

Compensatory Afforestation in respect of diversion of 0.1502 ha of Forest land for construction of road from NH10 near Andheri Bridge to Samdur village at Samdur in East District, Government of Sikkim.

1. INTRODUCTION:-

Roads and Bridges Department has proposed for diversion of 0.1502 ha of Forest land for construction of road from NH10 near Andheri Bridge to Samdur village at Samdur in East District, Government of Sikkim

The Forest land involved is **0.1502 ha** and the stipulation would be double the area proposed for diversion i.e. **0.1502 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	Namli Sinking Zone	Ranipool (T)	0.3004 Ha	330No.	1km	0.5ha	East (T) Division	Compensatory Afforestation will be taken up at Namli Sinking Zone under Ranipool (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.

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3. Cost Structure and Financial Forecast:

(A) 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)	0.3004	37735	11336
i (b)	Carriage of Seedlings	0.3004	2100	631
ii	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	0.0751	54770	4113
	Sub-Total (A)			61901

(B) Maintenance 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	0.3004	10847	3258.4388
(ii)	2nd year maintenance of the Block Plantation	0.3004	8227	2471.3908
(iii)	3rd year maintenance of the Block Plantation	0.3004	5719	1717.9876
(iv)	4th year maintenance of the Block Plantation	0.3004	4360	1309.744
(v)	5th year maintenance of the Block Plantation	0.3004	4360	1309.744
(vi)	6th year maintenance of the Block Plantation	0.3004	4360	1309.744
(vii)	7th year maintenance of the Block Plantation	0.3004	3182	955.8728
(viii)	8th year maintenance of the Block Plantation	0.3004	3182	955.8728
(ix)	9th year maintenance of the Block Plantation	0.3004	3182	955.8728
(x)	10th year maintenance of the Block Plantation	0.3004	3182	955.8728
(xi)	Maintenance of dry stone wall for next 4 years (10% of the cost)	45821	10%	4582.1
	Sub- Total (B)			19782.640
	Sub- Total (A+B)			81683.64

(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 Cell pertain to ETD prepration of Plantation Journal etc @ 5 % of the total cost	81683.6404	5%	4084.18202
ii	Monitoring and Evaluation of scheme by the senior officials @2% of the total cost	81683.6404	2%	1633.67281
iii	Contingencies, Cost of escalation, supplementary works and other unforeseen expenditure @4% of the total cost	81683.6404	4%	3267.34562
	Sub Total (C)			8985
	Grand Total (A+B+C)			90669

(Rupees Ninety thousand six hundred sixtynine) only

The above proposal is based on the SOR-2013. 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.

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