

28

COMPENSATORY AFFORESTATION SCHEME

NAME OF PROJECT: Proposal Diversion of 1.0428 Ha. of Forest land for Rural Connectivity Road from Narkhola to Upper Narkhola & Lower Narkhola in West Sikkim.

INTRODUCTION: RDD, Gyalshing is constructing Rural Connectivity Road from Narkhola to Upper Narkhola & Lower Narkhola in West Sikkim.

The Compensatory Afforestation Scheme (Block Plantation-AR). Soil & Moisture Conservation Work and Dry stone wall are proposed in order to compensate for the loss of forest land and to maintain an ecological balance in the area.

SELECTION OF SITE/LOCATION FOR COMPENSATORY AFFORESTATION

Sl.No	Location	GPS-coordinates	Range	Division	Area
1.	Raniban Khasmal, Rungdung	N-27°23'09.4" E-88°17'24.0"	Tashiding	West (T)	2 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 to minimise interference from cattle grazing and other interference for the better survival and establishment. 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 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 timberable species.
- v. Soil & Moisture Conservation: SMC work has been proposed.
- 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 2022-2023 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			
	Sub-total of A	2	37,735 + 2,800	81,070.00
				81,070.00



(B) MAINTANENCE UPTO 10 YRS

Sl. No	Particulars	Area(in Ha)	Rate (Rs/Ha)	Amount (in rupees)
(a)	1st Yr. Maint. (Two Weeding operation)	2	10,847	21,694
(b)	2 nd & 3 rd Yr. Maint (Two Weeding Operation)	2	8,227	32,908
(c)	4 th , 5 th & 6 th Yr. Maint. (One weeding Operation)	2	4,360	26,160
(d)	7 th , 8 th , 9 th , & 10 th Yr. Maint. (One weeding Operation)	2	3,182	25,456
	Sub-total of B			1,06,218.00

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

Sl. No	Particulars	Area	Rate (Rs/Km)	Amount (in rupees)
1.	Soil & Moisture Conservation Work	1 Ha	54,770 + 1,400	56,170.00
2.	Dry Stone Wall Fencing	1 Km	9,54,600	9,54,600.00
	Sub-total of C			10,10,770.00
	Total of (A+B+C)			11,98,058.00

(D) OVERHEAD / MONITORING & EVALUATION/CONTINGENCIES

Sl. No.	Particulars	Total Amount (A+B+C)	Rate(in % of total)	Amount (in rupees)
I	Office expenses, Stationery ,TA/DA, Repair of Vehicle, computer etc (5% of total cost)	11,98,058	5	59,903.00
ii	Monitoring & Evaluation inspection of works (2% of the total cost)	11,98,058	2	23,961.00
iii	Contingencies, cost of escalation and other unforeseen expenditure (4% of the total cost)	11,98,058	4	47,922.00
	Sub-total of D			1,31,786.00
	Grand Total (A+B+C+D)			13,29,844.00

Total Cost of Compensatory Afforestation Scheme = **13, 29,844.00**

(Rupees Thirteen Lakhs Twenty Nine Thousand Eight Hundred Forty Four) only

Technical sanction approval is
accorded to the estimate for
Compensatory Afforestation

Scheme of Rs. 13, 29, 844.00

Rupees thirteen lakhs twenty nine thousand
eight hundred forty four only.)

(Tenzing Norbu Bhutia), SFS
Divisional Forest Officer
West Territorial Division

**DFO (T)
WEST**