



**GOVERNMENT OF SIKKIM**  
**OFFICE OF THE ADDL. CHIEF SECRETARY-cum-PCCF**  
 FORESTS AND ENVIRONMENT DEPARTMENT  
 FOREST SECRETARIAT, DEORALI, GANGTOK-737 102  
 Email: fca.sikkim@gmail.com

Ref. No. 1917/FCA/F&ED/...*230*.....

Dated *31/5/2022*

To,

✓ The Assistant Inspector General of Forest cum Nodal Officer,  
 Integrated Regional Office,  
 Ministry of Env. Forests & Climate Change,  
 Government of India,  
 IB-198, Sector-III, Salt Lake City,  
 Kolkata -700106.

**Sub: Proposal for diversion of 8.00 ha of forest land for rehabilitation for cloud burst affected families of Tsong Village at Yuksom in Soreng District of Sikkim by Land & Revenue Department, Govt. of Sikkim – Addl. information reg.**

**Proposal No. : FP/SK/REHAB/50235/2020**

Madam,

With reference to letter no. 3-SK B 004/2021-SHI/40 dated 15<sup>th</sup> March' 2021, please find enclosed herewith the additional information for the aforesaid proposal furnished by the DFO (T) concerned.

Sl. No.	Query	Reply
1	State Govt. to provide justification of proposed forest area is suitable for the rehabilitation.	(i) 82.31% of land is under the administrative control of Forest Department in the state of Sikkim. (ii) The adjoining lands are mostly inhabited by Tribal people having marginal land holding. (iii) The location identified for the rehabilitation of displaced eighty seven affected families is within the protected forest i.e. Khasmal Land. (iv) All possible efforts have been made for alternative land availability for rehabilitation of the cloud burst affected families. The private and revenue land identified are mostly rocky, steep and some are along the river side which are not habitable and highly risky during heavy rainfall.
2	The proposed Compensatory Afforestation area is found in dense forest in satellite imagery picture.	New site has been identified for carrying out Compensatory Afforestation. Details with Maps and GPS co-ordinates for the same are attached herewith.

Since, required additional information has been furnished, it is requested to kindly consider the aforesaid proposal for according In-Principle Approval under Section 2 of Forest (Conservation) Act, 1980, please.

Yours sincerely,

(D.C Nepal, IFS),  
 CCF-cum-Nodal Officer (FCA)



Copy for information to:-

1. Secretary,  
Land & Revenue Deptt., GoS
2. CF (T)
3. File for record.
4. Guard file.





GOVERNMENT OF SIKKIM  
OFFICE OF THE DIVISIONAL FOREST OFFICER  
WEST TERRITORIAL DIVISION,  
GYALSHING.

Memo No: 756/WD/T

Dated: 26/11/2021

To,

The CF-cum-Nodal Officer (FCA),  
Forest & Environment Department,  
Government of Sikkim,  
Gangtok.

Sub: Proposal for diversion of 8.00 Ha of Forest Land for rehabilitation of cloud burst affected families of Tsong Village at Yuksom in West District of Sikkim by Land & Revenue Department, Govt. of Sikkim – Additional Information-reg.

Sir,

Details sought vide your letter Ref. No. 1971/FCA/FEWMD/1291-93 dated 24/03/2021, for Sl.No. 1 & 2, regarding the subject cited above.

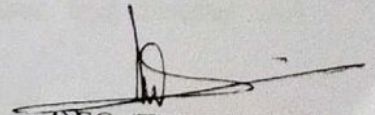
**For Sl. No. 1:-** Additional information regarding suitability of the proposed area for rehabilitation of the cloud burst affected families are as follows:-

- i) 82.31% of land is under the administrative control of Forest Department in the state of Sikkim.
- ii) The adjoining lands are mostly inhabited by Tribal people having marginal land holding.
- iii) The location identified for the rehabilitation of displaced eighty seven affected families is within the protected forest i.e. Khasmal Land.
- iv) All possible efforts have been made for alternative land availability for rehabilitation of the cloud burst affected families. The private and revenue land identified are mostly rocky, steep and some are along the river side which are not habitable and highly risky during heavy rainfall.

