

COMPENSATORY AFFORESTATION SCHEME

NAME OF PROJECT: Compensatory Afforestation Scheme in respect of diversion of 26.8 ha (16.4 ha in RF/Khasmal/river Reserve + 10.427 Ha in buffer & transition zone of KNP) of forest land for laying of 220 KV D/C Singhik-Chungthang Transmission Line under CSSTDS in Mangan District by Power Department, Govt. of Sikkim

1. **INTRODUCTION:** Power Department, Govt. of Sikkim has proposed for diversion of 26.8 ha (16.4 ha in RF/Khasmal/river Reserve + 10.427 Ha in buffer & transition zone of KNP) of forest land for laying of 220 KV D/C Singhik-Chungthang Transmission Line under CSSTDS in Mangan District of Sikkim.

The forest land involved is **26.8 ha** and the stipulation would be double the area proposed for diversion i.e **53.68 ha**

The Ministry of Environment & Forest, Govt. of India has prescribed the following guidelines for diversion:

- In all cases the legal status of forest land shall remain unchanged.
- User agency would have to pay the cost of Compensatory Afforestation to the State Forest Department.

2. SELECTION OF SITE/LOCATION FOR COMPENSATORY AFFORESTATION

Sl. No	Location	Range	Compensatory Afforestation (in Ha)	Nos of seedlings to be planted	Division	SMC
1	Phodong RF	Mangan (T)	9.4 ha	10340 Nos	Mangan (T) Division	27 Ha
2	Chungthang RF	Chungthang (T)	26.52 ha	29172 Nos		
			10 ha	11000 Nos		
			7.76 ha	8536 Nos		
Total			53.68 Ha			

3. INTEGRATED PROGRAMME / METHODOLOGY OF WORK FOR EXECUTION

- The 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 indigenous fruit bearing and timber able species namely, *Magnolia lanuginosa*, *Quercus spp*, *Rhododendron spp*, *Schima wallichii*, *Duabanga grandiflora*, *Choero spondias axillaris*, *Exbucklandia populnae*, etc.
- III. **Time Scheduled:** Schedule of work maybe in the Financial Year 2023-2024 subject to availability of fund in time from the User Agency.
- IV. **Executing Agency:** The works under the Scheme shall be executed by the of Forest and Environment Department, Government of Sikkim through East Territorial Division and Forest (Conservation) Act, 1980 Cell as per the approval of the Government.
- V. **Monitoring and 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 and Forests, Government of India concurrently and regularly.

4. Revised Cost Structure & Financial Forecast for CA Scheme.

(A) Block Plantation (Artificial Regeneration)

Sl.No	Particular	Area (ha/km)	Rate	Amount
(i)(a)	Cost of Block Plantation (including casualty replacement and weeding during the planting year)	53.68	93,302.00	50,08,451.36
(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)	3.00	15,14,355.00	45,43,065.00
(iii)	Soil and Moisture Conservation work though vegetative measure ha	27	1,34,596.00	36,34,092.00
Sub-total-A				1,31,85,608.36

(B) Maintenance for 10 years

Sl.No.	Particulars	Area(ha)	Rate(Rs./Ha)		Amount (In rupees)
1	1st year maintenance	53.68	2	26,916.00	28,89,701.76
2	2nd year maintenance	53.68	2	20,468.00	21,97,444.48
3	3rd year maintenance	53.68	2	20,468.00	21,97,444.48
4	4th year maintenance	53.68	1	10,900.00	5,85,112.00
5	5th year maintenance	53.68	1	10,900.00	5,85,112.00
6	6th year maintenance	53.68	1	10,900.00	5,85,112.00
7	7th year maintenance	53.68	1	7,954.00	4,26,970.72
8	8th year maintenance	53.68	1	7,954.00	4,26,970.72

89

9	9th year maintenance	53.68	1	7,954.00	4,26,970.72
10	10th year maintenance	53.68	1	7,954.00	4,26,970.72
11	Maintenance of dry stone wall for next 4 years (10 % of the cost)	45,43,065		10%	4,54,306.50
Sub-total-B					1,12,02,116.10
Sub-total-(A+B)					2,43,87,724.46

(C) For Protection

Sl. NO	Particular	Rate (per day)	Amount
(i)	Engagement of Plantation Supervisor 2 Nos @520/day for 10 Years	520	37,96,000.00
Sub-total-(C)			37,96,000.00
Sub-total-(A+B+C)			2,81,83,724.46

(D) Over Head/monitoring & Evaluation/Contingencies

Sl.No	Particular	Area(ha)	Rate	Amount
1	Office expenses, stationery, TA/DA, repair of vehicles	5%	2,81,83,724	14,09,186
2	Monitoring & evaluation of scheme/project by the Central Government as well as by the State Government.	2%	2,81,83,724	5,63,674
3	Contingencies & unforeseen expenditure	4%	2,81,83,724	11,27,349
Sub-total-D				31,00,210
Grand Total (A+B+C+D)				3,12,83,934

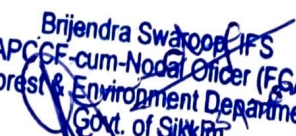
(Rupees three crore twelve lakhs eighty three thousand nine hundred and thirty four only)

The above proposal is based on the SOR-2018, duly incorporating the revised minimum rate of daily wages issued vide Govt. of Sikkim Notification No. 29/DL dated 14.09.2022.

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.


(Blen Tsh. Targain, SFS)
Joint Director (FCA)

Blen Tsh. Targain, SFS
Joint Director (FCA)
Forest & Environment Department
Govt. of Sikkim


Brijendra Swaroop, SFS
APCCF-cum-Nodal Officer (FCA)
Forest & Environment Department
Govt. of Sikkim

Technical sanction/approval is
accorded to the estimate for
Compensatory Afforestation

Scheme of Rs... 3,12,83,934/-


(Jigme Tsewang Sharngoe, SFS)
Divisional Forests Officer (FCA),

Jigme Tsewang Sharngoe, SFS
Divisional Forests Officer (FCA)
Forest & Environment Department
Govt. of Sikkim