

COMPENSATORY AFFORESTATION SCHEME

1. INTRODUCTION:

Shri Dinesh Kharel Addl. Chief Engineer, Energy & Power Department, Govt. of Sikkim has proposed for Diversion of 0.3996 Ha of Forest land for Construction of LILO of 132kV Rangit-Melli Transmission Line at LegshipPool Sub-station under Comprehensive Scheme for Strengthening of Transmission Line under South District of Sikkim. The Forest land involved is 0.3996 Ha and the stipulation would be double the area proposed for diversion that is .8 Ha. The Ministry of Environment & Forest, Govt of Sikkim 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)	No. of Mixed Saplings to be planted	SMC (in Ha)	Live Hedge Fencing Length (Km)	Division	Remarks
1.	Tingmo Khasmal	Ravongla	.8 Ha	8800	.4	.5	South	

3. Integrated Programme / Methodology of Work for Execution:

- i. **Seedling requirement:**
The requirement of seedling maybe made from existing nurseries of the department on payment basis as per approved rates. The existing nursery of department on payment basis as per 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 Forest, Environment & Wildlife Management Department, Govt. of Sikkim through South Territorial Division and Forest 9Conservation) Act 1980 Cell as per the approval of the Govt.
- iv. **Monitoring & Evaluation:**
All the activities under the scheme maybe monitored by a committee constituted for the purpose, Nodal Officer, Forest (Conservation) Act 1980 & the representative of the Ministry of Environment & forest, Govt. of India Concurrently and regularly.

Cost Structure & Financial forecast / Work Programme					
(A) ADVANCE WORK & CREATION					
Sl. No	Particulars	Unit	Area (ha/km)	Rate (Rs./ha)	Amount (in rupees)
1	Creation of Block Plantation	Ha	0.8	37,735	30188.00
2	Carriage of Seedlings	Ha	0.8	2,200	1760.00
3	Live hedge fencing at vulnerable points	Ha	0.8	45,627	36501.60
4	Soil & Moisture Conservation Work (25% of total Plantation area)	Ha	0.2	54,770	10954.00
	Sub - Total of A				79,403.60

(B) MAINTENANCE UPTO 10 YEARS					
Sl. No.	Particulars	Unit	Area (in ha)	Rate (Rs/ha)	Amount (in rupees)
i	1st year weeding (two weeding)	Ha	0.8	10847	8677.6
ii	2nd year weeding (two weeding)	Ha	0.8	8227	6581.6
iii	3rdst year weeding (two weeding)	Ha	0.8	8227	6581.6
iv	4th year weeding (one weeding)	Ha	0.8	4360	3488
v	5th year weeding (one weeding)	Ha	0.8	4360	3488
vi	6th year weeding one weeding)	Ha	0.8	4360	3488
vii	7th year weeding (one weeding)	Ha	0.8	3182	2545.6
viii	8th year weeding (one weeding)	Ha	0.8	3182	2545.6
ix	9th year weeding (one weeding)	Ha	0.8	3182	2545.6
	10th year weeding (one weeding)	Ha	0.8	3182	2545.6
					42487.2
	Sub Total (B)				1,21,890.80
	Total (A+B)			Say	1,21,891.00

(C) OVERHEAD/MONITORING & EVALUATION/CONTINGENCIES				
Sl. No.	Particulars	Area (ha)	Amount	Amount (in rupees)
i	Maintenance of Vehicle, unforeseen expenditure furnishing of FCA Cell pertain to NTD preparation of Journal etc @5% of the total cost.	5%	1,21,891.00	6094.55
ii	Monitoring & Evaluation inspection of works by Senior Officers of the Department of Forest @2% of the total cost.	2%	1,21,891.00	2437.82
iii	Contingencies, cost of escalation, supplementary works and other unforeseen expenditure @4% of the total cost.	4%	1,21,891.00	4875.64
iv	Add 15% increase cost on SOR			13408.01
	Sub total C			13408.00
			SAY	1,35,299.00
	Grand Total (A+B+C)			

Total Cost :

(Rupees One Lakh Thirty Five Thousand Two Hundred Ninety Nine)

The above proposal is based on the SOR -2013. Fresh activities and in case of any upward revision of he rates in wages of the above compensatory afforestation Scheme shall be revised as per the State Government for the project authorities will have to bear the additional amount. The above amount shall be paid and transferred by User Agency to the Department of Forest , Environment and Wildlife Management Department and Govt. of Sikkim for the implenation of the Scheme against the project.

Divisional Forest Officer (T)
South Sikkim, Namchi

Divisional Forest Officer (T)
South Division, Namchi