

**Avenue Plantation in respect of diversion of 0.37ha of Forest land for construction of 2 Lane road from Singtam-Tarku-Rabongla-Legship-Gyalshing (Section Singtam to Kewzing) NH-510 in Phase-A by National Highway & Infrastructure Development Corporation Ltd. (NHIDCL).**

**1. INTRODUCTION:-**

General Manager (Project) National Highway & Infrastructure Development Corporation Ltd. (NHIDCL) has proposed for diversion of 0.37ha of Forest land for construction of 2 Lane Road from Singtam-Tarku-Rabongla-Legship-Gyalshing (Section Singtam to Kewzing) NH-510 in Phase-A. The forest land involved is 0.37 ha falls under Bordang RF and the stipulation would be double the area proposed for diversion i.e. 0.74 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.
- iii. The compensatory afforestation for avenue plantation shall be raised over an area of 0.5km of forest land to make good any loss of forest and also to maintain the ecological balance in the locality.

**2. LOCATIONS / SITES FOR COMPENSATORY (AVENUE) AFFORESTATION:-**

Sl. No.	Location	Avenue Pltn. with bamboo (basket) tree guard (in km)	Nos of seedlings to be planted	Range
1	Avenue Plantation with bamboo (basket)/tree guard will be carried out at Central Pendam-Duga Road.	0.5km	250nos.	Singtam (T)

**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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**FINANCIAL FORECAST & BUDGETING / ESTIMATION:-**

**(I). Cost of Avenue Plantation**

Sl. No.	Particulars	Area (Km)	Rate (Rs./km)	Amount (In rupees)
1	Cost of plantation of 250nos of trees (basket), tree guards.	0.5	60858	30429
TOTAL -A				30429

**(II). Maintenance for 10 year**

Sl. No.	Particulars	Area (km)	Rate (Rs./km)		Amount (In rupees)
(i)	2 <sup>nd</sup> year maintenance (two weeding)	0.5	2	3750	3750
(ii)	3 <sup>rd</sup> year maintenance (one weeding)	0.5	1	2500	1250
(iii)	4 <sup>th</sup> year maintenance ( one weeding)	0.5	1	2500	1250
(iv)	5 <sup>th</sup> year maintenance (one weeding)	0.5	1	2500	1250
(v)	6 <sup>th</sup> year maintenance (one weeding)	0.5	1	2500	1250
(vi)	7 <sup>th</sup> year maintenance (one weeding)	0.5	1	2500	1250
(vii)	8 <sup>th</sup> year maintenance (one weeding)	0.5	1	2500	1250
(viii)	9 <sup>th</sup> year maintenance (one weeding)	0.5	1	2500	1250
(ix)	10 <sup>th</sup> year maintenance (one weeding)	0.5	1	2500	1250
Total – B					13750
Total (A+B)					44179

Cont/-




(C) Over Head/Office Expenses/Monitoring & Evaluation/Contingencies

Sl. No.	Particulars	Area (Km)	Rs.	Amount (In rupees)
(i)	Overhead/Office Expenses, Stationary, Vehicle repair/maintenance of Computer/Xerox/fax/type writer etc. @ 5% of the above.	5%	44179	2209
(ii)	Monitoring & evaluation @ 2% of the above.	2%	44179	883
(iii)	Contingencies @ 4% of the above	4%	44179	1767
(iv)	Add 15% increase cost on SOR	15%	44179	6627
Total - C				11486
Grant Total (A+B+C)				55665

(Rupees fifty five thousand six hundred sixty 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 (Avenue) Plantation 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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