Compensatory Afforestation in respect of diversion of 0.186 Ha of Forest land for construction of road from Singleybong to Bagey khola NH-10 via Lower Singleybong Toribari simalitar (2 km) in Rangpo (T) Block in East District.

#### 1. INTRODUCTION:-

Roads and Bridges Department has proposed for diversion of 0.186 Ha of Forest land for construction of road from Singleybong to Bagey khola NH-10 via Lower Singleybong Toribari simalitar (2 km) in Rangpo (T) Block in East District.

The Forest land involved is **0.186** and the stipulation would be double the area proposed for diversion i.e. **0.186** ha.

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

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:-

SI. No	Locatio n	Range	Compensatory Afforestation (in Ha)	Nos of seedlings to be planted	Stone Wall Fencing	SMC	Division	Remarks
1	Dikling RF	Singtam (T)	0.372 Ha	409 No.	1km	0.5ha	East (T) Division	Compensatory Afforestation will be taken up at
							Dikling RF under Singtam(T) Range.	

# 3. <u>INTEGRATED PROGRAMME / METHODOLOGY OF WORKS FOR EXECUTION.</u>

- 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.
- **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, 19and the representative from Ministry of Environment & Forests, Government of India concurrently and regularly.

#### 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)	0.372	37735	14037
i (b)	Carriage of Seedlings	0.372	2100	781
ii	including carriage of stones up to worksite (in 10% of the total plantation area)	0.048	954600	45821
	Soil and Moisture Conservation work through vegetative measures (in 25% of total Plantation area) ha	0.093	54770	5094
	Sub-Total (A)			65733

#### (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	0.372	10847	4035.084
(ii)	2nd year maintenance of the Block Plantation	0.372	8227	3060.444
(iii)	3rd year maintenance of the Block Plantation	0.372 5719		2127.468
	4th year maintenance of the Block Plantation	0.372	4360	1621.92 1621.92 1621.92
	5th year maintenance of the Block Plantation	0.372	4360	
	6th year maintenance of the Block Plantation	0.372	4360	
vii)	7th year maintenance of the Block Plantation	0.372	3182	1183.704
VIII	8th year maintenance of the Block Plantation	0.372	3182	1183.704
	9th year maintenance of the Block Plantation	0.372	3182	1183.704
	10th year maintenance of the Block Plantation	0.372	3182	1183,704
(xi)	Maintenance of dry stone wall for next 4 years (10% of the cos	45821	10%	4582.1
	Sub- Total (B)			23405.672
	Sub- Total (A+B)			89138.67

## (C) Overhead Expences/ monitoring and evaluation and contingencies

SI. 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	89138.672	5%	4456.9336
ii	Monitoring and Evaluation of scheme by the senior officials @2% of the total cost	89138.672	2%	1782.77344
iii	Contingencies, Cost of escalation, supplementary works and other unforeseen expenditure @4% of the total cost	89138.672	4%	3565.54688
	Sub Total (C)		· ·	9805
	Grand Total (A+B+C)			98944

### (Rupees Ninety eight thousand nine hundred fortyfour ) 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 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 Divisional

Covernment of Sikkim

Assistant Conserctor of Forest Assistant Conserctorial Division. East Territorial Division

Forest Env. & Wildlife Mangt. Dept