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**ESTIMATE FOR COMPENSATORY AFFORESTATION SCHEME FOR
DIVERSION OF 0.984HA OF FOREST LAND FOR CONSTRUCTION OF
RCR FROM NSH TO YAK FARM DENGGA UNDER CHUNGTHANG (T)
RANGE IN NORTH SIKKIM BY RDD, GOVERNMENT OF SIKKIM**

INTRODUCTION:

The RDD (User Agency) Government of Sikkim has proposed for diversion of 0.984ha of Forest land for construction of RCR from NSH to Yak Farm Denga under Chungthang (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 Chungthang 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	Chungthang	Chungthang RF	0.984Ha x 2	27°38'27.66" 88°36'54.73"	1km
		TOTAL=	1.968Ha		1Km

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 Kutki, Sikkim sundari 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 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 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 =0.984x2Ha (High Altitude)

SL. No	Activities	Unit	Approved SOR	Fin.Target(in Rupees)
A. Compensatory Afforestation				
1.	Creation of Block Plantation of locally suitable species.	1.968Ha	56,602 /-	1,11,393/-
Total A=				1,11,393/-

B.	MAINTENANCE OF BLOCK PLANTATION	Amount (in Rs.)
(a)	Maintenance of 2 nd (Twice a year): Two weeding in 2 nd year=1.968Ha x @ Rs.12,341 /-x 2	48,574/-
(b)	Maintenance 3 rd year One weeding in 3 rd year= 1.968Ha x @ Rs.12,341/- x1	24,287/-
(c)	Maintenance 4 th year Single weeding in 4 th year= 1.968Ha x @ Rs.6,540/-x1	12,871/-
(d)	Maintenance 5 th year Single weeding in 5 th year= 1.968Ha x @ Rs 6,540x1	12,871/-
(e)	Maintenance 6 th year Single weeding in 6 th year=1.968Ha x @Rs.6540	12,871/-
(f)	Maintainance 7 th year Single weeding in 7 th year=1.968Ha x@ Rs.4772	9,391/-

(g)	Maintainance 8 th year Single weeding in 9 th year=1.968Ha x@ Rs.4772	9,391/-
(h)	Maintainance 9 th year Single weeding in 9 th year=1.968Ha x@ Rs.4772	9,391/-
(i)	Maintainance 10 th year Single weeding in 10 th year=1.968Ha x@ Rs.4772	9,391/-
	TOTAL B=	2,60,431/-
	TOTAL A+B=	3,71,824/-
C	PROTECTION MEASURES	
II.	Engagement of Plantation Supervisor 2Nos320/day for 3Yrs	7,00,800/-
	TOTAL C	7,00,800/-
	TOTAL (A+B+C)	10,72,624/-
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	1,07,262/-
II	Monitoring & Evaluation @ 2% of above	21,452/-
III	Contingencies @ 4 % of above	42,905/-
	Total D	1,71,619/-
	TOTAL (A+B+C+D) =	12,44,243/-

(Rupees: Twelve Lakh Fourty Four thousand Two Hundred and Fourty- three only).

Assistant Conservator of Forest
North Territorial Division

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

Technical sanction/approval is
accorded to the estimate for
Compensatory Afforestation
Scheme of Rs. 12,44,243/-

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