

**ESTIMATE FOR COMPENSATORY AFFORESTATION SCHEME FOR
DIVERSION OF 0.9790HA OF FOREST LAND FOR CONSTRUCTION OF
RCR FROM NSH VIA SAMDOCHE TO UPPER GAIKHANA UNDER
PHODONG (T) RANGE IN NORTH SIKKIM BY RDD, GOVERNMENT OF
SIKKIM**

INTRODUCTION:

The RDD (User Agency) Government of Sikkim has proposed for diversion of 0.9790ha of Forest land for construction of RCR from NSH via Samdoche to Upper Ghaikhana under Phodong (T) Range in North Sikkim by RDD, Government of Sikkim

LOCATIONS / SITES FOR COMPENSATORY AFFORESTATION:

The proposed locations/site selected for Compensatory Afforestation Scheme (Block Plantation) is Reserve Forest land within the Phodong Territorial Range. The areas need to be treated with priority to enhance the environment & ecology in the region. The proposed locations are as under:-

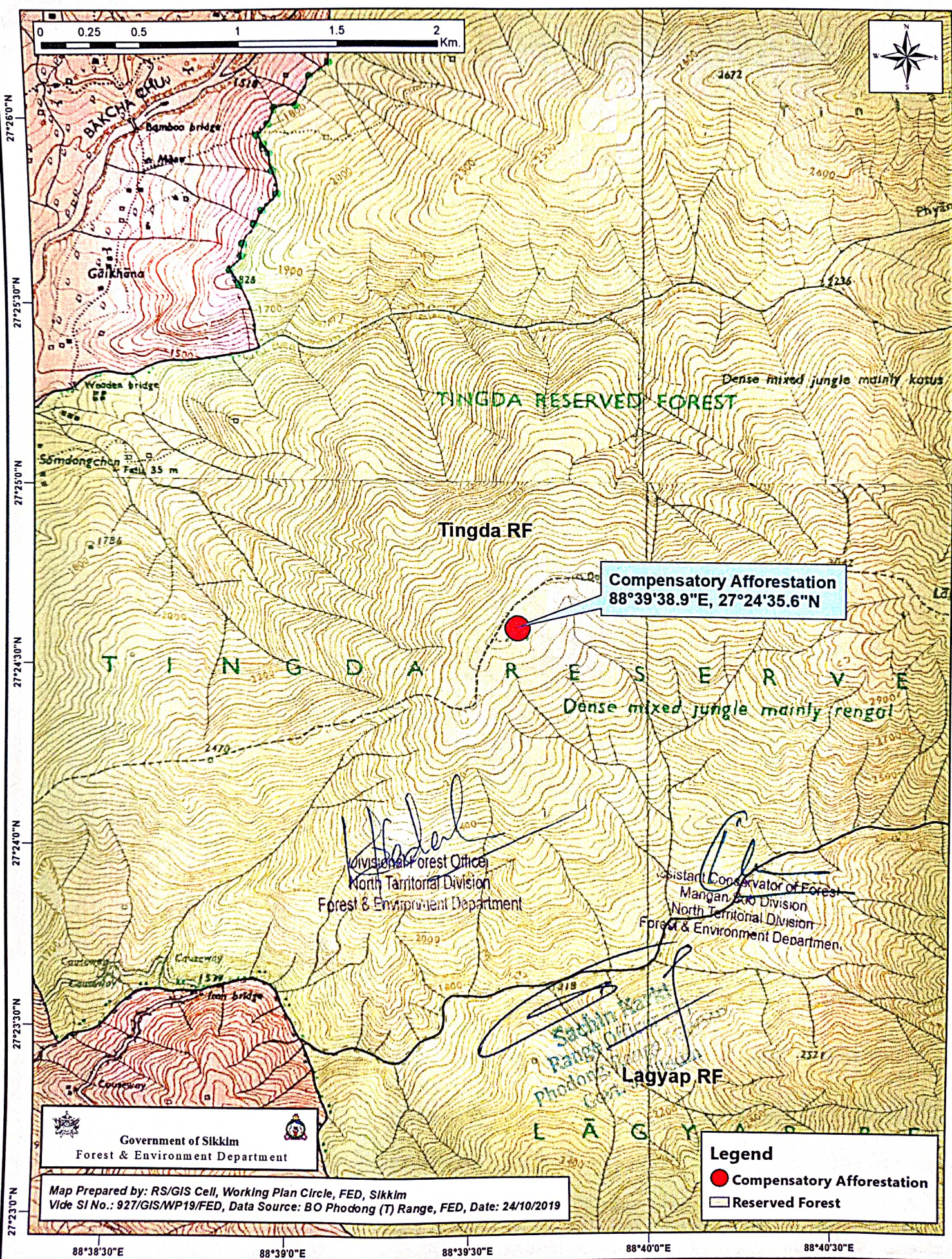
Sl No	Range	Location	Block Plantation	GPS Coordinates
1	Phodong	Tingda RF	0.9790Ha x 2	27°24'35.6" 88°39'38.9"
		TOTAL=	1.958Ha	

Integrated approach for Block Plantation would be taken up in the above mentioned area. While implementing this scheme, if the above mentioned location needs to be changed based on technical ground and priority, due approval from the government would be taken before starting the works.

