

COMPENSATORY AFFORESTATION SCHEME

NAME OF PROJECT: Estimate for compensatory afforestation scheme for diversion of 0.0116 ha forest land for installation of automatic data acquisition and real time data transmission system through satellite for rainfall water level and snow measurement at 17 th mmile Katao, Gurudongmar Lake, Yumesamdong, Dombang, Thangu, Yumthang valley, Dombang Ziro, Lachung, Samdong, Zema and Lachen in North Sikkim By CWC, Government of India.

1. INTRODUCTION: The CWC Government of India has proposed diversion of 0.0116 ha forest land for installation of automatic data acquisition and real time data transmission system through satellite for rainfall water lecel and snow measurement at 17 th mmile Katao, Gurudongmar Lake, Yumesamdong, Dombang, Thangu, Yumthang valley, Dombang Ziro, Lachung, Samdong, Zema and Lachen in North Sikkim By CWC, Government of India.

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 FOR COMPENSATORY AFFORESTATION

Sl. No	Location	Range	Division	Compensatory Afforestation (in Ha)
1	Chaten Khas (RF)	Lachen (T)	Mangan (T) Division	0.5 Ha
2	Lachung (RF)	Lachung (T)	Mangan (T) Division	0.5 Ha
Total				0.1 Ha

3. INTEGRATED PROGRAMME / METHODOLOGY OF WORK 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 indigenous fruit bearing and timber able species namely, *Alnus nepalensis*, *Betula alnoides*, *Michelia excels*, *Magnolia lanuginosa*, *Quercus spp*, *Schima wallichii*, *Choero spondias axillaris*, etc.
- III. **Executing Agency:** the works under the Scheme shall be executed by the of Forest and Environment Department, Government of Sikkim through Mangan Territorial Division under Forest (Conservation) Act, 1980, as per the approval of the Government.

- IV. **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)	Cost of Block Plantation (including casualty replacement and weeding during the planting year)	0.1 or 100 no of plants	99,571.00	9,957.10
Sub-total-A				9,957.10

(B) Maintenance for 10 years

Sl.No.	Particulars	Area(ha)	Rate(Rs./Ha)		Amount (In rupees)
1	2nd year maintenance	0.1	2	20,546.00	4,109.20
2	3rd year maintenance	0.1	1	19,834.00	1,983.40
3	4th year maintenance	0.1	1	10,792.00	1,079.20
4	5th year maintenance	0.1	1	10,716.00	1,071.60
5	6th year maintenance	0.1	1	10,884.00	1,088.40
6	7th year maintenance	0.1	1	7,943.00	794.30
7	8th year maintenance	0.1	1	7,943.00	794.30
8	9th year maintenance	0.1	1	7,943.00	794.30
9	10th year maintenance	0.1	1	7,943.00	794.30
Sub-total-B					12,509.00
Sub-total-(A+B)					22,466.10

(C) Over Head/monitoring & Evaluation/Contingencies

Sl.No	Particular	Area(ha)	Rate	Amount
1	Office expenses, stationery, TA/DA, repair of vehicles	5%	22,466	1,123
2	Monitoring & evaluation of scheme/project by the Central Government as well as by the State Government.	2%	22,466	449
3	Contingencies & unforeseen expenditure	4%	22,466	899
Sub-total-C				2,471
Grand Total (A+B+C)				24,937

(Rupees thirty four thousand nine hundred and thirty seven only)

The above proposal is based on the SOR-2023, 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)

[Signature]
27/04/2023

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

Technical sanction/approval is
accorded to the estimate for
Compensatory Afforestation
scheme of Rs. 24,937/-