



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

Ref. No:- 24 /GOS/FEWMD/DFO(T)South/

Dt: 03/02/2016

COMPENSATORY AFFORESTATION SCHEME

NAME OF PROJECT:

Augmentation of water supply to Majhitar from Bharey Khola RF in South Sikkim by Water Security & Public Health Engineering Dept. Govt. Of Sikkim.

INTRODUCTION:

Water Security & Public Health Engineering Dept. Govt. Of Sikkim has put forward the proposal for diversion of 0.818 Ha of Forest land for Augmentation of water supply to Majhitar from Bharey Khola RF in South 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.

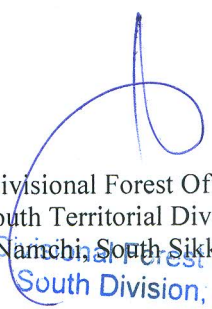
1. SELECTION OF SITE/LOCATION FOR COMPENSATORY AFFORESTATION

Sl. No	Location	Range	Division	Pltn. Area (Ha)	No. Of seedlings	SMC Area (Ha)	Stone wall fencing Length (Km)	Remarks
1	Mazitar Rf	Melli	South	2 Ha	2200	.50 Ha	.5 km	

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 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 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 Territorial Division may execute the work under the supervision of state FCA Cell.
- vii. Schedule :
Schedule of execution maybe in the year 2015- 2016 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
South Territorial Division
Namchi, South Sikkim
Divisional Forest Officer (T)
South Division, Namchi

Cost Structure & Financial forecast / Management plan against 08 nos of trees to be removed for Proposal for diversion of 0.818 Ha of Forest land for Augmentation of water supply to Majhitar from Bharey Khola RF in 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	Dry Stone wall fencing	1	741,651	741651
4	Cost of growing seedling including the cost of nursery inputs etc. (complete)	1	434,234	434234
4	Sub - Total of A			1274310.5

(B) MAINTENANCE UPTO 3 YEARS

Sl. No.	Particulars	Area (in ha)	Rate (Rs/ha)	Amount (in rupees)
i	2nd year maintenance of plantation	2	6196	12392
ii	3rd year maintenance of plantation	2	3947	7894
iii	4th year maintenance of plantation	2	3001	6002
iv	5th year maintenance of plantation	2	3001	6002
v	6th year maintenance of plantation	2	1697	3394
vi	7th year maintenance of plantation	2	1697	3394
vii	8th year maintenance of plantation	2	1697	3394
viii	9th year maintenance of plantation	2	1697	3394
ix	10th year maintenance of plantation	2	1697	3394
x	Maintenance of Dry Stone Wall (10% of cost)	74165.1	1	74165.1
	Sub-total of B			123425.1
	Total (A+B)			1397735.6

(C) OVERHEAD/MONITORING & EVALUATION/CONTINGENCIES

Sl. No.	Particulars	Total 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	1397735.6	5	69886.78
ii	Monitoring & Evaluation inspection of works (2% of the total cost (A+B)	1397735.6	2	27954.712
iii	Contingencies, cost of escalation and other unforeseen expenditure (4% of the total cost (A+B)	1397735.6	4	55909.424
iv	Sub- total of C			153750.916
v	Grand Total (A+B+C)			1551486.516

Total Cost : Rs. 15,51,486.5/-

(Rupees Fifteen Lakhs Fifty One Thousand Four Hundred and Eighty Six Only)

Range Officer (T)
Melli Range

ACF (T)
Namchi, South Sikkim
Asstt. Conservator of Forest (T)
South Division, Namchi

DFO (T)
South Territorial
Divisional Forest Officer (T)
South Division, Namchi