

Full Title of Project: - Construction of Small Hydro Project at Bithri

File No :- FP/HP/HYD/14396/2015

“SITE SPECIFIC COMPENSATORY PLANTING (FOR 100 TREES) SCHEME IN CASE OF DIVERSION OF LAND UPTO 1 HAC UNDER FCA 1980”

Detailed scheme for Compensatory Plantation Scheme in case of diversion land up 1.00 hac to be carried –out in lieu of 0.7649 hac forest area to be diverted for construction of Small Hydro Project Bithri, in Tehsil Karsog District Mandi H.P. in jurisdiction of Karsog Forest Division in District Mandi H.P. is given as under:-

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

District Mandi Village Parlog

Tehsil Karsog District Mandi

Name of Forest Division- Karsog Range Karsog

Block/ Compartment/Survey No. 53E/7

Area to be afforested: **Area to be developed for 5 hac block plantation with 500 tall plants per hac.**

2. Description of Area

I) whether the site selected for Compensatory Plantation is a land bank or not: Yes, the selected area is a land bank.

II) If Compensatory plantation site is other than the land bank, reasons be given: NA

III) In case of non forest area identified for Compensatory plantation, then what is the distance of CA site from the adjoining forest boundary: NA

IV) Soil type: Sandy loam.

V) Topography:

(a) Hilly/undulation/ Plain

(b) Slope: Steep / Medium/ Gentle: Steep

VI) Whether the area is bearing any root stock of vegetation: No tree species exist in the area expect for some bushes stuff.

3. Plantation Model:-

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

4. Schedule of Plantation Programme:-

DETAIL OF YEAR WISE BREAK UPOF REQUIREMENTS OF FUNDS IS AS PER GENERAL ABSTRACT GIVEN BELOW:-

CA BILL

S.No.	Particulars	Year	Area to be planted in(hac)	Rate per hac.	No of Plants to be planted	Amount
1.	Compensatory Planting of 190 plants involving forest land diversion 0.7649 hac in favour of Manimahesh Enterprises, Mandi	2017-18	0.38	168000	190	63840
2.	1st year maintenance	2018-19	0.38	9500	19	3610
3.	2nd year maintenance	2019-20	0.38	4800	10	1824
4.	3rd year maintenance	2020-21	0.38	4800	10	1824
5.	4th year maintenance	2021-22	0.38	2900	5	1102
6.	5th year maintenance	2022-23	0.38	2900	5	1102
7.	6th year maintenance	2023-24	0.38	2000	3	760
8.	7th year maintenance	2024-25	0.38	2000	3	760
Total initial planting and 7 th years maintenance						74822
Add 17.5% departmental charges						3741
Contingence 5 %						13094
Grand. Total:						91657

5. Technical Details:-

- i) General Detail:- An area of 0.058 hac. will be taken up for planting under compensatory scheme in D-136 Parlog, which is a land bank. The area will be protected by Barbad wire fencing and mixture of Conifer and B/L species will be planted. 500 Tall plants will be planted in all in 1.00 hac@500 plants per hac. (Mixture of plant shrubs and grasses)
- ii) **Spa cement:-** 3mtr x 3mtr.
- iii) **Species:-** Daroo, Shisham, Ritha Jamun, Robinia , etc,
- iv) **Plantation Method:-** Nursery grown 2.5year old plants (in polythene bags) will be planted in 90x90x90 pits in the selected area. Bush cutting will be done in the infested area. The plantation will be maintained for subsequent seven years in which beater up of failures will be done. The Plantation will be rain fed. The plantation will be de- weeding and hoeing twice a year. The plantation will be watering during month of stress.
- v) **Soil and moisture conservation works:-** Counter 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 gully plugging check walls will be done wherever required.
- vi) **Protection (fencing, watch men, 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 ware as also fire protection will be ensured through regular departmental staff.
- vii) **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 NH 21 from Karsog.
- viii) **Any other information :-** Nil

Date:

Place: Karsog

(Raj Kumar Sharma, HPFS)
 Divisional Forest Officer,
 Karsog Forest Division (H.P.)

CA Bill

GENERAL ABSTRACT OF COMPENSATORY PLANTATION SCHEME FOR
DIVERSION UPTO 1 HAC (500 PLANTS PER HAC) FOR OF CONSTRUCTION OF
SMALL HYDRO PROJECT AT BITHRI UNDER KARSOG FOREST DIVISION
KARSOG, DISTRICT MANDI, HIMACHAL PRADESH.

S.No.	Particulars	Year	No of plants to be planted	Area to be planted in (hac)	Rate per hac.	Amount
1	New plantating over in area 0.38 hac of D-136 Parlog	2017-18	190	0.38	168000	63840
	1st year maintenance	2018-19	19	0.38	9500	3610
	2nd year maintenance	2019-20	10	0.38	4800	1824
	3rd year maintenance	2020-21	10	0.38	4800	1824
	4th year maintenance	2021-22	5	0.38	2900	1102
	5th year maintenance	2022-23	5	0.38	2900	1102
	6th year maintenance	2023-24	3	0.38	2000	760
	7th year maintenance	2024-25	3	0.38	2000	760
	Total intial planting & 7 year mnaintenance :-					74822
	Contigebycenge charges @ 5%					3741
	Added departmental charges @ 17.5%					13094
	G. Total:					91657

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