

**ESTIMATE FOR COMPENSATORY AFFORESTATION SCHEME FOR  
DIVERSION OF 0.0837HA OF FOREST LAND FOR PROPOSED  
CONSTRUCTION OF INTEGRATED GREEN TOURIST COMPLEX AT  
YUMTSO NEAR GURUDONGMAR IN LACHEN NORTH SIKKIM BY  
TOURISM DEPARTMENT GOS**

**INTRODUCTION:**

Tourism and Civil Aviation Department (User Agency) Govt. of Sikkim, has proposed for diversion of 0.0837Ha. of forest land for construction of Integrated Green Tourist Complex at Yumtso near Gurudongmar in Lachen North Sikkim by Tourism and Civil Aviation Department, Government of Sikkim.

**1. LOCATIONS / SITES FOR COMPENSATORY AFFORESTATION:**

The proposed locations/site selected for Compensatory Afforestation Scheme (Block Plantation) is reserved forest lands within the Lachen 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	Fencing area in Km
1	Lachen	Yumtso	0.1674 ha	88° 42' 0.171" E 28° 2' 32.302" N	1Km
Total					

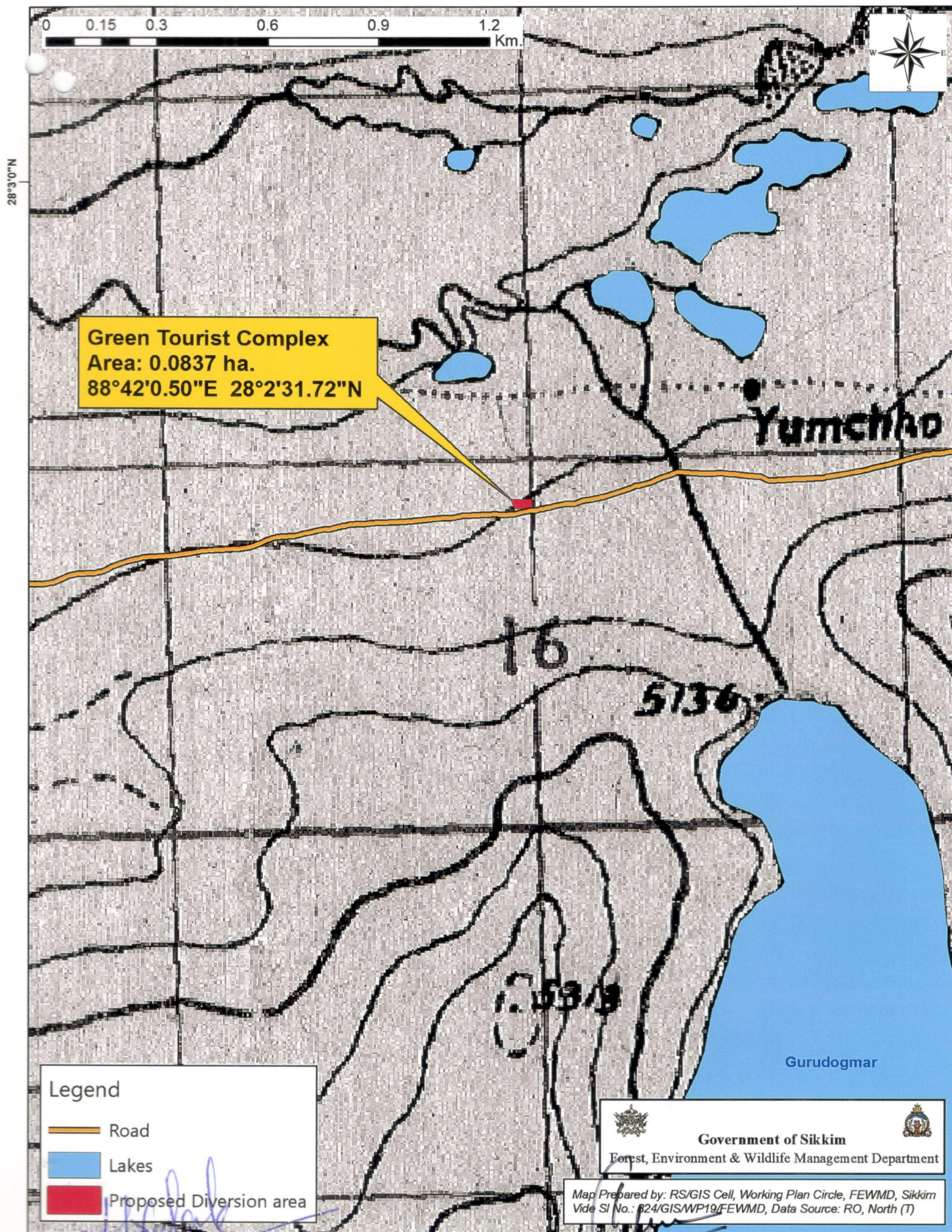
Integrated approach for Block Plantation would be taken up in the above mentioned area. While implementing this scheme, if the above mentioned location needs to be changed based on technical ground and priority, due approval from the government would be taken before starting the works.

