

FULL TITLE OF THE PROJECT: Up gradation of road in front of ACL Factory situated at Bir-Plassi Nalagarh Kms 0/00 to 2/300 Tehsil Nalagarh District Solan, HP.

File No. FP/HP/ FP/HP/Road/114837/2020

Date of Proposal: 17/12/2020

CHECK LIST SERIAL NUMBER: 18

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme for Compensatory Afforestation to be carried out in lieu of 1.61 ha. of forest area to be diverted for diversion of forest land for Up gradation of road in front of ACL Factory situated at Bir-Plassi TEHSIL NALAGARH DISTRICT SOLAN, HP.

1. **Details of degraded forest land/non forest land:**

District Solan Village Bir-Plassi Tehsil Nalagarh
Name of Forest Division: Nalagarh Forest Division
Block/Compartment/Survey No: Saini Majra/ DPF Bir Plassi /C-3/53A/12
Area to be afforested: 3.22 hectare

2. **Description of the area:**

- i) Whether the site selected for Compensatory Afforestation is a land Bank or not: - No.
- ii) If the CA site is other than the land bank, reasons be given: - Land bank for the division is not finalize.
- iii) In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary?
- iv) Soil Type: **Sandy**
- v) Topography:
 - (a) Hilly/Undulating/Plain
 - (b) Slope: Steep/Medium/Gentle
- vi) Whether the area is bearing any root stock of vegetation:

3. **Plantation Model:-**

Copy of the approval Compensatory Afforestation Scheme/Model showing component-wise physical and financial break-up to be enclosed: **Enclosed**

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Schedule of Plantation Programme

SCHEME FOR COMPENSATORY AFFORESTATION

Particular of Works	Area under CA scheme (In hact)	Norm fixed per ha. for 2021-22 at the wage rate of Rs.300/- per day	Year of execution of works	Escalation of Cost @ 10% rate for each financial year	Total CA
(A) Cost for plantaiton (Rs.83660/- Ha)	3.22	83660	2022-23	92026	296324
Nursery cost for 3542 plants @18.16 per plant (1100 plants/ha)	3.22	19976	2022-23	21974	70755
		Total: A			367079
(B) 1st year maintenance	3.22	9100	2023-24	10920	35162
2nd year maintenance	3.22	6140	2024-25	7982	25702
3rd Year maintemane	3.22	3180	2025-26	4452	14335
4th Year maintemane	3.22	3180	2026-27	4770	15359
5th year maintenance	3.22	3180	2027-28	5088	16383
6th Year maintemane	3.22	3180	2028-29	5406	17407
7th year maintenance	3.22	3180	2029-30	5724	18431
8th Year maintemane	3.22	3180	2030-31	6042	19455
9th year maintenance	3.22	3180	2031-32	6360	20479
10th Year maintemane	3.22	3180	2032-33	6678	21503
Nursery cost for 1063 plants @18.16 per plant (330 plants/ha 30% beating up) during 1st year maint.	3.22	5993	2023-24	7191	23156
Nursery cost for 708 plants @18.16 per plant (220 plants/ha 20% beating up) during 2nd year maint.	3.22	3995	2024-25	5194	16724
Nursery cost for 531 plants @18.16 per plant (165 plants/ha 15% beating up) during 3rd year maint.	3.22	2996	2025-26	4195	13508
Nursery cost for 354 plants @18.16 per plant (110 plants/ha 10% beating up) during 4th year maint.	3.22	1998	2026-27	2996	9648
Nursery cost for 354 plants @18.16 per plant (110 plants/ha 10% beating up) during 5th year maint.	3.22	1998	2027-28	3196	10292
		Total Maintenance: B			277547
C- Soil Conservation work					
i) Soil & Moisture conservation works	1 Nos.			L/s	100000
		Total-C			100000
D- Protection					
i) Watchman	1 Nos.	300	365x5 yrs		547500
		Total-D			547500
		Total A+B+C+D			1292125
Departmental Charges				17.5%	226122
Contingencies				5%	64606
		G.Total			1582854

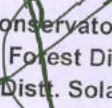
**RANGE FOREST OFFICER
NALAGARH RANGE**

Dy. Conservator of Forests,
Nalagarh, Forest Division
Nalagarh Distt. Solan, HP.

5. Technical details:-

a	General Details	
b	Spacing	3 Mtrs x 3 Mtrs
c	Species	Khair, Shisham, & Other BL Misc
d	Plantation Method	By Pit digging and planting
e	Soil and Moisture Conservation Works	Farm Pond
f	Protection (Fencing, Watch-Man. People's Participation etc.)	B/wire, fencing with RCC pole and watchman 1 number for 10 years
g	Proposed Monitoring Mechanism	Frequent inspection of area Forest Officers
h	Any other information	nil


Range Forest Officer,
Nalagarh, Forest Range
Nalagarh Distt. Solan, (HP)


Deputy Conservator of Forests,
Nalagarh, Forest Division
Nalagarh Distt. Solan, HP.