

**Office of the Divisional Forest Officer (Territorial)  
Forest, Environment and Wildlife Management Department  
Namchi, South Division**

Ref. No:- 2/GOS/FEWMD/DFO (T) South/ 1062

Dtd: 14/02/2019

**COMPENSATORY AFFORESTATION SCHEME**

**NAME OF PROJECT:** Proposal for diversion of 1.2078 Ha of Forest land for laying of 66 KV Double Circuit Samardong – Kumrek transmission Line.

**INTRODUCTION:**

Energy & Power Department, Govt. Of Sikkim has put forward the proposal for diversion of 1.2078 Ha of Forest land for laying of 66 KV Double Circuit Samardong – Kumrek transmission Line.

The Compensatory Afforestation Scheme over double the degraded area of forest land is proposed in order to compensate for the loss of forest land maintain an ecological balance in the area.

**1. SELECTION OF SITE/LOCATION FOR COMPENSATORY AFFORESTATION**

Sl. No	Location	Range	Division	Pltn. Area (Ha)	No. Of seedlings	SMC Area (Ha)	Live Hedge Fencing Length (Km)	Remarks
1	Tsalumthang RF	Namthang	South	2.42	2662	0.605	1	

**2. METHODOLOGY OF WORK EXECUTION :**

**i. Block Plantation :**

An integrated approach with plantation and soil moisture conservation work in compact area is proposed. The spacing maybe 2m x 2m with pit size of 45 cm x 45 cm depending upon the actual condition.



ii. **Fencing & Protection:**

The area proposed for plantation shall be demarcated by stone wall fencing to minimise the biotic interference from cattle and other for the better survival and establishment. Also, the watch and ward maybe engaged as and when required for protection and other plantation related work as well as for extension work.

iii. **Seedling requirement:**

The requirement of seedlings may be met from the existing nurseries of the Forest department on payment as per the basis approved rates or other sources (if the former option is not available).

iv. **Choice of species :**

Mixed plantation of site specific timber, firewood and fodder species eg, ( *Shorea robusta*, *schima wallichii*, *Albizia procera* etc. )

v. **Soil & Moisture Conservation**

Soil & moisture Conservation work over 25% of the total area to be covered by plantation is proposed. Small engineering works with vegetative measures would be taken up.

vi. **Executing Agency :**

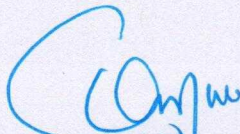
South Territorial Division may execute the work under the supervision of state FCA Cell.

vii. **Schedule :**

Schedule of execution maybe in the year 2019- 2020 subject to availability of fund in time from the User Agency.

viii. **Monitoring & Evaluation**

Forest, Environment & Wildlife Management Department, Govt. Of Sikkim and the Regional Office, MoEF, Govt. Of India shall take up the monitoring & evaluation of works.

  
Divisional Forest Officer (T)  
South Division, Namchi



Cost Structure & Financial forecast / Management plan against the trees to be removed along the Diversion of 1.2078 Ha of Forest land for Construction of 66 KV / DC Samardong to Kumrek TL by Energy & Power Dept, Govt of Sikkim in South Sikkim

**(A) ADVANCE WORK & CREATION**

Sl. No	Particulars	Area (ha/km)	Rate (Rs./ha)	Amount (in rupees)
1	Cost of block plantation (all complete)	2.4	37,735	90564
2	Soil & Moisture Conservation (by biological measure ) 25% of the plantation area	0.6	45,931	27558.6
3	Live hedge fencing at vulnerable points	1	45,627	45627
4	<b>Sub - total of A</b>			<b>163749.6</b>

**(B) MAINTENANCE UPTO 6 YEARS**

Sl. No	Particulars	Area (in ha)	Rate (Rs/ha)	Amount (in rupees)
i	1st year maintenance of plantation	2.4	6196	14870.4
ii	2nd year maintenance of plantation	2.4	3947	9472.8
iii	3rd year maintenance of plantation	2.4	3001	7202.4
iv	4th year maintenance of plantation	2.4	3001	7202.4
v	5th year maintenance of plantation	2.4	3001	7202.4
vi	6th year maintenance of plantation	2.4	3001	7202.4
vii	1st year maintenance of live hedge fencing (10% of the cost )	1	4563	4563
viii	2nd year maintenance of live hedge fencing (10% of the cost )	1	4563	4563
ix	3rd year maintenance of live hedge fencing (10% of the cost )	1	4563	4563
	<b>Sub-total of B</b>			<b>66841.8</b>
	<b>Total (A+B)</b>			<b>230591.4</b>

**(C) OVERHEAD/MONITORING & EVALUATION/CONTINGENCIES**

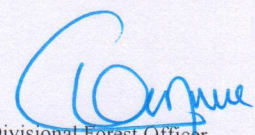
Sl. No.	Particulars	Total Amount (A+B)	Rate /ha ( in % of total)	Amount (in rupees)
i	Office Expenses, Stationery , TA/DA, Repair of Vehicle type writer / computer etc (5% of total	230591.4	5	11529.57
ii	Monitoring & Evaluation inspection of works (2% of the total cost (A+B)	230591.4	2	4611.828
iii	Contingencies, cost of escalation and other unforeseen expenditure (4% of the total cost (A+B)	230591.4	4	9223.656
iv	<b>Sub- total of C</b>			<b>25365.054</b>
v	<b>Grand Total (A+B+C)</b>			<b>255956.454</b>

Total Rs. 2,55,956 /-

( Rupees Two Lakhs Fifty Five Thousand Nine Hundred and Fifty Six only )

Range Officer (T)  
Namthang Range

Asst. Conservator of Forest (T)  
Namchi, South Sikkim

  
Divisional Forest Officer  
South Territorial Division  
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