

COMPENSATORY AFFORESTATION SCHEME

NAME OF PROJECT: Proposal for Diversion of diversion of 8.00 Ha of Forest Land for rehabilitation for the cloud burst affected families of Tsong village in Yuksom, West Sikkim by Land Revenue & Disaster Management Department, Govt. of Sikkim

INTRODUCTION: Land Revenue & Disaster Management Department, Govt. of Sikkim is rehabilitating the affected families due to cloud burst in Tsong village at Yuksom, West Sikkim.

The Compensatory Afforestation Scheme (Block Plantation-AR), Soil & Moisture Conservation Work, dry stone wall and angel iron fencing are proposed in order to compensate for the loss of forest land and to maintain an ecological balance in the area.

SELECTION OF SITE/LOCATION FOR COMPENSATORY AFFORESTATION

SL.No	Location	GPS-coordinates	Range	Division	Area
1.	Deytham Khasmal	P1-N-27°22'11.39" E-88°14'1.56" P2-N-27°22'19.44" E-88°14'5.28" P3-N-27°22'20.94" E-88°14'20.82" P4-N-27°22'16.55" E-88°14'17.26"	Yuksom	West (T)	16.00Ha.

1. METHODOLOGY OF WORK EXECUTION :

- i. **Block Plantation:** An integrated approach with plantation is proposed. The spacing may be 1m x 1 with pit size of 30 cm x 30 cm depending upon the actual condition.
- ii. **Fencing & Protection:** The plantation area needs fencing and protection from cattle grazing and other interference for the better survival and establishment. Also, the watch and ward maybe engage as and when required for protection and other plantation related work as well as for extension work.
- iii. **Seedling requirement:** The requirement of seedlings may be met from the existing nurseries of the Forest department on payment as per the basis approved rates or other sources (if the former option is not available).
- iv. **Choice of species:** Mixed plantation of site specific indigenous fruit bearing and Timberable species.
- v. **Soil & Moisture Conservation:** SMC work has been proposed.
- vi. **Executing Agency:** West Territorial Division may execute the work under the supervision of state FCA Cell.

- vii. Schedule: Schedule of execution maybe in the year 2021-2022 subject to availability of fund in time from the User Agency.
- viii. Monitoring & Evaluation: Forest & Environment Department, Govt. of Sikkim and the Regional Office, MoEF&CC, Govt. of India shall take up the monitoring & evaluation of works.

(A) ADVANCE & CREATION WORKS

Sl. No	Particulars	Area(in Ha)	Rate (Rs/Ha)	Amount (in rupees)
1.	Cost of Block Plantation- AR (all complete) including transportation cost	1	37,735 + 2,800	40,535.00
	Sub-total of A			40,535.00

(B) MAINTANENCE UPTO 10 YRS

Sl. No.	Particulars	Area(in Ha)	Rate (Rs/Ha)	Amount (in rupees)
(a)	1st Yr. Maint. (Two Weeding operation)	Ha	10,847	10,847
(b)	2nd Yr. Maint (Two Weeding Operation)	Ha	8,227	8,227
(c)	3 rd Yr. Maint. (Two weeding Operation)	Ha	8,227	8,227
(d)	4 th Yr. Maint. (One weeding Operation)	Ha	4,360	4,360
(e)	5 th Yr. Maint. (One weedingOperation)	Ha	4,360	4,360
(f)	6 th Yr. Maint. (One weeding Operation)	Ha	4,360	4,360
(g)	7 th Yr. Maint. (One weeding Operation)	Ha	3,182	3,182
(h)	8 th Yr. Maint. (One weeding Operation)	Ha	3,182	3,182
(i)	9 th Yr. Maint. (One weeding Operation)	Ha	3,182	3,182
(j)	10 th Yr. Maint. (One weeding Operation)	Ha	3,182	3,182
	Sub-total of B			53109.00
	Total (A+B)			93644.00

(C) SOIL & MOISTURE CONSERVATION WORK

Sl. No	Particulars	Area (Ha)	Rate (Rs/Ha)	Amount (in rupees)
1.	Soil & Moisture Conservation Work	1	54,770 + 1,400	56,170.00
	Sub-total of C			56,170.00

