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State Serial No. of the Proposal : -
Full Title of the Project : - C/o road from Barjaidhar to Thua via Parkot
File No. : - FP/HP/ROAD/146012/2021.
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 5.27 Hectare of forest area to be diverted for the construction of road from Barjaidhar to Thua via Parkot in favour of HPPWD.

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

Village: - Kohila
Forest Range: - Chowai Forest Range
Forest Division: - Ani Forest Division at Luhri
Tehsil: - Ani.
District: - Kullu.
Block No. /Compartment No. /Survey No.: - Toposheet No. H43F7/53E/7 UPF Kutwa C-176
Area: - 10.54 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 10.54 Hectare will be taken up for planting under Compensatory Afforestation Scheme in UPF Kutwa C-176 in a single compact Patch. The area will be protected by barbed wire fencing and a mixture of Deodar & Rai species will be planted. 1100 numbers plants will be planted per hectare.
- b) Spacing: - 3.00 m x 3.00 m.
c) Species: - Deo & Kail
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:- 25/11/2021
Place:-Luhri


Divisional Forest Officer
Ani Forest Division at Luhri
District Kullu (H.P.).

**COST OF COMPENSATORY AFFORESTATION IN LIEU OF DIVERSION OF 5.27 HECTARE OF FOREST LAND FOR THE C/O
ROAD FROM BARAJIDHAR TO THUVA VIA PARKOT IN ANI FOREST DIVISION AT LUHRI DIST. KULU H.P.**

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

Particulars of work	Area (in Hect.)	Plantatio n 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 4.86 Hectare :-											
0 Year/new plantation	10.5400	83660	881776	1100	11594	23.24	269445	1151221	2022-23	115122	1266343
soil & Moisture Conservation Work @25 % of Planting Cost											
											316586
Total -A											1582929

B. Maintenance Cost for raising Compensatory Afforestation :-

1st year maintenance	10.5400	9100	95914	330	3478	23.24	80833	176747	2023-24	35349	212097
2nd year maintenance	10.5400	6140	64716	220	2319	23.24	53889	118605	2024-25	35581	154186
3rd year maintenance	10.5400	3180	33517	110	1159	23.24	26944	60462	2025-26	24185	84646
4th year maintenance	10.5400	3180	33517	110	1159	23.24	26944	60462	2026-27	30231	90692
5th year maintenance	10.5400	3180	33517	110	1159	23.24	26944	60462	2027-28	36277	96739
6th year maintenance	10.5400	3180	33517	110	1159	23.24	26944	60462	2028-29	42323	102785
7th year maintenance	10.5400	3180	33517	110	1159	23.24	26944	60462	2029-30	48369	108831
8th year maintenance	10.5400	3180	33517	110	1159	23.24	26944	60462	2030-31	54415	114877
9th year maintenance	10.5400	3180	33517	110	1159	23.24	26944	60462	2031-32	60462	120923
10th year maintenance	10.5400	3180	33517	110	1159	23.24	26944	60462	2032-33	66508	126969
Total-B											1212746
Total -A+B											2795675
Add Contingencies Charges @5%											139784
Total											2935458
Add Departmental Charges of Supervision @17.5%											489243
Grand Total											3424702

(THIRTY FOUR LAKH TWENTY FOUR THOUSAND SEVEN HUNDRED AND TWO Only)

Divisional Forest Officer
Ani Forest Division at Luhri

**COST OF COMPENSATORY AFFORESTATION IN LIEU OF DIVERSION OF 5.27 HECTARE OF FOREST LAND FOR THE
CONSTRUCTION OF ROAD FROM BARAIDHAR TO THUA VIA PARKOT**

Norms of plantation and maintenance of old plantation for Non - Tribal for the year 2024-25 applicable vide Pr.CCF (HoFF) H.P. Shimla
memo. No. Ft. State CAMPA/20210/Norms/Vol.III dated 05.07.2024

Particulars of work	Area (in Hect.)	Plantatio n Norm per Hect.	Plantation cost	Plants to be planted per hec.	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	Add10% Escalation for undertaking works in subsequent	Total Amount (Col. 9+11)
<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>
A. Initial cost for raising compensatory afforestation over an area of 1 Hectare :-											
0 Year/new plantation	1.0000	103900	103900	1100	1100	30.19	33209	137109	2025-26	13711	150820

B. Maintenance Cost for raising Compensatory Afforestation :-

1st year maintenance	1.0000	9100	9100	330	330	30.19	9963	19063	2026-27	3813	22875
2nd year maintenance	1.0000	6200	6200	220	220	30.19	6642	12842	2027-28	3853	16694
3rd year maintenance	1.0000	3200	3200	110	110	30.19	3321	6521	2028-29	2608	9129
4th year maintenance	1.0000	3200	3200	110	110	30.19	3321	6521	2029-30	2608	9129
5th year maintenance	1.0000	3200	3200	110	110	30.19	3321	6521	2030-31	2608	9129
6th year maintenance	1.0000	3200	3200	110	110	30.19	3321	6521	2031-32	2608	9129
7th year maintenance	1.0000	3200	3200	110	110	30.19	3321	6521	2032-33	2608	9129
8th year maintenance	1.0000	3200	3200	110	110	30.19	3321	6521	2033-34	2608	9129
9th year maintenance	1.0000	3200	3200	110	110	30.19	3321	6521	2034-35	2608	9129
10th year maintenance	1.0000	3200	3200	110	110	30.19	3321	6521	2035-36	2608	9129

Total-B											112604
Total -A+B											263424
Add Contingencies Charges @5%											13171
Total											276595
Add Departmental Charges of Supervision @17.5%											46099
Total											322694
G.Total											322694

(Rs. Three lakh twenty two thousand six hundred and ninety four Only)

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DR. CHAMAN LAL, HPFS
Divisional Forest Officer
Ani Forest Division at Luhri