

**Compensatory Afforestation in respect of diversion of 0.6949 ha. Forest land for construction of road from Singlaybong to Bagheykhola NH10 via L Singlaybong Toribari in Rangpo (T) Block in East Sikkim.**

**INTRODUCTION:-**

Shri. M Shahid PCE-cum-Secretary, Roads and Bridges Department, Government of Sikkim, Nirman Bhawan, Gangtok, has proposed for diversion of 0.6949 ha. Forest land for construction of road from Singlaybong to Bagheykhola NH10 via L Singlaybong Toribari in Rangpo (T) Block in East Sikkim.

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.

**1. Selection of site / location:-**

Sl. No	Location	Range	Compensatory Afforestation (in Ha)	No. of Mixed saplings to be planted	SMC (in ha)	Stone Wall Fencing	Division
1	Tumlabong RF	Singtam (T)	=1.38 ha	15180Nos.	0.345ha	0.48 km	East (T) Division

**2. 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 sitespecific 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:

#### (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)	1.38	37735	52074
i (b)	Carriage of Seedlings	1.38	2100	2898
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	0.345	54770	18896
	<b>Sub-Total (A)</b>			<b>119689</b>

#### (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	1.38	10847	14968.86
(ii)	2nd year maintenance of the Block Plantation	1.38	8227	11353.26
(iii)	3rd year maintenance of the Block Plantation	1.38	5719	7892.22
(iv)	4th year maintenance of the Block Plantation	1.38	4360	6016.8
(v)	5th year maintenance of the Block Plantation	1.38	4360	6016.8
(vi)	6th year maintenance of the Block Plantation	1.38	4360	6016.8
(vii)	7th year maintenance of the Block Plantation	1.38	3182	4391.16
(viii)	8th year maintenance of the Block Plantation	1.38	3182	4391.16
(ix)	9th year maintenance of the Block Plantation	1.38	3182	4391.16
(x)	10th year maintenance of the Block Plantation	1.38	3182	4391.16
(xi)	Maintenance of dry stone wall for next 4 years (10% of the cost)	45821	10%	4582.1
	<b>Sub- Total (B)</b>			<b>74411.480</b>
	<b>Sub- Total (A+B)</b>			<b>194100.48</b>

#### (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	194100.48	5%	9705.024
ii	Monitoring and Evaluation of scheme by the senior officials @2% of the total cost	194100.48	2%	3882.0096
iii	Contingencies, Cost of escalation, supplementary works and other unforeseen expenditure @4% of the total cost	194100.48	4%	7764.0192
	<b>Sub Total (C)</b>			<b>21351</b>
	<b>Grand Total (A+B+C)</b>			<b>215452</b>

(Rupees two lakhs fifteen thousand four hundred fifty two) 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 to 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  
Teritorial Division  
East District

Arup J. Baniya SFS  
Assistant Conservator of Forest  
East Territorial Division  
Forest Env. & Wildlife Mangt. Deptt.  
Govt. of Sikkim