

50

Compensatory Afforestation in respect of diversion of 5.0112 ha of Forest land for construction , Rehabilitation and upgrading to 2 lane with paved shoulders configuration of section from Rongli to Roleph (length of project km 20+340 to 37+600) section of NH-717B in East District, Government of Sikkim.

1. INTRODUCTION: -

National highways & infrastructure Development Corporation Limited, Govt of India has proposed for diversion of 5.0112 ha of Forest land for construction, Rehabilitation and upgrading to 2 lane with paved shoulders configuration of section from Rongli to Roleph (length of project km 20+340 to 37+600) section of NH-717B in East District, Government of Sikkim.

The Forest land involved is **5.0112 ha** and the stipulation would be double the area proposed for diversion i.e. **5.0112 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	Sudonglakha RF	Rongli (T)	5.0112 Ha	5512 No.	1km	1km	East (T) Division	Compensatory Afforestation will be taken up at Sudonglakha RF under Rongli (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.

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)	5.0112	37735	189098
i (b)	Carriage of Seedlings	5.0112	2100	10524
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	1.2528	54770	68616
	Sub-Total (A)			314059

(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	5.0112	10847	54356.4864
(ii)	2nd year maintenance of the Block Plantation	5.0112	8227	41227.1424
(iii)	3rd year maintenance of the Block Plantation	5.0112	8227	41227.1424
(iv)	4th year maintenance of the Block Plantation	5.0112	4360	21848.832
(v)	5th year maintenance of the Block Plantation	5.0112	4360	21848.832
(vi)	6th year maintenance of the Block Plantation	5.0112	4360	21848.832
(vii)	7th year maintenance of the Block Plantation	5.0112	3182	15945.6384
(viii)	8th year maintenance of the Block Plantation	5.0112	3182	15945.6384
(ix)	9th year maintenance of the Block Plantation	5.0112	3182	15945.6384
(x)	10th year maintenance of the Block Plantation	5.0112	3182	15945.6384
(xi)	Maintenance of dry stone wall for next 4 years (10% of the cos	45821	10%	4582.1
	Sub- Total (B)			270721.921
	Sub- Total (A+B)			584780.92

(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	584780.921	5%	29239.046
ii	Monitoring and Evaluation of scheme by the senior officials @2% of the total cost	584780.921	2%	11695.6184
iii	Contingencies, Cost of escalation, supplementary works and other unforeseen expenditure @4% of the total cost	584780.921	4%	23391.2368
	Sub Total (C)			64326
	Grand Total (A+B+C)			649107

(Rupees Six lakhs forty nine thousand one hundred seven) 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

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

P.T.O.

Technical sanction/approval is
accorded to the estimate for
Compensatory Afforestation
Scheme of Rs. 6,49,107.00


D. Manjunatha, IFS
CF-cum-Nodal Officer (FCA)
Forests & Env. Deptt.
Govt. of Sikkim, Gangtok