

Compensatory Afforestation in respect of diversion of 0.0016ha of Forest land for installation of Automatic Data acquisition & Real Time Data Transmission System through Satellite for Snow Gauges & Rainfall Measurement at Kupup in East District, Government of Sikkim.

1. INTRODUCTION: -

Central Water Commission, Govt of Sikkim has proposed for diversion 0.0016ha of Forest land for installation of Automatic Data acquisition & Real Time Data Transmission System through Satellite for Snow Gauges & Rainfall Measurement at Kupup in East District of Sikkim.

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	Latui RF	Kyongnosla (T)	1.0 Ha	1100No.	0.1km	0.25ha	East (T) Division	Compensatory Afforestation will be taken up at Latui RF under Kyongnosla (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 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, 19 and the representative from Ministry of Environment & Forests, Government of India concurrently and regularly.

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3. 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)	1	37735	37735
i (b)	Carriage of Seedlings	1	2100	2100
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)	0.1	954600	95460
iii	Soil and Moisture Conservation work through vegetative measures (in 25% of total Plantation area) ha	0.25	54770	13693
	Sub-Total (A)			148988

(B) Maintenance 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	1	10847	10847
(ii)	2nd year maintenance of the Block Plantation	1	8227	8227
(iii)	3rd year maintenance of the Block Plantation	1	8227	8227
(iv)	4th year maintenance of the Block Plantation	1	4360	4360
(v)	5th year maintenance of the Block Plantation	1	4360	4360
(vi)	6th year maintenance of the Block Plantation	1	4360	4360
(vii)	7th year maintenance of the Block Plantation	1	3182	3182
(viii)	8th year maintenance of the Block Plantation	1	3182	3182
(ix)	9th year maintenance of the Block Plantation	1	3182	3182
(x)	10th year maintenance of the Block Plantation	1	3182	3182
(xi)	Maintenance of dry stone wall for next 4 years (10% of the cost)	95460	10%	9546
	Sub- Total (B)			62655.000
	Sub- Total (A+B)			211643.00

(C) Overhead Expenses/ monitoring and evaluation and contingencies

Sl. No.	Particulars	Total Amount	Rate (in %)	Amount (in Rs)
i	Maintenance of Vehicle, unforeseen expenses, Furnishing of FCA/GIS Cell pertain to ETD preparation of Plantation Journal etc @ 5 % of the total cost	211643	5%	10582.15
ii	Monitoring and Evaluation of scheme by the senior officials @2% of the total cost	211643	2%	4232.86
iii	Contingencies, Cost of escalation, supplementary works and other unforeseen expenditure @4% of the total cost	211643	4%	8465.72
	Sub Total (C)			23281
	Grand Total (A+B+C)			234924

(Rupees Two lakhs thirty four thousand nine hundred twentyfour) 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 to bear the additional amount.

The above amount shall be paid and transferred 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.

Divisional Forest Officer,
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