

COMPENSATORY AFFORESTATION SCHEME

NAME OF PROJECT: Proposal for Diversion of 2.87 Ha of Forest land for Extension of three phase 11KV Weasel line and Installation of 25 KVA Outdoor type Distribution Sub-Station along with Extension of LT Line at Sakhimdara, Dhoban & Nayapatal (72nd Battalion SSB Outpost along Indo-Nepal Border) at Geyzing, West Sikkim.

INTRODUCTION:

Power Department, Govt. of Sikkim has put forward the proposal for diversion of 2.87 Ha of Forest land for Extension of three Phase 11KV Weasel line and Installation of 25KVA Outdoor type distribution Sub-Station along with Extension of LT line at Sakhimdara, Doban and Nayapatal in West Sikkim by Power Department, Govt. of Sikkim.

The Compensatory Afforestation Scheme over double the degraded area of forest land is proposed in order to compensate for the loss of forest land maintain an ecological balance in the area.

1. SELECTION OF SITE/LOCATION FOR COMPENSATORY AFFORESTATION.

SL.No	Location	GPS Co-ordinates	Range	Division	Area
1.	Yampung RF	27°21'11.09"N 88°8'57.02"E	Gyalshing	West (T)	6Ha

2. METHODOLOGY OF WORK EXECUTION:

- i. Block Plantation: An integrated approach with plantation is proposed. The spacing may be 1m x 1 with pit size of 30cm x 30cm depending upon the actual condition.
- ii. Fencing & Protection: Barbed wire fencing with Bally and Dry stone wall fencing is proposed to minimum interference from cattle grazing and other interference for the better survival and establishment of the plantation. Also, the watch and ward maybe engaged as and when required for protection and other plantation related work as well as for extension work.
- iii. Seedling requirement: The requirement of Seedlings may be met form 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).
- iv. Choice of species: Mixed plantation of site specific indigenous fruit bearing and Timberable species.

- v. Soil & Moisture Conservation: SMC work is enclosed at Sl. No. 1 of Para (C). Staggered trenches and retention walls suiting the local terrain will be made for effective control of soil erosion and improved vegetation.
- vi. 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 2022-23, 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 WORK & CREATION

Sl. No	Particulars	Area (ha/km)	Rate (Rs./ha)	Amount (in rupees)
1	Cost of block plantation - AR (all complete) including transportation cost.	6	37,735 + 2,800	2,43,210.00
	Sub-total of A			2,43,210.00

(B) MAINTENANCE UPTO 10 YEARS

Sl. No.	Particulars	Area (in ha)	Rate (Rs/ha)	Amount (in rupees)
(a)	1st Year Maint. (Two Weeding Operation)	6	10,847	65,082
(b)	2nd & 3 rd Year Maint. (Two Weeding Operation)	6	8,227	98,724
(c)	4 th , 5 th & 6 th Year Maint. (One Weeding Operation)	6	4,360	78,480
(d)	7 th , 8 th , 9 th & 10 th Year Maint. (One Weeding Operation)	6	3,182	76,368
	Sub-total of B			3,18,654.00

(C) SOIL & MOISTURE CONSERVATION & DRY STONE FENCING WORK

Sl. No.	Particulars	Area	Rate	Amount (in rupees)
1.	Soil & Moisture Conservation Work	3 Ha	54,770 + 1,400	1,68,510.00
2.	Dry Stone Wall Fencing	1.5 Km	9,54,600	14,31,900.00
3.	Barbed Wire Fencing/Bally	2 Km	3,81,295+6000	7,74,590.00
	Sub-Total of C			23,75,000.00
	Grand Total (A+B+C)			29,36,864.00

16,50,410.00
21,62,274.00

(D) OVERHEAD/MONITORING & EVALUATION/CONTINGENCIES

Sl. No.	Particulars	Total Amount (A+B+C)	Rates(in % of Total)	Amount (in Rupees)
1.	Office expenses, Stationery, TA/DA, Repair of Vehicle, Computer etc. (5% of total cost)	29,36,864 21,62,274	5	1,46,843.00 1,08,114.00
2.	Monitoring & Evaluation inspection of works (2% of the total cost)	29,36,864 21,62,274	2	58,737.00 43,245.00
3.	Contingencies, cost of escalation and other unforeseen expenditure (4% of the total cost)	29,36,864 21,62,274	4	1,17,475.00 86,491.00
	Sub-total of (D)			32,30,55.00 2,37,850.00
	Grand Total (A+B+C+D)			32,59,919.00 24,00,124.00

Total Cost of Compensatory Afforestation Scheme = Rs. ~~32,59,919.00~~ 24,00,124.00

~~(Rupees Thirty two Lakhs Fifty nine Thousand Nine hundred Nineteen) only~~

(Rupees twenty four lakhs one hundred & twenty four) only

Technical sanction/approval is
accorded to the estimate for
Compensatory Afforestation
Scheme of Rs. 24,00,124/-

(Tek Bahadur Gurung)
Divisional Forest Officer
West Territorial Division

D. F. O. (T)
WEST