

Compensatory Afforestation Scheme in respect of diversion of 6.303ha of Forest land for improvement of road Rorathang-Rangpo from existing CI-9 Road (District Road) to National Highway Double Lane (NHDL) specification in East District of Sikkim by 87 RCC (GREF), C/o 99 APO.

1. INTRODUCTION:-

Shri.Rajesh Kr.Joshi, Major Officer Commanding, 87 RCC (GREF), C/o 99 APO has proposed for diversion of 6.303ha of Forest land for improvement of road Rorathang-Rangpo from existing CI-9 Road (District Road) to National Highway Double Lane (NHDL) specification in East District of 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.
- iii. The compensatory afforestation for avenue plantation shall be raised over an area of 1km of forest land to make good any loss of forest and also to maintain the ecological balance in the locality.

2. Selection of site / location:-

Sl. No	Location	Range	Pltn. area (ha)	Nos of seedlings to be planted	SMC (in ha)	Stone Wall Fencing (km)	Division	Remarks
1	Sang RF	Singtam (T)	6.303 ha	7000 nos	1.50	1	East (T) Division	Afforestation with mixed seedlings will be carried out in the degraded land of Sang RF.

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.

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- 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.

4. Cost structure & financial forecast/work programme.

(A) Advance work & creation

Sl.No.	Particulars	Area (ha)	Rate (Rs./ha) LA	Amount (In rupees)
(i)	Cost of Block Plantation (including seedlings for casualty filling and weeding during the planting year)	6.303 ha	37,730	2,37,812
(ii)	Stone Wall Fencing	1km.	7,41,651	7,41,651
(iii)	Soil and moisture conservation work through vegetative measures (in 25% of total plantation area)	1.50ha.	45,931	68,896
Sub-total - A				10,48,359

(B) Maintenance for 10 year

Sl. No.	Particulars	Area (ha)	Rate (Rs./ha)		Amount (In rupees)
(i)	2 nd year maintenance (two weeding)	6.303ha	2	6,196	78,107
(ii)	3 rd year maintenance (one weeding)	6.303ha	1	3,942	24,846
(iii)	4 th year maintenance (one weeding)	6.303ha	1	3,001	18,915
(iv)	5 th year maintenance (one weeding)	6.303ha	1	3,001	18,915
(v)	6 th year maintenance (one weeding)	6.303ha	1	1,697	10,696
(vi)	7 th year maintenance (one weeding)	6.303ha	1	1,697	10,696
(vii)	8 th year maintenance (one weeding)	6.303ha	1	1,697	10,696
(viii)	9 th year maintenance (one weeding)	6.303ha	1	1,697	10,696
(ix)	10 th year maintenance (one weeding)	6.303ha	1	1,697	10,696
Sub-total – B					1,94,263
Total (A+B)					12,42,622

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(C) Over Head/Monitoring & Evaluation/Contingencies


Sl. No.	Particulars	Area (ha)	Amount (Rs./ha)	Amount (In rupees)
(i)	Maintenance of Vehicle, unforeseen exp. Furnishing of FCA Cell pertain to NTD preparation of Journal etc @ 5% of the total cost.	5%	12,42,622	62,131
(ii)	Monitoring & evaluation Inspection of works by Senior Officers of the Department of Forest @ 2% of the total cost.	2%	12,42,622	24,852
(iii)	Contingencies Cost of escalation, supplementary works and other unforeseen expenditure @ 4% of the total cost.	4%	12,42,622	49,705
(iv)	Add 15% increase cost on SOR	15%	12,42,622	1,86,393
Sub-total - C				3,23,081
Grant Total (A+B+C)				15,65,703

(Rupees fifteen lakhs sixty five thousand seven hundred three) 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 Forest, Environment & Wildlife Management, and Government of Sikkim for the implementation of the scheme against the project.


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