

Full Title of the Project: - Diversion of 1.5447 hac. forest land for construction of PHC Kainchi Nehra to Nagadhar via Grouth road.

File No.:- FP/HP/ROAD/144151/2021

Date of Proposal: - 29/6/2021

CHECK LIST SERIAL NUMBER-18
SCHEME FOR COMPENSATORY AFFORESTATION.

Detail scheme for compensatory afforestation to be carried out in lieu of diversion of 1.5447 ha. of forest area for construction of PHC Kainchi Nehra to Nagadhar via Grouth Road within the jurisdiction of Rampur Forest Division.

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

District:- Shimla Village:- Nehra
Tehsil Bahli
Name of Forest Division Rampur Bushahr Range:-Bahli Range
Block/Compartment/Survey No. 53 E/11 DPF-Nehra D-48
Area to be afforested:- 3.0894 ha.

2. Description of 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:- NA
- iii. In case of non forest area identified form A, then what is the distance of CA site from the adjoining forest boundary:- NA
- iv. Soil type:- Clayey loam.
- v. Topography:- a. Hilly/undulating/plain.
b. Slope: Steep/Medium/Gentle.
- vi. Whether the area is bearing any root stock of vegetation: - No.

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 as under:-

Year	Area	Rate/ha including 10% enhancement	Total amount
0 year	3.0894 ha	128612	397334
1 st year maintenance	3.0894 ha	20610	115631
2 nd year maintenance	3.0894 ha	13777	84059
3 rd year maintenance	3.0894 ha	7053	21790
4 th year maintenance	3.0894 ha	7053	21790
5 th year maintenance	3.0894 ha	7053	21790
6 th year maintenance	3.0894 ha	7053	21790
7 th year maintenance	3.0894 ha	7053	21790
8 th year maintenance	3.0894 ha	7053	21790
9 th year maintenance	3.0894 ha	7053	21790
10 th year maintenance	3.0894 ha	7053	21790

	Total =	677887
	Contingency Charges @ 5%	33894
	Total cost of CA scheme	711782
	Departmental charges @ 17.5%	124562
	G. Total =	836343


5. Technical details:-

Technical details of compensatory afforestation scheme are as follows:-

- (a) **General Details:-** An area of 3.0894 ha. will be taken up for planting under compensatory afforestation scheme in DPF-Nehra D-48 in identified land bank area. The area will be protected by Barbed wire fencing and conifer and broad leaves will be planted. 1100 plants will be planted per hectare.
- (b) **Spacement:-** 2.5 mtrs x 2.5 mtr
- (c) **Species:-** Coniferous and other broad leave species.
- (d) **Plantation Method:-** Nursery grown two and half years old conifer plants and one year old broad leaves plants (in Polythene bags as well as naked root) will be planted in 30x30x30 cm and 45x45x45 cm pits in the selected area. Bush cutting will be done in the infested area. The plantation will be maintained for subsequent 10 years in which beating up of failures will be done. The plantation will be rainfed.
- (e) **Soil Moisture Conservation Works:-** Contour trenching will be done over the entire area to conserve the available moisture during rainy season so that moisture regime in the area is improved. Minor soil conservation works like trench works, check walls and check dams be done where ever required.
- (f) **Protection (fencing, Watchman, People's participation etc.):-** Area will be protected from grazing by erecting barbed wire fencing at all vulnerable places around the plantation. Further watch and ward as also fire protection will be ensured through regular departmental staff.
- (g) **Proposed Monitoring Mechanism:-** The plantation will be monitored as per existing monitoring mechanism in the forest department. The plantation will also be monitored by GOI representatives as per instructions. The plantation site will be approachable from Rampur Sungri Rohru road.
- (h) **Any other information:-** Nil.

Date:-

Place:-


(Vikalp Yadav), IFS
 Dy. Conservator of Forests,
 Rampur Forest Division,
 Rampur Bushahr.
 Office Seal **Dy Conservator of Forests**
Rampur Forest Division
Rampur Bushahr (H.P.)

Division of 1.5447 hac. of forest land for construction of PHC Kainchi Nehra to Nagadhar via Grouth road
 FP/HP/Road/144151/2021
 29-06-2021

Full Title of the Project: -
 File No.:-

Date of Proposal: -

BILL FOR COMPENSATORY AFFORESTATION SCHEME IN RESPECT OF DIVERSION OF LAND FOR CONSTRUCTION OF PHC KENCHI NEHRA TO NAGADHAR VIA GROUTH ROAD WITHIN THE JURISDICTION OF RAMPUR FOREST DIVISION

Area proposed for Compensatory Afforestation in hac. 3.0894 hac.
 Name of the proposed plantation area UF- Shingla
 Number of Plants to be planted per hectare 1100
 Total number of plants to be planted in proposed area 3398

Particulars of works	Year of execution of works	Unit cost at wage structure for 2022-23	Cost escalation	Unit cost after applying cost escalation	Conifer & Broad leave species			Cost of plants @ Rs. 27.12/-	Total Amount
					CA area	Total	No. of plants per ha.		
Initial cost for raising compensatory Afforestation over an area of 3.0894 hectare	2024-25	89800	10%	98780	3.0894	305171	1100	3398	397334
1 st year maintenance	2025-26	10600	20%	11660	3.0894	36022	330	1020	63671
2 nd year maintenance	2026-27	7100	30%	7810	3.0894	24128	220	680	42561
3 rd year maintenance	2027-28	3700	40%	4070	3.0894	12574	110	340	21790
4 th year maintenance	2028-29	3700	50%	4070	3.0894	12574	110	340	21790
5 th year maintenance	2029-30	3700	60%	4070	3.0894	12574	110	340	21790
6 th year maintenance	2030-31	3700	70%	4070	3.0894	12574	110	340	21790
7 th year maintenance	2031-32	3700	80%	4070	3.0894	12574	110	340	21790
8 th year maintenance	2032-33	3700	90%	4070	3.0894	12574	110	340	21790
9 th year maintenance	2033-34	3700	100%	4070	3.0894	12574	110	340	21790
10 th year maintenance	2034-35	3700	110%	4070	3.0894	12574	110	340	21790
Total =									677887
Contingencies Charges @ 5%									33894
Total cost of CA Scheme									711782
Departmental Charges @ 17.5%									124562
G. Total =									836343



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 Rampur Forest Division

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