compensatory Afforestation is a land bank or not	Yes
ii)	If the C.A. Site is other than the land bank, reasons be given.	N.A.
iii)	In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary:-	N.A.
iv)	Soil Type.	Clayey loam
v)	a) Topography: Hilly/undulating/Plain.	Hilly
	b) Slope: Steep/Medium/Gentle.	Medium
vi)	Whether the area is bearing any root stock of vegetation.	Barren land with bushes.

3. Plantation Model:-

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 attached.

5. Technical Details:-

Technical details of Compensatory Afforestation Scheme are as follow:-

- a) General Details: - An area of 3.336 Hectare will be taken up for planting under Compensatory Afforestation Scheme in UPF Kutw C-176 in a single compact Patch. The area will be protected by barbed wire fencing and a mixture of Chill & B.L species will be planted. 1100 numbers plants will be planted per hectare.
- b) Spacing: - 3.00 m x 3.00 m.
- c) Species: - Deodar and conifer spp.
- d) Plantation Method: - Traditional
- e) Soil and Moisture Conservation Works: - Nil.
- f) Protection (Fencing, watchman, People's Participation etc.): - B/wire fencing with RCC fence posts.
- g) Proposed Monitoring Mechanism: - Inspection by Departmental Officers.
- h) Any Other Information: - Nil.

Dated:-...06/05/2021

Place:- Luhri

**Dr Chaman Lal, HPFS
 Divisional Forest Officer
 Ani Forest Division at Luhri
 District Kullu (H.P.).**

COST OF COMPENSATORY AFFORESTATION IN LIEU OF DIVERSION OF 1.668 HECTARE OF FOREST LAND FOR THE C/O road SHAMSHAR TO CHALOCHAN IN ANI FOREST DIVISION AT LUHRI DISTT. KULU H.P.

Norms of plantation and maintenance of old plantation for Non - Tribal for the year 2021-2022 applicable vide Pr.CCF (HoFF) H.P. Shimla memo. No. Ft. State CAMPA/20210/Norms/Vol.III dated 21.06.2021

Particulars of work	Area (in Hect.)	Plantation in Norm per Hect.	Plantation cost	Plants to be planted per hect.	Total no of plants to be planted	Nursery cost per plant	Total Nursery Cost	Total Plantation cost+Total nursery cost (Col. 4+8)	Year of Execution of Works	Add 10% Escalation for undertaking works in subsequent	Total Amount (Col. 9+11)
1	2	3	4	5	6	7	8	9	10	11	12

A. Initial cost for raising compensatory afforestation over an area of 3.336 Hectare :-

0 Year/new plantation	3.3360	83660	279090	1100	3670	23.24	85282	364371	2022-23	36437	400808
soil & Moisture Conservation Work @25 % of Planting Cost											100202
Total -A											501010

B. Maintenance Cost for raising Compensatory Afforestation :-

1st year maintenance	3.3360	9100	30358	330	1101	23.24	25584	55942	2023-24	11188	67130
2nd year maintenance	3.3360	6140	20483	220	734	23.24	17056	37539	2024-25	11262	48801
3rd year maintenance	3.3360	3180	10608	110	367	23.24	8528	19137	2025-26	7655	26791
4th year maintenance	3.3360	3180	10608	110	367	23.24	8528	19137	2026-27	9568	28705
5th year maintenance	3.3360	3180	10608	110	367	23.24	8528	19137	2027-28	11482	30619
6th year maintenance	3.3360	3180	10608	110	367	23.24	8528	19137	2028-29	13396	32532
7th year maintenance	3.3360	3180	10608	110	367	23.24	8528	19137	2029-30	15309	34446
8th year maintenance	3.3360	3180	10608	110	367	23.24	8528	19137	2030-31	17223	36360
9th year maintenance	3.3360	3180	10608	110	367	23.24	8528	19137	2031-32	19137	38273
10th year maintenance	3.3360	3180	10608	110	367	23.24	8528	19137	2032-33	21050	40187
Total -B											383844
Total -A+B											884855

increase 16.66% wage rate for the year 2022-23

Total											1032272
Add Contingencies Charges @5%											51614
Total											1083886
Add Departmental Charges of Supervision @17.5%											180648
Grand Total											1264533

(Twelve lakh sixty four thousand five hundred and thirty three Only)

W. A. S. B.
Dr. Chaitanya, H.P.S.
 Divisional Forest Officer,
 Ani Forest Division at Luhri