

**CONSTRUCTION OF MOTORABLE ROAD CHANNI BRIDGE TO JALSU JOT
"SCHEME FOR COMPENSATORY AFFORESTATION"**

Detail Scheme for Compensatory Afforestation to be carried out in lieu of 9.3355 Hect. of forest area to be diverted for the construction of Motorable Road Channi Bridge Elaka Mata to Jalsu Jot in Bharmour Tehsil, District Chamba.

1 Details of. degraded forest land:

District:- Chamba

Village:- Pranghalla, Khund, Gowar & Tiyari

Tehsil:- Sub-Tehsil Holi, Tehsil Bharmour

Name of Forest Division:- Bharmour

Range:- Bharmour, Swai & Trehta

Block /Compartment/Survey Sheet No: 52D/7/NW

Afforestation will be carried out in Pranghalla RF C-I-5 Hac., Khund RF-2 hac., Gowar DPF-7 Hac., Lower Tiyari DPF-3 Hac. & Lower Tiyari DPF-2 Hac. (Total-19 Hac.)

2. Description of Area: - Forest Land

- 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: - N.A.
- iv. Soil type: Clayey Loam
- v. Topography:-
- vi. a. Hilly/Undulating/Plain: Hilli
- b. Slope: - Steep/Medium/Gentle: Medium
- vii. 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 break up to be enclosed.

The detail is given as under:

4. Schedule of Plantation Programme:

COST OF COMPENSATORY AFFORESTATION IN LIEU OF DIVERSION OF 9.3355 HAC. OF FOREST LAND FOR THE C/O CHANNI BRIDGE ELAKA MATA TO JALSU JOT MOTORABLE ROAD (0/0 TO 17/00) IN BHARMOUR FOREST DIVISION

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 CAMPA/2010/Norms/Vol.II dated 21.06.2021.

Total area diverted in hectare		9.3355 Hectare										
Area proposed for compensatory afforestation.		18.67 Hac. or say 19 Hectare.										
Name of proposed plantation area		Pranghalla RF C-1 -5.00 Hac., Khund RF-2 Hac., Gowar DPF-7 Hac., Lower Tiaryi DPF-3 Hac. & Lower Tiaryi-2 Hac. (Total CA area 19.00 hac.)										
Plants to be planted per Hectare		1100										
Total number of plants to be planted.		20900										
Year of Execution (Tentative)		2022-23										
Species to be planted		Deodar, Kail and OBL Species.										
Particulars of works	Area in Ha.	Plantation Norm per Ha. for the year 2020-21	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	Cost Escalation taking 10% for each subsequent year	Add 10% Escalation for undertaking works in subsequent year	Total Amount (Col. 9+12)
1	2	3	4	5	6	7	8	9	10	11	12	13
Initial cost for raising compensatory afforestation over an area of 19.00 ha.	19.00	98785	1876915	1100	20900	28.46	594814	2471729	2021-22	10%	247173	2718902
Soil & Moisture Conseravtion Works @ 25% of Planting Cost												679725
Total - A												3398627
1st year maintenance	19.00	11380	216220	330	6270	28.46	178444	394664	2022-23	20%	78933	473597
2 nd year maintenance	19.00	7675	145825	220	4180	28.46	118963	264788	2023-24	30%	79436	344224
3rd year maintenance	19.00	3975	75525	110	2090	28.46	59481	135006	2024-25	40%	54003	189009
4th year maintenance	19.00	3975	75525	110	2090	28.46	59481	135006	2025-26	50%	67503	202510
5th year maintenance	19.00	3975	75525	110	2090	28.46	59481	135006	2026-27	60%	81004	216010
6th year maintenance	19.00	3975	75525	110	2090	28.46	59481	135006	2027-28	70%	94504	229511
7th year maintenance	19.00	3975	75525	110	2090	28.46	59481	135006	2028-29	80%	108005	243012
8th year maintenance	19.00	3975	75525	110	2090	28.46	59481	135006	2029-30	90%	121506	256512
8th year maintenance	19.00	3975	75525	110	2090	28.46	59481	135006	2030-31	100%	135006	270013
10th year maintenance	19.00	3975	75525	110	2090	28.46	59481	135006	2031-32	110%	148507	283513
Total-B												2707911
Total - A+B												6106538
Add Contigencies Charges @ 5 %												305327
Sub Total												6411865
Add Departmental Charges of Supervision @17.5 %												1122076
Grand Total												7533941

(Seventy five Lakhs thirty three Thousands nine hundred and forty one only)

Divisional Forest Officer
Bharmour Forest Division
Bharmour (H.P.)

5. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

a) General Details.	The land bank identified in <u>Pranghalla RF C-I-5 Hac., Khund RF-2 hac., Gowar DPF-7 Hac., Lower Tiary DPF-3 Hac. & Lower Tiary DPF-2 Hac. (Total-19 Hac.)</u> is blank patches where coniferous & B/leave species will be planted at the pit size 30cmx30cmx30cm and broad leave at pit size 45cmx45cmx45cm with inward slop. The area will be protected by barbed wire fencing with R.C.C. fence posts.
b) Spacing.	3.00m x 3.00m from plant to plant.
c) Species.	Conifer:- Deo. & Kail, Near 3.00m from Row to Row. Broad Leave:- Ban, HCN, Robinia, Walnut & Chulli.
d) Plantation Method.	Contour Planting.
e) Soil and Moisture Conservation Works.	Contour Trenches within the plantation area, check walls / protection walls, check dams as per site requirement.
f) Protection (Fencing, Watchman, People's Participation etc.).	Fencing.
g) Proposed Monitoring Mechanism.	Department.
h) Any other information.	NIL.



R.O. Bharmour.



R.O. Swai



R.O. Trehta



**Divisional Forest Officer,
Bharmour Forest Division,
Bharmour (H.P.)**