1. INTEGRATED PROGRAMME/METHODOLOGY OF WORKS FOR EXECUTION

- a. **The seedlings requirement:** The seedlings required for the Block Plantation will be used from the nearest forest nursery on the payment of Department norms.

MAP SHOWING THE PROPOSED LOCATION OF COMPENSATORY AFFORESTATION AGAINST THE DIVERSION OF 0.9790 HA. OF FOREST LAND FOR THE CONSTRUCTION OF PROPOSED POGSY ROAD UNDER KABI SUB-DIVISION FROM NSH VIA SAMDONGCHEN TO UPPER GAIKHANA PASSING THROUGH TINGDA RF UNDER PHODONG (T) RANGE, NORTH SIKKIM



- b. **Block Plantation:** The planting work will start in the month of May to July by preparing the site with cutting cleaning of bushes & digging of pits of size 45cmx45cmx45cm in a staggered manner.
- c. **Choice of Sapling:** Locally suitable species like Uttis, Maledo, Katus, and any other Suitable species will be raised in the pits.
- d. **Fencing:** The area under the plantation will be fenced with Stone wall fencing usually locally available stone all around the plantation at venerable points. It is necessary to protect the plantation from biotic interference.
- e. **Protection:** The newly created afforestation shall be protected in biotic interference by providing Dry stone wall fencing at vulnerable point and locals as watch and wards. Entire stretches of forest area of high altitude area shall also be protected.
- f. **Maintenance:** The maintenance of plantation will be carried up to 10years for successful establishment of plantation.
- g. **Executing Agency:** The work will be executed by the Department.
- h. **Monitoring and Evaluation:** The monitoring and evaluation of the project will be done by the Regional Office, Meghalaya, Shillong, Government of India and State Forest Department, Government of Sikkim at interval.
- i. **Schedule of Time:** The work will be executed during the month of June & August in the year 2020-21 subject to availability of fund from User Agency in time.

2. FINANCIAL FORECAST:

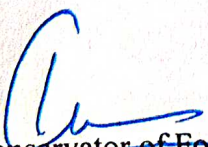
Block Plantation: Area =0.9790x2Ha (Low Altitude)

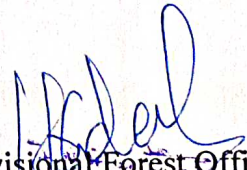
SL. No	Activities	Unit	Approved SOR	Fin.Target(in Rupees)
A. Compensatory Afforestation				
(a)	Creation of Block Plantation of locally suitable species.	1.958Ha	37,735 /-	73,885 /-

A	MAINTENANCE OF BLOCK PLANTATION	Amount (in Rs.)
(a)	Maintenance of 2 nd (Twice a year): Two weeding in 2 nd year=1.958ha x @ Rs. 8227/-x 2	32,217/-
(b)	Maintenance 3 rd year One weeding in 3 rd year= 1.958Ha x @ Rs.8227/- x1	16,108/-
(c)	Maintenance 4 th year Single weeding in 4 th year= 1.958Ha x @ Rs.4360/-x1	8,537/-
(d)	Maintenance 5 th year Single weeding in 5 th year= 1.958Ha x @ Rs.4360x1	8,537/-

(e)	Maintenance 6 th year Single weeding in 6 th year=1.958Ha x @Rs.4360	8,537/-
(f)	Maintenance 7 th year Single weeding in 7 th year=1.958Ha x @ Rs.3182	6,230/-
(g)	Maintenance 8 th year Single weeding in 9 th year=1.958Ha x @ Rs.3182	6,230/-
(h)	Maintenance 9 th year Single weeding in 9 th year=1.958Ha x @ Rs.3182	6,230/-
(i)	Maintenance 10 th year Single weeding in 10 th year=1.958Ha x @ Rs.3182	6,230/-
	TOTAL(A+B)=	1,72,741/-
C	FOR PROTECTION	
I	Engagement of Plantation Supervisor 2Nos 320/day for 5Years	11,68,000/-
	Total (A+B+C)	13,40,741/-
D	Over Head/ Monitoring & Evaluation/ Contingencies	
Sl. No.	Particulars	Amount (in Rs.)
I	Office Expenses, Stationery, TA/DA, Repair of vehicle/ computer etc. @ 10% of above	1,34,074/-
II	Monitoring & Evaluation @ 2% of above	26,815/-
III	Contingencies @ 4 % of above	53,630/-
	Total D	2,14,519/-
	TOTAL (A+B+C+D) =	15,55,260/-

(Rupees: Fifteen Lakh Fifty- five Thousand two hundred and sixty only).


Assistant Conservator of Forest
North Territorial Division
Forest & Environment Department


Divisional Forest Officer
North Territorial Division
Forest & Environment Department