

Compensatory Afforestation in respect of diversion of 0.4908 ha of forest land for construction of RCR from Sakyong PWD to Tintek Chisopani Dokey goan by RM&DD , Government of Sikkim in East District.

1. INTRODUCTION:-

Rural Management and Development Department has proposed for diversion of 0.4908 ha of forest land for construction of RCR from Sakyong PWD to Tintek Chisopani Dokey goan in East Sikkim by RM&DD , Government of Sikkim in East District .

The Forest land involved is 0.4908 ha and the stipulation would be double the area proposed for diversion i.e. **0.981 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.

2. Selection of site / location:-

Sl. No	Location	Range	Compensatory Afforestation (in Ha)	Nos of seedlings to be planted	Stone Wall Fencing	SMC	Division	Remarks
1	Tinek RF	Singtam (T)	0.981 Ha	1079 No.	1km	0.5ha	East (T) Division	Compensatory Afforestation will be taken up at Tinek RF under Singtam(T) Range.

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.

Cont/-

Cost Structure and Financial Forecast:

(A) Block Plantation (Artificial Regeneration)

Sl. No.	Particulars	Area (in ha/Km)	Rate (in Rs./ha)	Amount (in Rs)
i (a)	Creation of Block Plantation (including casualty replacement and weeding during the planting year)	0.981	37735	37018
i (b)	Carriage of Seedlings	0.981	2100	2060
ii	Providing and Laying Dry stone wall fencing as per direction including carriage of stones up to worksite (in 10% of the total plantation area)	0.048	954600	45821
iii	Soil and Moisture Conservation work through vegetative measures (in 25% of total Plantation area) ha	0.24525	54770	13432
	Sub-Total (A)			98331

(B) Maintanance upto 10 th Year

Sl. No.	Particulars	Area (in ha/Km)	Rate (in Rs./ha)	Amount (in Rs)
(i)	1st year maintenance of the Block Plantation	0.981	10847	10640.907
(ii)	2nd year maintenance of the Block Plantation	0.981	8227	8070.687
(iii)	3rd year maintenance of the Block Plantation	0.981	8227	8070.687
(iv)	4th year maintenance of the Block Plantation	0.981	4360	4277.16
(v)	5th year maintenance of the Block Plantation	0.981	4360	4277.16
(vi)	6th year maintenance of the Block Plantation	0.981	4360	4277.16
(vii)	7th year maintenance of the Block Plantation	0.981	3182	3121.542
(viii)	8th year maintenance of the Block Plantation	0.981	3182	3121.542
(ix)	9th year maintenance of the Block Plantation	0.981	3182	3121.542
(x)	10th year maintenance of the Block Plantation	0.981	3182	3121.542
(xi)	Maintenance of dry stone wall for next 4 years (10% of the cost)	45821	10%	4582.1
	Sub- Total (B)			56682.029
	Sub- Total (A+B)			155013.03

(C) Overhead Expences/ monitoring and evaluation and contingencies

Sl. No.	Particulars	Total Amount	Rate (in %)	Amount (in Rs)
i	Maintenance of Vehicle, unforeseen expences, Furnishing of FCA/GIS Cell pertain to ETD prepration of Plantation Journal etc @ 5 % of the total cost	155013.029	5%	7750.65145
ii	Monitoring and Evaluation of scheme by the senior officials @2% of the total cost	155013.029	2%	3100.26058
iii	Contingencies, Cost of escalation, supplementary works and other unforeseen expenditure @4% of the total cost	155013.029	4%	6200.52116
	Sub Total (C)			17051
	Grand Total (A+B+C)			172064

(Rupees One lakhs seventy two thousand sixtyfour) only

The above proposal is based on the SOR-2020. 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 tot bear the additional amount.

The above amount shall be paid and transfered by the User Agency to the Department of Forests, Environment and Wildlife Management, Government of Sikkim for the implementation of the scheme against the project.

[Signature]
Divisional Forest Officer
East (T) Division
FEWMD

[Signature]
Anup J. Baniva, SES
Assistant Conservator of Forest
East Territorial Division
Forest Env. & Wildlife Mangt. Deptt.
Govt. of Sikkim.

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(A) Block Plantation (Artificial Regeneration)

Sl. No.	Particulars	Area (ha)	Rate (Rs/ha)	Amount (Rs)
i	1st year maintenance of the Block Plantation (including casual replacement and weeding during the planning year)	0.981	37735	37018
ii	2nd year maintenance of the Block Plantation	0.981		
iii	3rd year maintenance of the Block Plantation	0.981		
iv	4th year maintenance of the Block Plantation	0.981		
v	5th year maintenance of the Block Plantation	0.981		
vi	6th year maintenance of the Block Plantation	0.981		
vii	7th year maintenance of the Block Plantation	0.981		
viii	8th year maintenance of the Block Plantation	0.981		
ix	9th year maintenance of the Block Plantation	0.981		
x	10th year maintenance of the Block Plantation	0.981		
xi	11th year maintenance of the Block Plantation	0.981		
Sub-Total (A)				37018

Technical sanction/approval is
accorded to the estimate for
Compensatory Afforestation
Scheme of Rs. 1,720,64/-

(B) Maintenance upto 10th Year

Sl. No.	Particulars	Area (ha)	Rate (Rs/ha)	Amount (Rs)
i	1st year maintenance of the Block Plantation	0.981	10844	10640.97
ii	2nd year maintenance of the Block Plantation	0.981	8237	8070.87
iii	3rd year maintenance of the Block Plantation	0.981	8237	8070.87
iv	4th year maintenance of the Block Plantation	0.981	4300	4237.16
v	5th year maintenance of the Block Plantation	0.981	4300	4237.16
vi	6th year maintenance of the Block Plantation	0.981	4300	4237.16
vii	7th year maintenance of the Block Plantation	0.981	4300	4237.16
viii	8th year maintenance of the Block Plantation	0.981	4300	4237.16
ix	9th year maintenance of the Block Plantation	0.981	4300	4237.16
x	10th year maintenance of the Block Plantation	0.981	4300	4237.16
Sub-Total (B)				56682.05
Sub-Total (A+B)				125013.03

(C) Overhead Expenses, monitoring and evaluation and contingency

Sl. No.	Particulars	Total Amount	Rate (Rs)	Amount (Rs)
i	Maintenance of vehicle, uniform expenses, furnishing of ICA/GIS Cell permit to ICD plantation of Plasmone	125013.03	2%	2500.26
ii	Monitoring and evaluation of scheme by the senior officials (62% of the total cost)	125013.03	2%	2500.26
iii	Contingencies (Cost of essential supplementary works and other unforeseen expenditure (14% of the total cost)	125013.03	4%	5000.52
Sub-Total (C)				17001.04
Grand Total (A+B+C)				142014.07

(Rupees One lakh seventy two thousand six hundred and four only)

The above proposal is based on the GOR 2020 Fresh estimates 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 object authorities will order for the additional amount.

The above amount shall be paid and transferred by the State Agency to the Department of Forests, Environment and Wildlife Management, Government of Sikkim for the implementation of the scheme during the planning year.

For and on behalf of
Assistant Commissioner of Forests
East Sikkim Division
Forest Envt & Wildlife Management
Govt of Sikkim

FEWMD
East (T) Division
Divisional Forest Officer