

COMPENSATORY AFFORESTATION SCHEME

NAME OF PROJECT: Proposal for Diversion of 1.1384 Ha of forest land for Construction of road from Naya bazar Soreng to Gelling Dara to Gelling School in Soreng District of Sikkim by Roads and Bridges Department, Government of Sikkim.

INTRODUCTION:- Roads and Bridges Department ,government of Sikkim has put forward the proposal for diversion of 1.1384 Ha of Forest land for Construction of road from Nayabazar,Soreng to Gelling Dara to Gelling School in Soreng.

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

SELECTION OF SITE/LOCATION FOR COMPENSATORY AFFORESTATION

Sl.No	Location	GPS-coordinates	Range	Division	Area
1.	Samthang Khasmal	N-27°10'2.12" E-88°12'58.59"	Soreng(T)	Soreng(T)	3 Ha.

1. 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 30 cm x 30 cm depending upon the actual condition.
- ii. Fencing & Protection: Dry stone wall fencing is proposed for protection of the block plantation as it will help in reducing biotic interference.
- iii. Seedling requirement: The requirement of seedlings may be met from 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 timber able species.
- v. Soil & Moisture Conservation: SMC work has been proposed.
- vi. Executing Agency: Soreng Territorial Division may execute the work under the supervision of state FCA Cell.
- vii. Schedule: Schedule of execution maybe in the year 2023-24 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 & CREATION WORKS

Sl. No	Particulars	Area(in Ha)	Rate (Rs/Ha)	Amount (in rupees)
1.	Cost of Block Plantation- AR (all complete) including transportation cost	3	37,735 + 2,800	121605
	Sub-total of A			121,605.00

(B) MAINTANENCE UPTO 10 YRS

Sl. No.	Particulars	Area(in Ha)	Rate (Rs/Ha)	Amount (in rupees)
(a)	1st Yr. Maintenance. (Two Weeding operations)	3	10,847	32541
(b)	2 nd and 3 rd year Maintenance (Two Weeding Operations)	3	8,227	24681
(c)	4 th , 5 th and 6 th Yr. Maintenance. (One weeding Operation)	3	4360	13080
(d)	7 th , 8 th , 9 th and 10 th Year Maintenance (One weeding operation)	3	3182	9546
	Sub-total of B			79,848

(C) SOIL & MOISTURE CONSEVATION WORK& DRY-STONE WALL FENCING WORK

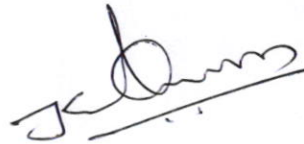
Sl. No	Particulars	Area /Length	Rate (Rs/Km)	Amount (in rupees)
1.	Soil & Moisture Conservation Work	1 Ha	54,770 + 1,400	56,170.00
2	Dry stone wall work	1 Km	954600	954600
	Sub-total of C			1010770
	Total of (A+B+C)			12,12,223

(D) OVERHEAD / MONITORING & EVALUATION/CONTINGENCIES

Sl. No.	Particulars	Total Amount (A+B+C)	Rate /ha (in % of total)	Amount (in rupees)
i	Office expenses, Stationery, TA/DA, Repair of Vehicle, computer etc (5% of total	1212223	5	60611
ii	Monitoring & Evaluation inspection of works (2% of the total cost (A+B)	1212223	2	24244
iii	Contingencies, cost of escalation and other unforeseen expenditure (4% of the total cost (A+B)	1212223	4	48489
iv	Sub-total of D			133344
v	Grand Total (A+B+C+D)			14,25,415

Total Cost of Compensatory Afforestation Scheme = Rs. 14,25,415/-

(Rupees Fourteen Lakhs Twenty-Five Thousand Four Hundred and Fifteen) only/-



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