

Full title of Project: Diversion of 0.3185 hact. Forest Land in favour of Department of HP PWD for the construction of Bridge on 40 Meter Span on Dayol to Lasani road (Km 0/00 to 8/670) under (PMGSY) over Pryal Khad (Sub/Head- C/o bridge approaches from Dayl side km 0/00 to 0/385). with in the jurisdiction of Joginder Nagar Forest Division, Distt. Mandi, HP.

File No. FP/HP/ROAD/44731/2020
CHECK LIST NO. 17.

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme for Compensatory Afforestation 100 trees to be carried out in lieu of 0.7831 ha. (less than 1.00 hect.) of forest area to be diverted for the construction of Bridge on 40 Meter Span on Dayol to Lasani road (Km 0/00 to 8/670) under (PMGSY) over Pryal Khad (Sub/Head- C/o bridge approaches from Dayl side km 0/00 to 0/385). Distt. Mandi, HP.

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

District: Mandi

Village: DPF Siyuri C-II.

Tehsil: Joginder Nagar.

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

Block/ Compartment/ Survey No. 53 A-13 NW.

Geo- Coordinates -- N- 31- 58- 861 E- 076- 48- 459

Plants to be planted: : **100 No.**

2. Description of the Area

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

3. Plantation Model Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up to be enclosed.

4. Schedule of plantation Programme:-

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

Particulars of works	Area in ha. for raising of 500 tall plants per ha. with 4 stand RCC Fence Posts	Norms per ha. wage rate of Rs. 200/- per day	Add 25% increase due to increase in wage rate from 200/- to Rs. 250/- on the norms depicted in Col.3	Year of execution of works	Add 10% escalation in subsequent years	Tentative rates	Total amount	Amount (100 Plants)
a) Initial cost for plantation	(For 5 ha.)- 2500 tall plant	168000 (2016-17)	209998	2020-21	21000	230998	1154990	
b) SC works				L/S			288750	
Total a+b							1443740	57750
Detail of Maintenance of plantation for Ten Years								
1 st Year	5 ha.	9500	11875	2021-22	2494	14369	71845	2877
2 nd Year	5 ha.	4800	6000	2022-23	1986	7986	39930	1597
3 rd Year	5 ha.	4800	6000	2023-24	2785	8785	43925	1757
4 th Year	5 ha.	2900	3625	2024-25	2213	5838	29190	1168
5 th Year	5 ha.	2900	3625	2025-26	2797	6422	32110	1284
6 th Year	5 ha.	2000	2500	2026-27	2372	4872	24360	974
7 th Year	5 ha.	2000	2500	2027-18	2859	5359	26795	1072
8 th Year	5 ha.	2000	2500	2028-29	3395	5895	29475	1179
9 th year	5 ha.	2000	2500	2029-30	3984	6484	32420	1297
10 th Year	5 ha.	2000	2500	2030-31	4633	7133	35665	1427
Total maintenance								14632
Total a+b+c								72,382/-
Add contingencies charges @ 5%								3,619/-
Sub Total								76,001/-
Add. Departmental charges of supervision @ 17.5%								13,300/-
G.Total								89,301/-

5. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- General details:- Plantation will be done through Pit method as per plantation norms.
- Spacing:- Pits of size 60 x 60 x 60 cm will used for planting of P/Bag stock.
- Species:- Based on locality factor and demand of people.
- Plantation Method:- Pit planting method.
- Protection (Fencing Watchman, People's participation etc):- B/wire fencing using concrete same posts.
- Proposed monitoring Mechanism:- By higher authority, Monitoring and Evaluation and divisional level.


Divisional Forests Officer,
Forest Division, J/Nagar.