



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

Ref. No:- 80 /GOS/FEWMD/DFO(T)South/

Dtd: 30/04/2019

COMPENSATORY AFFORESTATION SCHEME

NAME OF PROJECT: Proposal for diversion of 1.0 ha of forest land for construction of road from Melli Payong road to Yuksum Breweries Ltd. Melli in South Sikkim.

INTRODUCTION:

The Compensatory Afforestation Yuksum Breweries Ltd. Melli, South has put forward the proposal for diversion of 0.0565 ha of forest land for construction of road from Melli Payong road to Yuksum Breweries Ltd. Melli in South Sikkim.

Scheme over Single 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/Ha	SMC Area (Ha)	Live Hedge Fencing Length (Km)	Remarks
1	Melli RF	Melli	South	<u>1 Ha</u> 0.113	1100	<u>0.0283</u>	<u>0.067</u>	

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* 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
South Territorial Division
Divisional Forest Officer (T)
South Division, Namchi

4. Cost structure & financial forecast/Work Programme

(A) Advance Work & creation

Sl.No.	Particulars	Unit	Area (Ha)	Rate (Rs./Ha)	Amount
(i)/a	Creation of Block plantation	Ha	0.113	37,735	4,264
(i)/b	Carriage of seedlings	Ha	1 0.113	2,100	237
(ii)	Stone Wall Fencing	Km	0.0283	9,54,600	27,015
Sub-Total - (A)					31,517

37,735/-
2100/-
39,835/-

(B) Maintenance for 10 years

Sl.No.	Particulars	Unit	Area (Ha)	Rate (Rs./Ha)	Amount
(i)	1st Year weeding (two weeding)	Ha.	1 0.113	10,847	1,226
(ii)	2nd Year weeding (two weeding)	Ha.	1 0.113	8,227	930
(iii)	3rd Year weeding (two weeding)	Ha.	1 0.113	8,227	930
(iv)	4th Year weeding (one weeding)	Ha.	1 0.113	4,360	493
(v)	5th Year weeding (one weeding)	Ha.	1 0.113	4,360	493
(vi)	6th Year weeding (one weeding)	Ha.	1 0.113	4,360	493
(vii)	7th Year weeding (one weeding)	Ha.	1 0.113	3,182	360
(viii)	8th Year weeding (one weeding)	Ha.	1 0.113	3,182	360
(ix)	9th Year weeding (one weeding)	Ha.	1 0.113	3,182	360
(x)	10th Year weeding (one weeding)	Ha.	1 0.113	3,182	360
Sub-Total (B)					6,001
Total (A + B)					37,518

21,694/-
16,454/-
16,454/-
4,360/-
4,360/-
4,360/-
3,182/-
3,182/-
3,182/-
3,182/-
89,410/-
1,20,245/-

Contd...p/3

(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)	37,578.00 13224	5	1,876 661
ii	Monitoring & Evaluation inspection of works (2% of the total cost (A+B))	37,578 13224	2	750 264
iii	Contingencies, cost of escalation and other unforeseen expenditure (4% of the total cost (A+B))	37,578 13224	4	1500 529
iv	Sub- total of C			4,126 1455
v	Grand Total (A+B+C)			4,644 14678

Total Cost : 14,678/-
(Rupees fourteen thousand six hundred seventy eight)

1,24,371/- (Rupees one lakh twenty four thousand three hundred & seventy one) only

41,644/- (Rupees forty one thousand six hundred & forty four) only.


Range Officer (T)
Melli Range
Melli Range
Dept. of Forest Env. & W/L Mangt.
Govt. of Sikkim

ACF (T)
Namchi, South Sikkim


DFO
South Territorial
Divisional Forest Officer (T)
South Division, Namchi

Technical sanction/approval is
accorded to the estimate for
Compensatory Afforestation
Scheme of Rs. 41,644/-

1,24,371/-