

Avenue Plantation in respect of diversion of 0.9955 ha of Forest land for construction of 2 Lane Highway from Adampool to Ranka Sichey in East District of Sikkim by Roads & Bridges Department, Government of Sikkim.

1. INTRODUCTION:-

PCE-cum-Secretary, Roads & Bridges Department, Government of Sikkim has proposed for diversion of 0.9955 ha of Forest land for construction of 2 Lane Highway from Adampool to Ranka Sichey in East District of Sikkim. The forest land involved is 0.9955 ha and the stipulation would be double the area proposed for diversion i.e. **1.991ha**.

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	Gangtok-Ranka Road, Lower Sichey	Gangtok (T)	=0.50km =0.05ha	250nos	East (T) Division	Avenue plantation will be done at Gangtok-Ranka Road, Lower Sichey.

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)	0.05 ha	60,858	3043/-
(v)	Watch & Ward for protection of Avenue plantation for one year.	365mandays	220	80,300/-
Sub-total - A				83,343/-

(B) Maintenance for 10 year

Sl. No.	Particulars	Area (ha)	Rate (Rs./km)		Amount (In rupees)
(i)	2 nd year maintenance (two weeding)	0.05 ha	2	3,750	375/-
(ii)	3 rd year maintenance (one weeding)	0.05 ha	1	2,500	125/-
(iii)	4 th year maintenance (one weeding)	0.05 ha	1	2,500	125/-
(iv)	5 th year maintenance (one weeding)	0.05 ha	1	2,500	125/-
(v)	6 th year maintenance (one weeding)	0.05 ha	1	2,500	125/-
(vi)	7 th year maintenance (one weeding)	0.05 ha	1	2,500	125/-
(vii)	8 th year maintenance (one weeding)	0.05 ha	1	2,500	125/-
(viii)	9 th year maintenance (one weeding)	0.05 ha	1	2,500	125/-
(ix)	10 th year maintenance (one weeding)	0.05ha	1	2,500	125/-
Sub-total - B					1,375/-
Total (A+B)					84,718/-

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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	4,236/-
(ii)	Monitoring & evaluation Inspection of works by Senior Officers of the Department of Forest @ 2% of the total cost.	2%	On C	1,694/-
(iii)	Contingencies Cost of escalation, supplementary works and other unforeseen expenditure @ 4% of the total cost.	4%	On C	3,389/-
(iv)	Add 15% increase cost on SOR	15%	On C	12,708/-
Sub-total - C				22,027/-
Grant Total (A+B+C)				1,06,745/-


(Rupees one lakh six thousand seven hundred forty five) 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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