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**Office of the Divisional Forest Officer (Territorial)
Forest, Environment and Wildlife Management Department
Namchi, South Division.**

Ref. No:- 04/GOS/FEWMD/DFO(T)South/

Dt: 1/7/2015

COMPENSATORY AFFORESTATION SCHEME

NAME OF PROJECT: Construction of 2 lane Melli – Manpur - Namchi Road (32 Km) in South Sikkim by Roads & Bridges Department, Govt. Of Sikkim.

INTRODUCTION:

Roads & Bridges Dept. Govt. Of Sikkim has put forward the proposal for diversion of 0.5521 Ha of Forest and construction of 2 lane Melli – Manpur - Namchi Road (32 Km) in South Sikkim by Roads & Bridges 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	Range	Division	Pltn. Area (Ha)	No. Of seedlings	SMC Area (Ha)	Live Hedge fencing Length (Km)	Remarks
1	Gom Khola	Melli	South W/L	2 Ha	2200	.5Ha	1	

2. METHODOLOGY OF WORK EXECUTION :

- i. Block Plantation: An integrated approach with plantation and soil moisture conservation work in compact area is proposed. The spacing maybe 2m x 2m with pit size of 45 cm x 45 cm depending upon the actual condition.
- ii. Fencing & Protection: The area proposed for plantation shall be demarcated by stone wall fencing to minimise the biotic interference from cattle and other for the better survival and establishment. Also, the watch and ward maybe engaged as and

where protection and other plantation related work as well as for extension.

- 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 timber, firewood and fodder species eg, (Sal, Chilauney, Barra, Lasuney, Sinduray, etc.)
- v. Soil & Moisture Conservation
Soil & moisture Conservation work over 25% of the total area to be covered by plantation is proposed. Small engineering works with vegetative measures would be taken up.
- vi. Executing Agency :
South Wildlife Division may execute the work under the supervision of state FCA Cell.
- vii. Schedule :
Schedule of execution maybe in the year 2016- 2017 subject to availability of fund in time from the User Agency.
- viii. Monitoring & Evaluation
Forest, Environment & Wildlife Management Department, Govt. Of Sikkim and the Regional Office, MoEF, Govt. Of India shall take up the monitoring & evaluation of works.


 Divisional Forest Officer (T)
 South Division, Namchi

Cost Structure & Financial forecast / Management plan against 471 trees & poles to be removed in 0.8538 Ha of forest land in Kitam Bird Sanctuary, South Sikkim by Dept. of Roads & Bridges, South Sikkim.

(A) ADVANCE WORK & CREATION

Sl. No	Particulars	Area (ha/km)	Rate (Rs./ha)	Amount (in rupees)
1	Cost of block plantation (all complete)	2	37,730	75460
2	Soil & Moisture Conservation (by biological measure) 25% of the plantation area	0.5	45,931	22965.5
3	Live Hedge Fencing	1	45,627	45627
4	Sub - total of A			144052.5

(B) MAINTENANCE UPTO 3 YEARS

Sl. No.	Particulars	Area (in ha)	Rate (Rs/ha)	Amount (in rupees)
i	1st year maintenance of plantation	2	6196	12392
i	2nd year maintenance of plantation	2	3947	7894
i	3rd year maintenance of plantation	2	3001	6002
i	4th year maintenance of plantation	2	3001	6002
i	5th year maintenance of plantation	2	1697	3394
i	6th year maintenance of plantation	2	1697	3394
i	7th year maintenance of plantation	2	1697	3394
i	8th year maintenance of plantation	2	1697	3394
i	9th year maintenance of plantation	2	1697	3394
i	10th year maintenance of plantation	2	1697	3394
i	1st year maintenance of live hedge fencing	1	3001	3001
i	2nd year maintenance of live hedge fencing	1	1697	1697
i	3rd year maintenance of live hedge fencing	1	1697	1697
	Sub-total of B			59049
	Total (A+B)			203101.5

(C) OVERHEAD/MONITORING & EVALUATION/CONTINGENCIES

Sl. No.	Particulars	Amount (A+B)	Rate /ha (in % of total)	Amount (in rupees)
i	Office Expenses, Stationery, TA/DA, Repair of Vehicle type writer / computer etc (5% of total)	203101.5	5	10155.075
ii	Monitoring & Evaluation inspection of works (2% of the total cost (A+B))	203101.5	2	4062.03
iii	Contingencies, cost of escalation and other unforeseen expenditure (4% of the total cost (A+B))	203101.5	4	8124.06
iv	Sub- total of C			22341.165
v	Grand Total (A+B+C)			225442.665

Total Cost : Rs. 225443/-

(Rupees Two Lakh Twenty Five Thousand Four Hundred and Forty Three Only)

(Signature)
Tilak Kr. Mukhia, SFS
ACF Wild Life, KBS
South Namchi

(Signature)
Divisional Forest Officer (I)
South Division, Namchi