(D) DRY STONE WALL FENCING

Sl. No	Particulars	Area (Km)	Rate (Rs/Km)	Amount (in rupees)
1.	Dry stone wall fencing	1	9,54,600	9,54,600.00
	Sub-total of D			9,54,600.00

(E) BARBED WIRE FENCING WITH BALLY/WOODEN POST

Sl. No	Particulars	Area (Km)	Rate (Rs/Km)	Amount (in rupees)
1.	Barbed wire fencing with Bally/wooden post	1	3,81,295	3,81,295.00
	Sub-total of E			3,81,295.00

(F) TOTAL ABSTRACT

Sl. No	Particulars	Area (Ha/Km)	Rate (Rs/HaKm)	Amount (in rupees)
1.	Cost of Block Plantation (AR) including 10 yrs. Mtts.	16	93,644	14,98,304.00
2.	Soil Moisture Conservation Works	8	56,170	4,49,360.00
3.	Dry Stone Wall Fencing	2	9,54,600	19,09,200.00
4.	Barbed wire fencing with bally/wooden post	2	3,81,295	7,62,590.00
	Total Amount of F			46,19,454.00

(G) OVERHEAD / MONITORING & EVALUATION/CONTINGENCIES

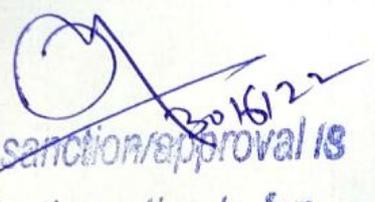
Sl. No.	Particulars	Total Amount (F)	Rate(in % of total)	Amount (in rupees)
I	Office expenses, Stationery ,TA/DA, Repair of Vehicle, computer etc (5% of total)	46,19,454 38,16,864	5	2,30,973.00 1,92,843/-
ii	Monitoring & Evaluation inspection of works (2% of the total cost.	46,19,454 38,56,864	2	92,389.00 77,137/-
iii	Contingencies, cost of escalation and other unforeseen expenditure (4% of the total cost.	46,19,454 38,56,864	4	1,84,778.00 1,54,275/-

iv	Sub-total of G		508140.00
V	Grand Total (F+G)		51,27,594.00

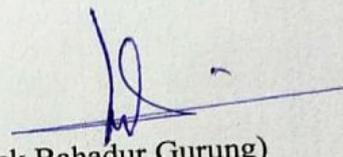
42,42,551/-
47,46,299/-

Total Cost of Compensatory Afforestation = ~~51,27,594~~ 42,81,119/-

(Rupees Fifty One Lakhs Twenty Seven Thousand Five Hundred Ninety Four) only/-
(Rupees forty two lakhs eighty one thousand & one hundred & nineteen) only.