**For Sl. No. 2:-** New site has been identified for carrying out Compensatory Afforestation. Details with Maps and GPS co-ordinates for the same are forwarded herewith as an enclosure to this letter. (05 Set)

Submitted for perusal and further necessary action, please,

Yours faithfully,

  
DFO (T) West Sikkim

D. F. O. (T)  
WEST

for kind info, please

Encl:- As above

Copy to:-

- i) CF(T), F&ED, Gangtok.
- ii) The Secretary, Land & Revenue Deptt. Gangtok
- iii) Office Copy



## 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 :

- 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.
- 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.
- 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).
- Choice of species:** Mixed plantation of site specific indigenous fruit bearing and Timberable species.
- Soil & Moisture Conservation:** SMC work has been proposed.
- 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			<b>40,535.00</b>

(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 <sup>rd</sup> Yr. Maint. (Two weeding Operation)	Ha	8,227	8,227
(d)	4 <sup>th</sup> Yr. Maint. (One weeding Operation)	Ha	4,360	4,360
(e)	5 <sup>th</sup> Yr. Maint. (One weedingOperation)	Ha	4,360	4,360
(f)	6 <sup>th</sup> Yr. Maint. (One weeding Operation)	Ha	4,360	4,360
(g)	7 <sup>th</sup> Yr. Maint. (One weeding Operation)	Ha	3,182	3,182
(h)	8 <sup>th</sup> Yr. Maint. (One weeding Operation)	Ha	3,182	3,182
(i)	9 <sup>th</sup> Yr. Maint. (One weeding Operation)	Ha	3,182	3,182
(j)	10 <sup>th</sup> Yr. Maint. (One weeding Operation)	Ha	3,182	3,182
	Sub-total of B			<b>53109.00</b>
	Total (A+B)			<b>93644.00</b>



## (C) SOIL &amp; 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. Mts.	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 &amp; 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	5	2,30,973.00
ii	Monitoring & Evaluation inspection of works (2% of the total cost.	46,19,454	2	92,389.00
iii	Contingencies, cost of escalation and other unforeseen expenditure (4% of the total cost.	46,19,454	4	1,84,778.00




