

49

Full Title of the Project: - Diversion of 2.4620 hac. forest land for construction of link road from Ghat Paucha Raddu Pai road.

File No.:- FP/HP/ROAD/150882/2022

Date of Proposal:- 07/01/2022

CHECK LIST SERIAL NUMBER-18
SCHEME FOR COMPENSATORY AFFORESTATION.

Detail scheme for compensatory afforestation to be carried out in lieu of diversion of 2.4620 ha. of forest area for construction of Ghat Paucha Raddu Pai Road within the jurisdiction of Rampur Forest Division.

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

District:- Shimla Village:- Paucha
Tehsil Bahli
Name of Forest Division Rampur Bushahr Range:-Nankhari Range
Block/Compartment/Survey No. 53 E/11 UF-Paucha
Khasra No. 179 Mohal Beaunthal Area to be afforested:- 4.9240 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	4.9240 ha	140210	690392
1 st year maintenance	4.9240 ha	23483	115631
2 nd year maintenance	4.9240 ha	17071	84059
3 rd year maintenance	4.9240 ha	9372	46148
4 th year maintenance	4.9240 ha	10041	49444
5 th year maintenance	4.9240 ha	10711	52740
6 th year maintenance	4.9240 ha	11380	56036
7 th year maintenance	4.9240 ha	12050	59333
8 th year maintenance	4.9240 ha	12719	62629

9 th year maintenance	4.9240 ha	13389	65925
10 th year maintenance	4.9240 ha	14058	69221
		Total =	1351558
		Contingency Charges @ 5%	67578
		Total cost of CA scheme	1419135
		Departmental charges @ 17.5%	248349
		G. Total =	1667484


5. **Technical details:-**

Technical details of compensatory afforestation scheme are as follows:-

- (a) General Details:- An area of 4.9240 ha. will be taken up for planting under compensatory afforestation scheme in UF-Paucha 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 leaf 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 Rohru road.
- (h) Any other information:- Nil.

Date:- 30-06-2022

Place:- Rampur Bsn


(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.)**

Full Title of the Project: - Diversion of 2.4620 hac. forest land for construction of link road from Ghat Poucha Raddu Pai road.
 File No.:- FP/HP/ROAD/150882/2022
 Date of Proposal: - 07-01-2022

SCHEME FOR COMPENSATORY AFFORESTATION SCHEME OVER 2.4620 HACT. AREA OF FOREST LAND IN LIEU OF DIVERSION OF 4.9240 HACT. FOREST LAND FOR CONSTRUCTION OF GHAT PAUCHA RADDU PAI ROAD WITHIN THE JURISDICTION OF RAMPUR FOREST DIVISION.										
Area proposed for Compensatory Afforestation in hac.		4.9240 hac.								
Name of the proposed plantation area		UF-Paucha								
Number of Plants to be planted per hectare		1100								
Total number of plants to be planted in proposed area		5416								
Species to be planted in proposed area										
Particulars of works										
	Unit cost at wage structure for 2021-22	Increase 16.7% on unit cost of 2021-22 rates	Total	No of plants	Cost of plants @ Rs. 27.12/- by increasing 16.7%	Unit cost at wage structure for 2021-22 including cost of plant	Year of execution of works	Cost escalation	Unit cost after applying cost escalation	Total amount
Initial cost for raising compensatory Afforestation over an area of 4.9240 hectare	83660	13971	97631	1100	29832	127463	2023-24	10%	140210	690392
1 st year maintenance	9100	1520	10620	330	8950	19569	2024-25	20%	23483	115631
2 nd year maintenance	6140	1025	7165	220	5966	13132	2025-26	30%	17071	84059
3 rd year maintenance	3180	531	3711	110	2983	6694	2026-27	40%	9372	46148
4 th year maintenance	3180	531	3711	110	2983	6694	2027-28	50%	10041	49444
5 th year maintenance	3180	531	3711	110	2983	6694	2028-29	60%	10711	52740
6 th year maintenance	3180	531	3711	110	2983	6694	2029-30	70%	11380	56036
7 th year maintenance	3180	531	3711	110	2983	6694	2030-31	80%	12050	59333
8 th year maintenance	3180	531	3711	110	2983	6694	2031-32	90%	12719	62629
9 th year maintenance	3180	531	3711	110	2983	6694	2032-33	100%	13389	65925
10 th year maintenance	3180	531.1	3711	110	2983	6694	2033-34	110%	14058	69221
Total =										
Contingencies Charges @ 5% 67578										
Total cost of CA Scheme 1419135										
Departmental Charges @ 17.5% 248349										
G. Total = 1667484										


 Dy. Conservator of Forests,
 Rampur Forest Division
 Rampur Buzshahr (M.P.)
 (Vikalp Yadav), IFS