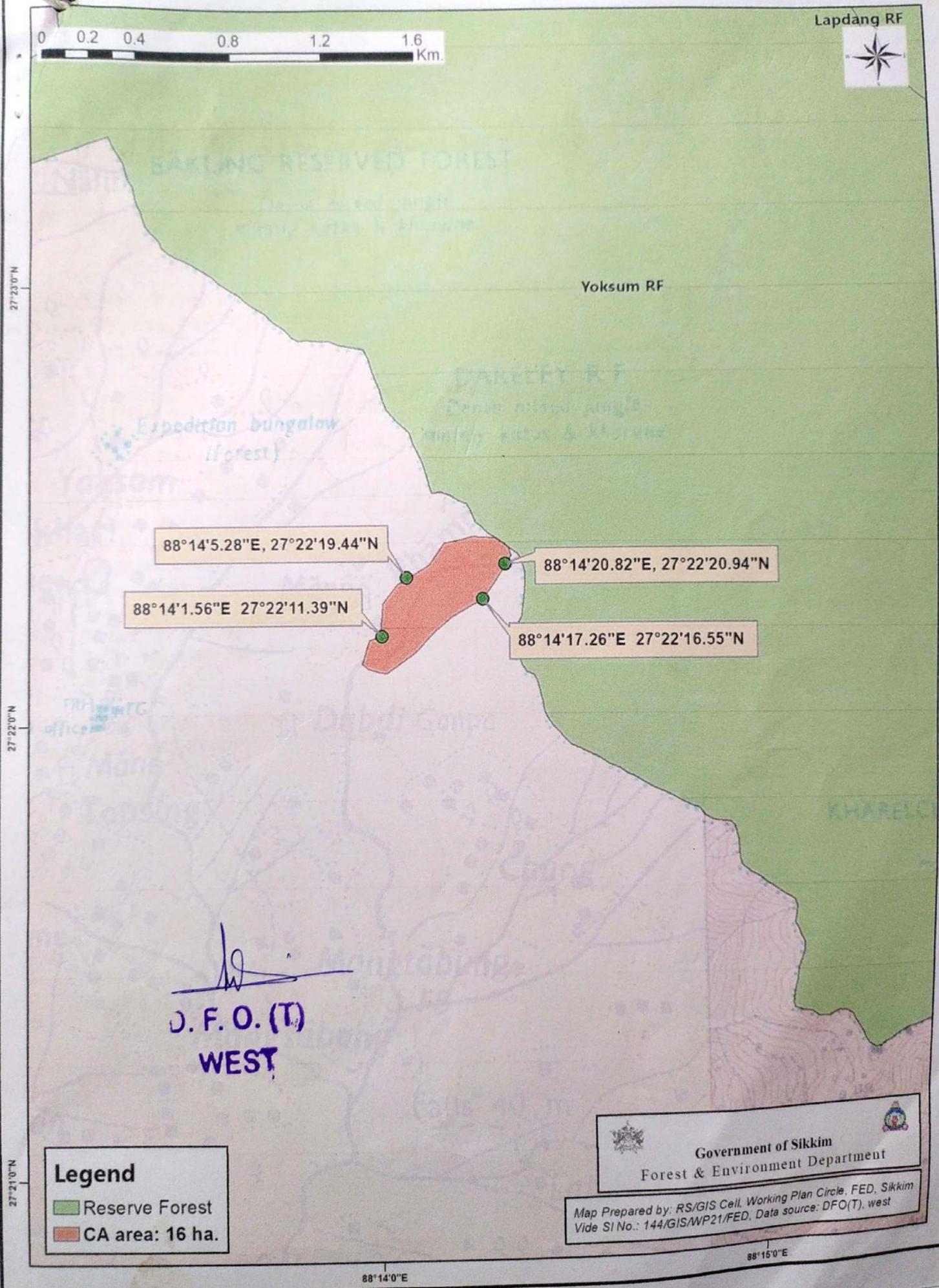

30/6/22

Technical sanction/approval is
accorded to the estimate for
Compensatory Afforestation
Scheme of Rs. ~~51,27,594/-~~
42,81,119/-



(Tek Bahadur Gurung)
Divisional Forest Officer
West Territorial Division
D. F. O. (T)
WEST

MAP SHOWING THE LOCATION OF CA AREA OF 16 HA. AT DEYTHAM KHASMAL AGAINST THE DIVERSION OF GOVT. KHASMAL (AREA: 8 HA.) FOR REHABILITATION FOR THE CLOUD BURST AFFECTED FAMILIES OF TSONG VILLAGE OF DUBDI REVENUE BLOCK UNDER YUKSOM (T) RANGE, WEST SIKKIM



88°14'5.28"E, 27°22'19.44"N

88°14'1.56"E 27°22'11.39"N

88°14'20.82"E, 27°22'20.94"N

88°14'17.26"E 27°22'16.55"N

[Signature]
J. F. O. (T)
WEST

Legend

- Reserve Forest
- CA area: 16 ha.

Government of Sikkim
Forest & Environment Department

Map Prepared by: RS/GIS Cell, Working Plan Circle, FED, Sikkim
Vide SI No.: 144/GIS/WP21/FED, Data source: DFO(T), west