

Compensatory Afforestation in respect of diversion of 0.10033 ha of Forest land for the construction of PMGSY road from SPWD Road to Dipawalitar upper Tumin via Ramakrishna Mandir in East District, Government of Sikkim.

1. INTRODUCTION: -

Rural Development Department, Govt of Sikkim has proposed for diversion of 0.10033 ha of Forest land for the construction of PMGSY road from SPWD Road to Dipawalitar upper Tumin via Ramakrishna Mandir in East District, Government of Sikkim.

The Forest land involved is **0.10033 ha** and the stipulation would be double the area proposed for diversion i.e. **0.20066 ha**.

The Ministry of Environment & Forest, Govt. of India has prescribed the following guidelines For diversion: -

- i. In all cases the legal status of forest land shall remain unchanged.
- ii. User agency would have to pay the cost of compensatory afforestation to the State Forest Department.

2. Selection of site / location: -

Sl. No	Location	Range	Compensatory Afforestation (in Ha)	Nos of seedlings to be planted	Stone Wall Fencing	SMC	Division	Remarks
1	Tumin Khasmal	Gangtok (T)	0.10033 Ha	221No.	0.5km	0.5km	East (T) Division	Compensatory Afforestation will be taken up at Tumin Khasmal under Gangtok (T) Range.

3. INTEGRATED PROGRAMME / METHODOLOGY OF WORKS FOR EXECUTION.

- i. **Seedling Requirement:** The requirement of seedlings may be met from the existing Nurseries of the Department on payment basis as per the approved rates. The existing nurseries will have to be provided with the seeds of mixed species including the cost of nursery implements used.
- ii. **Choice of species:** Mixed plantation of site-specific species shall be done.
- iii. **Executing Agency:** The works under the Scheme shall be executed by the of Forest, Environment & Wildlife Management Department, Government of Sikkim through East Territorial Division and Forest (Conservation) Act, 1980 Cell as per the approval of the Government.
- iv. **Monitoring & Evaluation:** All the activities under the Scheme may be monitored by a committee constituted for the purpose, Nodal Officer, Forest (Conservation) Act, 1980 and the representative from Ministry of Environment & Forests, Government of India concurrently and regularly.

Cont/-

3. Cost Structure and Financial Forecast:

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Block Plantation (Artificial Regeneration)

Sl. No.	Particulars	Area (in ha/Km)	Rate (in Rs./ha)	Amount (in Rs)
i (a)	Creation of Block Plantation (including casualty replacement and weeding during the planting year)	0.20066	37735	7572
i (b)	Carriage of Seedlings	0.20066	2100	421
ii	Providing and Laying Dry stone wall fencing as per direction including carriage of stones up to worksite (in 10% of the total plantation area)	0.048	954600	45821
iii	Soil and Moisture Conservation work through vegetative measures (in 25% of total Plantation area) ha	0.050165	54770	2748
	Sub-Total (A)			56562

(B) Maintainance upto 10 th Year

Sl. No.	Particulars	Area (in ha/Km)	Rate (in Rs./ha)	Amount (in Rs)
(i)	1st year maintenance of the Block Plantation	0.20066	10847	2176.55902
(ii)	2nd year maintenance of the Block Plantation	0.20066	8227	1650.82982
(iii)	3rd year maintenance of the Block Plantation	0.20066	8227	1650.82982
(iv)	4th year maintenance of the Block Plantation	0.20066	4360	874.8776
(v)	5th year maintenance of the Block Plantation	0.20066	4360	874.8776
(vi)	6th year maintenance of the Block Plantation	0.20066	4360	874.8776
(vii)	7th year maintenance of the Block Plantation	0.20066	3182	638.50012
(viii)	8th year maintenance of the Block Plantation	0.20066	3182	638.50012
(ix)	9th year maintenance of the Block Plantation	0.20066	3182	638.50012
(x)	10th year maintenance of the Block Plantation	0.20066	3182	638.50012
(xi)	Maintenance of dry stone wall for next 4 years (10% of the cos	45821	10%	4582.1
	Sub- Total (B)			15238.952
	Sub- Total (A+B)			71800.95

(C) Overhead Expenses/ monitoring and evaluation and contingencies

Sl. No.	Particulars	Total Amount	Rate (in %)	Amount (in Rs)
i	Maintenance of Vehicle, unforeseen expenses, Furnishing of FCA/GIS Cell pertain to ETD prepration of Plantation Journal etc @ 5 % of the total cost	71800.9519	5%	3590.0476
ii	Monitoring and Evaluation of scheme by the senior officials @2% of the total cost	71800.9519	2%	1436.01904
iii	Contingencies, Cost of escalation, supplementary works and other unforeseen expenditure @4% of the total cost	71800.9519	4%	2872.03808
	Sub Total (C)			7898
	Grand Total (A+B+C)			79699

(Rupees Seventy nine thousand six hundred ninety nine) only

The above proposal is based on the SOR-2020. Fresh activities and in case of any upward revision of the rates in wages, the above Compensatory Afforestation Scheme shall be revised as per the revised rate of the State Government , for which the project authorities will have tot bear the additional amount.

The above amount shall be paid and transferred by the User Agency to the Department of Forests, Environment and Wildlife Management, Government of Sikkim for the implementation of the scheme against the project.

Divisional Forest Officer
East Territorial Division.
FEWMD

Assistant Conservator of Forest
East Territorial Division.
Deptt. of Forests & Environment
Govt. of Sikkim

D. M. Gamm

Technical sanction approval is
accorded to the estimate for
Compensatory Afforestation
Scheme of Rs. 796,99-1