

**ESTIMATE FOR COMPENSATORY AFFORESTATION SCHEME FOR
DIVERSION OF FOREST LAND FOR CONSTRUCTION OF BORDER OUT
POST AT CHHUBAKA UNDER LACHUNG TERRITORIAL RANGE IN
NORTH SIKKIM BY 11TH BN INDO- TIBETAN BORDER POLICE FORCE,
GOVERNMENT OF INDIA.**

INTRODUCTION:

The 11th Bn Indo- Tibetan Border Police Force. (User Agency) Govt. of India, has proposed for diversion of 1.61 Ha. of forest land for construction of Border out Post at Chhubaka under Lachung Territorial Range in North Sikkim by 11th Bn Indo- Tibetan Border Police Force, Government of India.

LOCATIONS / SITES FOR COMPENSATORY AFFORESTATION:

The proposed locations/site selected for Compensatory Afforestation Scheme (Block Plantation) is Reserve Forest land within the Lachung 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	Lachung	Chhubaka	1.61ha	88° 49'15.48'' E 27° 48'21.60'' N	1Km
Total			1.61ha		

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

- The seedlings requirement:** The seedlings required for the Block Plantation will be used from the nearest forest nursery on the payment of Department norms.
- 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 Primula, Arisaema spp, Lek, Sunpati Dhup, plant 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 =1.61Ha (High Altitude)


SL. No	Activities	Unit	Approved SOR	Fin.Target(in Rupees)
A. Compensatory Afforestation				
(a)	Creation of Block Plantation of locally suitable species.	1.61Ha	56,602/-	91,129/-

B. MAINTENANCE OF BLOCK PLANTATION		Amount (in Rs.)
(a)	Maintenance of 2 nd (Twice a year): Two weeding in 2 nd year=1.61ha x @ Rs. 12341/- x 2	39,738/-
(b)	Maintenance 3 rd year One weeding in 3 rd year= 1.61ha x @ Rs.12341/- x1	19,869/-
(c)	Maintenance 4 th year Single weeding in 4 th year= 1.61ha x @ Rs.6540/-x1	10,529/-
(d)	Maintenance 5 th year Single weeding in 5 th year= 1.61ha x @ Rs6540/-x1	10,529/-
(e)	Maintenance 6 th year Single weeding in 6 th year=1.61ha x @Rs.6540/-	10,529/-
(f)	Maintenance 7 th year Single weeding in 7 th year=1.61ha x@ Rs.4772	7,683/-

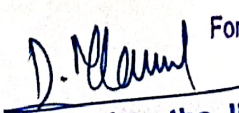
(g)	Maintainance 8 th year Single weeding in 9 th year=1.61ha x@ Rs.4772	7,683/-
(h)	Maintainance 9 th year Single weeding in 9 th year=1.61ha x@ Rs.4772	7,683/-
(i)	Maintainance 10 th year Single weeding in 10 th year=1.61ha x@ Rs.4772	7,683/-
	TOTAL(A+B)=	2,13,055/-
C	FOR PROTECTION	
I	Dry stone fencing 1Km @ Rs. 11,21,655/km	11,21,655/-
II	Engagement of Plantation Supervisor 2Nos320/day for 3 Yrs	7,00,800
	TOTAL(C)	18,22,455/-
	TOTAL(A+B+C)	20,35,510/-
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	2,03,551/-
II	Monitoring & Evaluation @ 2% of above	40,710/-
III	Contingencies @ 4 % of above	81,420/-
	TOTAL(D)	3,25,681/-
	TOTAL (A+B+C+D) =	23,61,191/-

(Rupees: Twenty- Three Lakh Sixty-One Thousand One hundred and Ninety-One only)

**Technical sanction/approval is
accorded to the estimate for
Compensatory Afforestation
Scheme of Rs. 23,61,191/-**


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


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


D. Manjunatha, IFS
CF-cum-Nodal Officer (FCA)
Forests & Env. Deptt.
Govt. of Sikkim, Gangtok