

## COMPENSATORY AFFORESTATION SCHEME

**NAME OF PROJECT:** Compensatory Afforestation in respect of diversion of 0.2340 ha of Forest land for construction new link road from Durga Mandir to Kamrang college job (A) at Dhambudara Namchi South Sikkim by Smart City Namchi under Namchi Municipal Council.

**Area of project need diversion-**0.2340

**1. INTRODUCTION:** Proposal pertains to compensatory Afforestation Scheme in respect of Diversion of 0.2340 ha of Forest land for construction new link road from Durga Mandir to Kamrang college job (A) at Dhambudara Namchi South Sikkim by Smart City Namchi under Namchi Municipal Council.

So, based on the rule, twice the area, i.e 0.2340 ha needs to be proposed for the raising compensatory afforestation i.e.,  $0.2340 \times 2 = 0.468$  ha, **Say: 0.50 ha** is proposed to make good the loss of forest and to maintain ecological balance in the area.

### **2. SELECTION OF SITE/LOCATION FOR COMPENSATORY AFFORESTATION**

Sl no	Location	Range	Plantation area (in Ha)	Nos of seedlings to be planted	SMC	Division
1	Terikhola Khasmal	Namchi (T)	0.5 Ha	550 No	0.125 Ha	Namchi (T) Division

### **3. INTEGRATED PROGRAMME / METHODOLOGY OF WORK EXECUTION**

- i. Block Plantation:** An integrated approach with plantation, Soil and Moisture Conservation and Protection work would be adopted on the degraded Forest land is proposed. The spacing may be 2m x 2m with pit size of 45 cm x 45 cm depending upon the actual ground condition having an average of 1000 nos. of seedling per hectare.
- ii. 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.
- iii. Choice of species:** Mixed plantation of site-specific species indigenous fruit bearing and timber able species namely, *Tectona grandis*, *Lagerstroemia Speciosa*, *Michelia champaca*, *Delinox regia*, *Jacaranda mimosifolia*, *Terminalia elliptica*, etc.
- iv. Soil and Moisture Conservation:** Soil and Moisture Conservation work over 25% of the area of entire under the scheme is proposed.



v. **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.

vi. **Time Schedule:** Schedule of work may be in the financial year 2021-22 subject to availability of fund in time from the User Agency.

vii. **Transfer of Fund:** the user agency shall transfer the fund to the department of Forest Environment & Wildlife Management of India in this respect

viii. **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)	0.5	62,201	31,101
I (b)	Carriage of Seedling	0.5	3,500	1,750
(iii)	Soil and Moisture Conservation work through vegetative measure (in 25% of total plantation area) ha	0.125	90,248	11,281
<b>Sub-total-A</b>				<b>44,132</b>

##### (B) Maintenance for 10 years

Sl.No.	Particulars	Area(ha)	Rate(Rs./Ha)		Amount (In rupees)
1	1st year maintenance (two weeding)	0.5	2	17,944	17,944
2	2nd year maintenance (two weeding)	0.5	2	13,645	13,645
3	3rd year maintenance (two weeding)	0.5	2	13,645	13,645
4	4th year maintenance (one weeding)	0.5	1	7,267	3,634
5	5th year maintenance (one weeding)	0.5	1	7,267	3,634
6	6th year maintenance (one weeding)	0.5	1	7,267	3,634
7	7th year maintenance (one weeding)	0.5	1	5,303	2,652
8	8th year maintenance (one weeding)	0.5	1	5,303	2,652
9	9th year maintenance (one weeding)	0.5	1	5,303	2,652
10	10th year maintenance (one weeding)	0.5	1	5,303	2,652
<b>Sub-total-B</b>					<b>66,741</b>
<b>Sub-total-(A+B)</b>					<b>1,10,872</b>



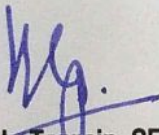
(C) Over Head/monitoring & Evaluation/Contingencies

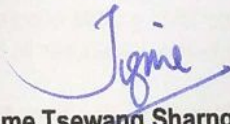
Sl.No	Particular	Area(ha)	Rate	Amount
1	Office expenses, stationery, TA/DA, repair of vehicles	5%	1,10,872	5,544
2	Monitoring & evaluation of scheme/project by the Central Government as well as by the State Government.	2%	1,10,872	2,217
3	Contingencies & unforeseen expenditure	4%	1,10,872	4,435
Sub-total-C				12,196
Grand Total (A+B+C)				1,23,068

(Rupees one lakhs twenty three thousand and sixty eight) 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... 1,23,068/-