

**DIVERSION OF 1.5648 HA. OF FOREST LAND FOR CONSTRUCTION OF LINK ROAD
FROM MASROOR TO GHARIAR IN DISTRICT KANGRA (H.P.)**

FILE NO. : **FP/HP/ROAD/11020/2015**

DATE OF PROPOSAL :

CHECK LIST SERIAL NUMBER: - 17
"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for Compensatory Afforestation to be carried out in lieu of 1.5648 ha of forest area to be diverted for the construction of Link Road from Masroor to Ghariar, Distt. Kangra (HP).

1. Detail of degraded forest land :

District Kangra, Village Ladol,

Tehsil - Dehra

Name of Division - Dehra Forest Division

Range - Nagrota Surian

Block/Compartment/Survey No. - Ladol

Area to be afforested - 3.13 Hac.

2. Description of Area

a.	Whether the site selected for Compensatory Afforestation is a land bank or not	Land Bank
b.	If the CA site is other than the land bank, reasons be given	Not Applicable
c.	In case of non- forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary	Not Applicable
d.	Soil type	Sandy Loam
e.	Topography : a.) Hilly/Undulating /Plain b.) Slope- Steep/Medium/Gentle	Hilly Medium
f.	Whether the area is bearing any root stock of vegetation	Yes

3. Plantation Model

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial breakup to be enclosed.

4. Schedule of Plantation Programme

Detail of year wise break -up of requirements of funds is as under:-

Year	Area	Rate Hac. (in Rs.)	Total Amount
0 Year	3.13 Hac.	83660	397646
1 st Year	3.13 Hac.	9100	70050
2 nd Year	3.13 Hac.	6140	50890
3 rd Year	3.13 Hac.	3180	27884
4 th Year	3.13 Hac.	3180	29876
5 th Year	3.13 Hac.	3180	31868
6 th Year	3.13 Hac.	3180	33860
7 th Year	3.13 Hac.	3180	35851
8 th Year	3.13 Hac.	3180	37843
9 th Year	3.13 Hac.	3180	39835
10 th Year	3.13 Hac.	3180	41827
Total (R.S)			797430
Soil & Moisture Conservation Works @ 25%			199358
Contingency Charges 5%			39872
Departmental Charges 17.5%			181415
Total (R.S)			1218075

5. Technical Details

Technical details of Compensatory Afforestation Scheme are as follows :-

a	General Details	Area of Compensatory Afforestation in Jungle Forest U2D Ladol C-10 Nagrota Surian Forest Range area 3.13 Hac.
b	Spacing	2.5 X 2.5
c	Species	Kachnar, Jamun, Ambla, Harar Etc.
d	Plantation Method	By pits 30 cm & 45 Cm.
e	Soil and Moisture Conservation Works	Check dam/Retaining walls/ Vegetative Check Dam
f	Protection (Fencing Watch man, peoples)	Fencing, watch man, peoples participation etc. fencing 5 strands barbed wire interlacing with thorny bushes.
g	Proposed Monitoring Mechanism	Proper inspection of the area by field staff & officers of the Department
h	Any other information	N.A

Place : Dehra

Dated :- 06-01-2018


Range Forest Officer
Nagrota Surian (H.P.)


Divisional Forest Officer
Dehra Forest Division, Dehra

COST OF COMPENSATORY AFFORESTATION IN LIEU OF DIVERSION OF 1.5648 HAC OF FOREST LAND IN FAVOUR OF FOR THE C/O OF LINK ROAD FROM MASROOR TO GHARIAR IN THE JURIDICITION OF DEHRA FOREST DIVISION DISTT KANGRA H.P

Norms of plantation and maintenance of old plantation for Non-Tribal and Tribal Areas for the year 2021-22 applicable vide Pr.CCF (HoFF) H.P. Shimla memo.No.Ft.State												
Total area diverted in hectare	1.5648 Hac.											
Name of proposed plantation area	3.1296 Hectare or say 3.13 Hac.											
Plants to be planted per Hectare	1100											
Total number of plants to be planted.	3443											
Year of Execution (Tentative)	2023-24											
Species to be planted	Khair, Amla, Kachnar, Arjun and other spp.											
Particulars of works	Area in Ha.	Plantation Norm per Ha.	Plantation cost	Plants to be planted per Ha.	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 year	Total Amount (Col. 9+11)
1	2	3	4	5	6	7	8	9	10	11	12	13
Initial cost for raising compensatory afforestation over an area of 1.5648 ha.	3.13	83660	261856	1100	3443	28.94	99640.42	361496.22	2023-24	10%	36150	397646
Total - A												397646
1st year maintenance	3.13	9100	28483	330	1033	28.94	29892	58375	2022-23	20%	11675	70050
2 nd year maintenance	3.13	6140	19218.2	220	689	28.94	19928	39146	2023-24	30%	11744	50890
3rd year maintenance	3.13	3180	9953.4	110	344	28.94	9964	19917	2024-25	40%	7967	27884
4th year maintenance	3.13	3180	9953.4	110	344	28.94	9964	19917	2025-26	50%	9959	29876
5th year maintenance	3.13	3180	9953.4	110	344	28.94	9964	19917	2026-27	60%	11950	31868
6th year maintenance	3.13	3180	9953.4	110	344	28.94	9964	19917	2027-28	70%	13942	33860
7th year maintenance	3.13	3180	9953.4	110	344	28.94	9964	19917	2028-29	80%	15934	35851
8th year maintenance	3.13	3180	9953.4	110	344	28.94	9964	19917	2029-30	90%	17926	37843
8th year maintenance	3.13	3180	9953.4	110	344	28.94	9964	19917	2030-31	100%	19917	39835
10th year maintenance	3.13	3180	9953.4	110	344	28.94	9964	19917	2031-32	110%	21909	41827
Total-B												399785
Total (C) = A+B												797430
(D) Soil & Moisture Conservation Works @ 25% of Planting Cost												199358
(E) Add Contingencies Charges @ 5 % of C												39872
Sub Total (F)= C+D+E												1036659
(G) Add Departmental Charges of Supervision @17.5 %												181415
Grand Total = F+G												1218075

Twelve Lakh Eighteen Thousand Seventy Five only


Range Forest Officer
Nagrota Surian (H.P.)


Divisional Forest Officer
Dehra Forest Division, Dehra