**2. 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.
- 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, Lek Dubo, Lama and any other Suitable species will be raised in the pits.



**MAP SHOWING THE PROPOSED AREA FOR DIVERSION OF FOREST LAND FOR CONSTRUCTION OF  
INTEGRATED GREEN TOURIST COMPLEX FOR THE DEVELOPMENT OF TOURISM AT  
YUMCHHO, UNDER LACHEN (T) RANGE NORTH DIVISION**



*Divisional Forest Officer*  
North Territorial Division  
Forest & Environment Department

*Assistant Commissioner of Forest*  
Working Plan Circle  
North Territorial Division  
Forest & Environment Department



- d. **Fencing:** The area under the plantation will be fenced with Stone wall fencing usually locally available stone all around the plantation at vulnerable 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 7years 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.

### 3. FINANCIAL FORECAST:

**Block Plantation: Area =0.1674 ha (High Altitude)**

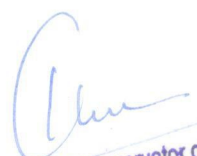
SL.No	Activities	Unit	Approved SOR	Fin. Target(in Rupees)
<b>1.Compensatory Afforestation</b>				
(a)	Creation of Block Plantation of Locally suitable species	Ha	56602/-	9475/-
2.	Creation of assisted Natural Regeneration (ANR) as per Usual/sound forestry practices	Ha	39000/-	6529/-
<b>Sub- Total (A)</b>				<b>16004/-</b>
3.	<b>Maintenance Of Block Plantation</b>			
(a)	1 <sup>st</sup> Year Maintenance (Two weeding )	Ha	16,271/-	2724/-
(b)	2 <sup>nd</sup> Year Maintenance( Two weeding)	Ha	12,341/-	2066/-
(c)	3th Year Maintenance(Two weeding)	Ha	12,341/-	2066/-
(d)	4 <sup>th</sup> Year Maintenance (One Weeding)	Ha	6,540/-	1095/-
(e)	5 <sup>th</sup> Year Maintenance(One weeding)	Ha	6,540/-	1095/-
(f)	6 <sup>th</sup> Year Maintenance (One weeding)	Ha	6,540/-	1095/-

(g)	7 <sup>th</sup> Year Maintenance (One weeding)	Ha	4,772/-	799/-
	8 <sup>th</sup> Year Maintenance (One weeding)	Ha	4,772/-	799/-
	9 <sup>th</sup> Year Maintenance (One weeding)	Ha	4,772/-	799/-
	10 <sup>th</sup> Year Maintenance (One weeding)	Ha	4,772/-	799/-
<b>4.</b>	<b>Maintenance of Assisted Natural Regeneration</b>			
(a)	1 <sup>st</sup> Year Maintenance (Two weeding )	Ha	9,711/-	1626/-
(b)	2 <sup>nd</sup> Year Maintenance( Two weeding)	Ha	6,672/-	1117/-
(c)	3th Year Maintenance(one weeding)	Ha	4,419/-	7310/-
<b>Sub- Total (B)</b>				<b>23390/-</b>
<b>5.</b>	<b>Protection of Afforestation and NR</b>			
(a)	Dry stone wall fencing for protection of afforestation	km	1121655.00	1121655/-
(b)	5 watch a/ward for looking after the afforestation and petrolling duty for 5 years by engaging locals (365x5)	Mday	450.00/-	8,21,250.00/-
<b>Sub-Total (C)</b>				<b>1942905/-</b>
<b>Total (A+B+C)</b>				<b>1982299/-</b>
<b>6.</b>	<b>Overhead Cost</b>			
(a)	Office Expenses, Stationery, TA/DA, Repair of vehicle/ computer including the cost of HSD/POL etc. @ 10% of above(A+B+C)			198229/-
(b)	Monitoring & Evaluation by Rep of Central and State Govt from time to time @ 2% (A+B+C)			39646/-

(c)	Contingency provision for warm clothing and other field kits requiring for touring extreme in HA areas @4%(on A+B+C)			79292/-
	<b>Sub- Total(D)</b>			<b>31717/-</b>
	<b>G-Total (A+B+C+D)</b>			<b>22,99,466/-</b>

Total Amount 22,99,466/- (Rupees: Twenty two Lakh Ninety Nine Thousand Four hundred Sixty Six ) only.

  
Divisional Forest Officer  
North Territorial Division  
Forest & Environment Department

  
Assistant Conservator of Forest  
Mangan Sub Division  
North Territorial Division  
Forest & Environment Department