

Avenue Plantation in respect of diversion of 0.0816 ha of Forest land for construction of approach road to 66KV Kumrek Sub-Division in East District of Sikkim by Energy & Power Department, Government of Sikkim.

1. INTRODUCTION:-

Shri.Sangay P.Kazi, Chief Engineer, Energy & Power Department, Government of Sikkim has proposed for diversion of 0.0816 ha of Forest land for construction of approach road to 66KV Kumrek Sub-Division in East District of Sikkim. The forest land involved is 0.0816 ha and the stipulation would be double the area proposed for diversion i.e. **0.1632ha.**

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	Avenue Pltn. with bamboo (basket) tree guard (in km)	Nos of seedlings to be planted	Division	Remarks
1	Bhasmey Road.	Singtam (T)	0.50km	250nos	East (T) Division	Avenue plantation will be done at 4 th Mile Bhasmey Road.

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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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 Avenue Plantation with Bamboo (basket) tree guard (including seedlings for casualty filling and weeding during the planting year)	0.50	60,858	30,429
(v)	Watch & Ward for protection of Avenue plantation for one year.	365mandays	220	80,300
Sub-total - A				1,10,729

(B) Maintenance for 10 year

Sl. No.	Particulars	Area (km)	Rate (Rs./km)		Amount (In rupees)
(i)	2 nd year maintenance (two weeding)	0.50 ha	2	3,750	3,750
(ii)	3 rd year maintenance (one weeding)	0.50 ha	1	2,500	1,250
(iii)	4 th year maintenance (one weeding)	0.50 ha	1	2,500	1,250
(iv)	5 th year maintenance (one weeding)	0.50 ha	1	2,500	1,250
(v)	6 th year maintenance (one weeding)	0.50 ha	1	2,500	1,250
(vi)	7 th year maintenance (one weeding)	0.50 ha	1	2,500	1,250
(vii)	8 th year maintenance (one weeding)	0.50 ha	1	2,500	1,250
(viii)	9 th year maintenance (one weeding)	0.50 ha	1	2,500	1,250
(ix)	10 th year maintenance (one weeding)	0.50 ha	1	2,500	1,250
Sub-total – B					13,750
Total (A+B)					1,24,479

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(C) Over Head/Monitoring & Evaluation/Contingencies

Sl. No.	Particulars	Area (ha)	C	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%	On C	6,224
(ii)	Monitoring & evaluation Inspection of works by Senior Officers of the Department of Forest @ 2% of the total cost.	2%	On C	2,489
(iii)	Contingencies Cost of escalation, supplementary works and other unforeseen expenditure @ 4% of the total cost.	4%	On C	4,979
(iv)	Add 15% increase cost on SOR	15%	On C	18,672
Sub-total - C				32,364
Grant Total (A+B+C)				1,56,843

(Rupees one lakh fifty six thousand eight hundred forty 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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