

Compensatory Afforestation in respect of diversion of 0.1582 ha of Forest Land for construction of link road to dumping yard Sivok- Rangpo New BG Rail Line Project in East District, Govt of Sikkim

1. INTRODUCTION:-

Indian Railways has proposed for diversion of 0.1582 ha of Forest Land for construction of link road to dumping yard Sivok- Rangpo New BG Rail Line Project in East District, Government of Sikkim.

The Forest land involved is **0.1582 ha** and the stipulation would be double the area proposed for diversion i.e **0.1582 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	Sitey RF	Singtam (T)	0.3164 Ha	348 No.	1km	0.5ha	East (T) Division	Compensatory Afforestation will be taken up at Sitey RF under Singtam (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)	0.3164	37735	11939
i (b)	Carriage of Seedlings	0.3164	2100	664
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	0.0791	54770	4332
	Sub-Total (A)			62756

(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	0.3164	10847	3431.9908
(ii)	2nd year maintenance of the Block Plantation	0.3164	8227	2603.0228
(iii)	3rd year maintenance of the Block Plantation	0.3164	5719	1809.4916
(iv)	4th year maintenance of the Block Plantation	0.3164	4360	1379.504
(v)	5th year maintenance of the Block Plantation	0.3164	4360	1379.504
(vi)	6th year maintenance of the Block Plantation	0.3164	4360	1379.504
(vii)	7th year maintenance of the Block Plantation	0.3164	3182	1006.7848
(viii)	8th year maintenance of the Block Plantation	0.3164	3182	1006.7848
(ix)	9th year maintenance of the Block Plantation	0.3164	3182	1006.7848
(x)	10th year maintenance of the Block Plantation	0.3164	3182	1006.7848
(xi)	Maintenance of dry stone wall for next 4 years (10% of the cos	45821	10%	4582.1
	Sub- Total (B)			20592.256
	Sub- Total (A+B)			83348.26

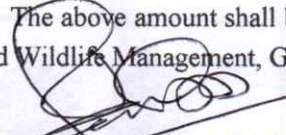
(C) Overhead Expences/ monitoring and evaluation and contingencies

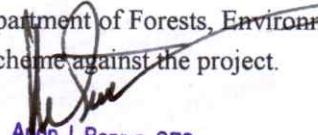
Sl. No.	Particulars	Total Amount	Rate (in %)	Amount (in Rs)
i	Maintenance of Vehicle, unforeseen expences, Furnishing of FCA Cell pertain to ETD prepration of Plantation Journal etc @ 5 % of the total cost	83348.2564	5%	4167.41282
ii	Monitoring and Evaluation of scheme by the senior officials @2% of the total cost	83348.2564	2%	1666.96513
iii	Contingencies, Cost of escalation, supplementary works and other unforeseen expenditure @4% of the total cost	83348.2564	4%	3333.93026
	Sub Total (C)			9168
	Grand Total (A+B+C)			92517

(Rupees Ninetytwo thousand five hunderd seventeen) 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.


Divisional Forest Officer,
East (T) Division
FEWMD


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