

**COMPENSATORY AFFORESTATION SCHEME**

**NAME OF PROJECT:** Compensatory Afforestation in respect of diversion of 0.11 ha of Forest land for laying of 66 KV Perbing to Sichey underground cable along with construction of protective step wall within Jhora Reserve in Gangtok Government of Sikkim

**INTRODUCTION:** Govt of Sikkim has proposed for diversion of 0.11 ha of forest land for laying of 66 KV Perbing to Sichey underground cable along with construction of protective step wall within Jhora Reserve in Gangtok Government 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.

**1. SELECTION OF SITE/LOCATION FOR COMPENSATORY AFFORESTATION**

Sl no	Location	Range	Compensatory Afforestation (in Ha)	Nos of seedlings to be planted	SMC	Division	Remarks
1	Bulbulay RF	Gangtok (T)	1 Ha	1100 Nos.	1 Ha	Gangtok (T) Division	Compensatory Afforestation will be taken up at Bulbulay RF under Gangtok (T) Range.

**2. 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 East Territorial Division and Forest (Conservation) Act, 1980 Cell 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.

### 3. Revised Cost Structure & Financial Forecast for CA Scheme.

#### (A) Block Plantation (Artificial Regeneration)

Sl. No	Particular	Area(ha)	Rate	Amount
(i) (a)	Cost of Block Plantation (including casualty replacement and weeding during the planting year)	1	62,201	62,201
(b)	Carriage of Seedling	1	3,500	3,500
(ii)	Soil and Moisture Conservation work through vegetative measure.	1	90,248	90,248
<b>Sub-total-A</b>				<b>1,55,949</b>

#### (B) Maintenance for 10 years

Sl. No.	Particulars	Area(ha)	Rate(Rs./Ha)		Amount (In rupees)
1	1st year maintenance (two weeding)	1	2	17,944	35,888
2	2nd year maintenance (two weeding)	1	2	13,645	27,290
3	3rd year maintenance (two weeding)	1	2	13,645	27,290
4	4th year maintenance (one weeding)	1	1	7,267	7,267
5	5th year maintenance (one weeding)	1	1	7,267	7,267
6	6th year maintenance (one weeding)	1	1	7,267	7,267
7	7th year maintenance (one weeding)	1	1	5,303	5,303
8	8th year maintenance (one weeding)	1	1	5,303	5,303
9	9th year maintenance (one weeding)	1	1	5,303	5,303
10	10th year maintenance (one weeding)	1	1	5,303	5,303
<b>Sub-total-B</b>					<b>1,33,481</b>
<b>Sub-total-(A+B)</b>					<b>2,89,430</b>

#### (C) Over Head/monitoring & Evaluation/Contingencies

Sl. No	Particular	Area(ha)	Rate	Amount
1	Maintenance of Vehicle, unforeseen expenses, furnishing of FCA/GIS Cell pertain to ETD preparation of Plantation Journal etc @ 5 % of the total cost	5%	2,89,430	14,472
2	Monitoring & Evaluation of scheme by the Senior officials @ 2% of the total cost.	2%	2,89,430	5,789




3	Contingencies, Cost of escalation, supplementary works and other unforeseen expenditure @ 4% of the total cost.	4%	2,89,430	11,577
Sub-total-C				31,837
Grand Total (A+B+C)				3,21,267


**(Rupees Three lakhs Twenty one thousand two hundred and sixty seven) 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)

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

  
Technical sanction/approval is  
accorded to the estimate for  
Compensatory Afforestation  
scheme of Rs. 3,21,267/-