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

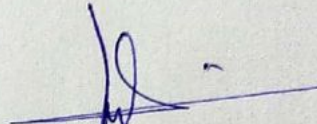
42,42,551/-  
47,46,299/-

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

(Rupees Fifty One Lakhs Twenty Seven Thousand Five Hundred Ninety Four) only/-

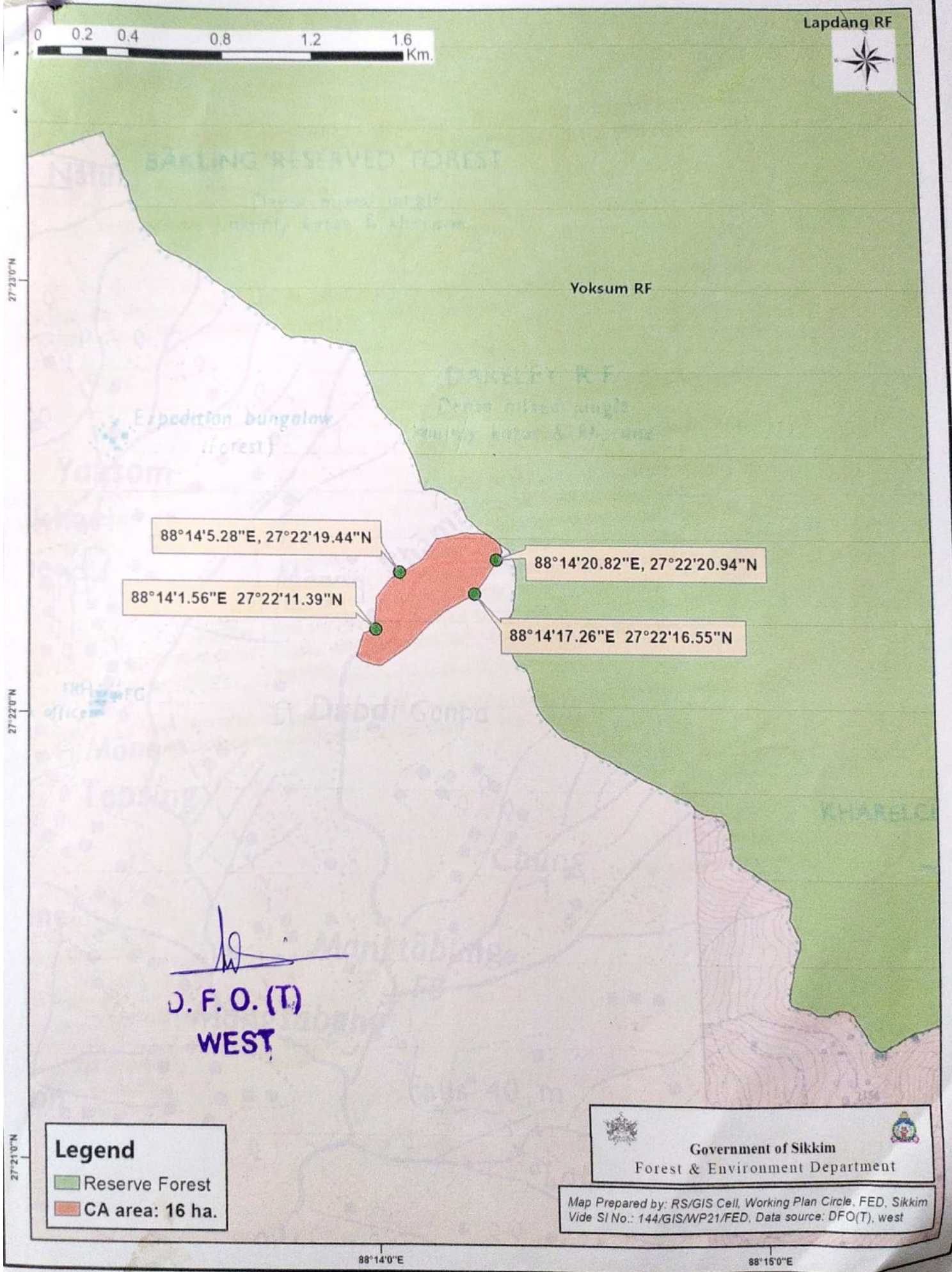
(Rupees forty two lakhs eighty one thousand & one hundred & nineteen) only.

  
 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 KHASHMAL AGAINST THE DIVERSION OF GOVT. KHASHMAL (AREA: 8 HA.) FOR REHABILITATION FOR THE CLOUD BURST AFFECTED FAMILIES OF TSONG VILLAGE OF DUBDI REVENUE BLOCK UNDER YUKSOM (T) RANGE, WEST SIKKIM





NET PRESENT VALUE (NPV) BILL

Name of the Project : Rehabilitation for the cloud burst affected families of  
Tsong village in Yuksom, West Sikkim

User Agency : Land Revenue & Disaster Management  
Department, Govt. of Sikkim

1. Area of forest land proposed for diversion : 8.00 Ha.
2. Crop Density : above 40%
3. Rate of NPV notification (as per the Hon'ble Supreme Court Order dt 15<sup>th</sup> May, 2008) : Rs. 8,97,000 per ha for Eco class VI (dense forest)  
*MOEFCC guidelines dated 19/01/22*
4. Net Present Value (NPV) bill : Rs. 71,76,000.00 *1,09,79,280/-*

*(Rupees one crore nine lakhs seventy nine thousand two hundred (eighty) only.*

The Upper Hill forests of the area proposed for diversion for rehabilitation for the cloud burst affected families of Tsong village in Yuksom, West Sikkim. It has been categorized as Himalayan Moist Temperate Forests under Eco-Class VI in accordance with the order of Hon'ble Supreme Court of India dated 15<sup>th</sup> May 2008. *guidelines of MOEFCC* The crop density of the forestland is above 40%, it has been further categorized as dense forest (as per State of Forest Report, 2019). So, Forest land with Eco Class VI rate of Rs. *13,72,410/-* 8,97,000/- per ha was taken. Therefore the Net Present Value for 8.00 Ha. of forest land diverted is calculated amounts to

**Rs 71,76,000.00 (Rupees Seventy One Lakhs Thousand Rupees) only**

*[Signature]*  
Divisional Forest Officer  
West Territorial Division  
Gyalshing, West Sikkim  
**DFO (T)  
WEST**