

Compensatory Afforestation in respect of diversion of 0.4305 ha of Forest land for construction of Lingdok 9th Mile to Dikchu Bazar at Lingdokin East District, Government of Sikkim.

1. INTRODUCTION: -

Rural Development Department, Govt of Sikkim has proposed for diversion of 0.4305 ha of Forest land for construction of Lingdok 9th Mile to Dikchu Bazar at Lingdokin East District, Government of Sikkim.

The Forest land involved is **0.4305 ha** and the stipulation would be double the area proposed for diversion i.e. **0.861ha**.

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 RF	Gangtok (T)	0.86 Ha	947No.	0.5km	0.5km	East (T) Division	Compensatory Afforestation will be taken up at Tumin RF 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, 19 and the representative from Ministry of Environment & Forests, Government of India concurrently and regularly.

Cont/-

3. Cost Structure and Financial Forecast:

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)	0.861	37735	32490
i (b)	Carriage of Seedlings	0.861	2100	1808
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	0.21525	54770	11789
	Sub-Total (A)			91908

(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	0.861	10847	9339.267
(ii)	2nd year maintenance of the Block Plantation	0.861	8227	7083.447
(iii)	3rd year maintenance of the Block Plantation	0.861	8227	7083.447
(iv)	4th year maintenance of the Block Plantation	0.861	4360	3753.96
(v)	5th year maintenance of the Block Plantation	0.861	4360	3753.96
(vi)	6th year maintenance of the Block Plantation	0.861	4360	3753.96
(vii)	7th year maintenance of the Block Plantation	0.861	3182	2739.702
(viii)	8th year maintenance of the Block Plantation	0.861	3182	2739.702
(ix)	9th year maintenance of the Block Plantation	0.861	3182	2739.702
(x)	10th year maintenance of the Block Plantation	0.861	3182	2739.702
(xi)	Maintenance of dry stone wall for next 4 years (10% of the cos	45821	10%	4582.1
	Sub- Total (B)			50308.949
	Sub- Total (A+B)			142216.95

(C) Overhead Expenses/ monitoring and evaluation and contingencies

Sl. No.	Particulars	Total Amount	Rate (in %)	Amount (in Rs)
i	Maintenance of Vehicle, unforeseen expences, Furnishing of FCA/GIS Cell pertain to ETD prepration of Plantation Journal etc @ 5 % of the total cost	142216.949	5%	7110.84745
ii	Monitoring and Evaluation of scheme by the senior officials @2% of the total cost	142216.949	2%	2844.33898
iii	Contingencies, Cost of escalation, supplementary works and other unforeseen expenditure @4% of the total cost	142216.949	4%	5688.67796
	Sub Total (C)			15644
	Grand Total (A+B+C)			157861

(Rupees One lakhs fifty seven thousand eight hundred sixtyone) 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 transfered 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
Gangtok

D. N. Nand

Technical sanction/approval is
accorded to the estimate for
Compensatory Afforestation
Scheme of Rs. 157861/-

one lakhs fifty seven thousand eight hundred
Sintyone only.

Sl. No.	Location	Compensatory Afforestation (Ha)	Loss of seedlings to be planted	Stone Well	SAC	Division	Remarks
1	Tamiraparani	0.5211	0.5211	0.5211	0.5211	East (T)	Compensatory Afforestation not taken up at Tamiraparani District (T) Range.

PROCEDURE FOR SANCTIONING COMPENSATORY AFFORESTATION

1. The requirement of seedlings may be met from the existing nursery of the Department or payment may be made to the approved contractor. The contractor must have to be provided with the seeds of mixed species including the cost of nursery, transportation, etc.
2. Choice of species / mixed plantation of site specific species shall be done.
3. Existing Agency: The works under the SAC shall be done by the Forest Department & Wildlife Management Department. The contractor shall be approved by the Forest Department and District (Revenue) Department.
4. Monitoring & Evaluation: All the works under the SAC shall be monitored by a committee constituted by the Forest Department, District (Revenue) Department, the representative from the District (Revenue) Department & the Forest Department.