

**Compensatory Afforestation in respect of diversion of 1.422 ha of Forest land for construction of 66 KV Double Circuit Transmission Line from Rorathang to Pakyong in East District of Sikkim by Energy and Power Department, Government of Sikkim.**

**1. INTRODUCTION:-**

Shri.Dinesh Kharel, Additional Chief Engineer, Energy and Power Department, Government of Sikkim has proposed for diversion of 1.422 ha of Forest land for construction of 66 KV Double Circuit Transmission Line from Rorathang to Pakyong in East District of Sikkim. The forest land involved is 1.422 ha and the stipulation would be double the area proposed for diversion i.e. **2.844 ha**.

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)	No. of Mixed saplings to be planted	SMC (in ha)	Stone wall Fencing	Division	Remarks
1	Chuba Khasmal	Pakyong (T)	=2.844 Ha	3128 nos.	0.5	1 km	East (T) Division	Compensatory Afforestation will be taken up at Chuba Khasmal.

**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 sitespecific species shall be done.
- iii. **Executing Agency:** The works under the Scheme shall be executed by the of Forest, Environment & Wildlife Management 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, 1980 and the representative from Ministry of Environment & Forests, Government of India concurrently and regularly.

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#### 4. Cost structure & financial forecast/work programme.

##### (A) Advance work & creation

Sl.No.	Particulars	Area (ha)	Rate (Rs./ha) LA	Amount (In rupees)
(i)	Cost of Block Plantation (including seedlings for casualty filling and weeding during the planting year)	2.844 ha	37,730	1,07,304/-
(ii)	Stone Wall Fencing	1km	7,41,651	7,41,651/-
(iii)	Soil and moisture conservation work through vegetative measures (in 25% of total plantation area)	0.5ha	45,931	22,965/-
<b>Sub-total - A</b>				<b>8,71,920/-</b>

##### (B) Maintenance for 10 year

Sl. No.	Particulars	Area (ha)	Rate (Rs./ha)		Amount (In rupees)
(i)	2 <sup>nd</sup> year maintenance (two weeding)	2.844 ha	2	6,196	35,243/-
(ii)	3 <sup>rd</sup> year maintenance (one weeding)	2.844 ha	1	3,942	11,211/-
(iii)	4 <sup>th</sup> year maintenance (one weeding)	2.844 ha	1	3,001	8,535/-
(iv)	5 <sup>th</sup> year maintenance (one weeding)	2.844 ha	1	3,001	8,535/-
(v)	6 <sup>th</sup> year maintenance (one weeding)	2.844 ha	1	1,697	4,826/-
(vi)	7 <sup>th</sup> year maintenance (one weeding)	2.844 ha	1	1,697	4,826/-
(vii)	8 <sup>th</sup> year maintenance (one weeding)	2.844 ha	1	1,697	4,826/-
(viii)	9 <sup>th</sup> year maintenance (one weeding)	2.844 ha	1	1,697	4,826/-
(ix)	10 <sup>th</sup> year maintenance (one weeding)	2.844 ha	1	1,697	4,826/-
<b>Sub-total - B</b>					<b>87,654/-</b>
<b>Total (A+B)</b>					<b>9,59,574/-</b>

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(C) Over Head/Monitoring & Evaluation/Contingencies

Sl. No.	Particulars	Area (ha)	Amount (Rs./ha)	Amount (In rupees)
(i)	Maintenance of Vehicle, unforeseen exp. Furnishing of FCA Cell pertain to NTD preparation of Journal etc @ 5% of the total cost.	5%	9,59,574/-	47,979/-
(ii)	Monitoring & evaluation Inspection of works by Senior Officers of the Department of Forest @ 2% of the total cost.	2%	9,59,574/-	19,191/-
(iii)	Contingencies Cost of escalation, supplementary works and other unforeseen expenditure @ 4% of the total cost.	4%	9,59,574/-	38,383/-
(iv)	Add 15% increase cost on SOR	15%	9,59,574/-	1,43,936/-
Sub-total - C				2,49,489/-
Grant Total (A+B+C)				12,09,063/-

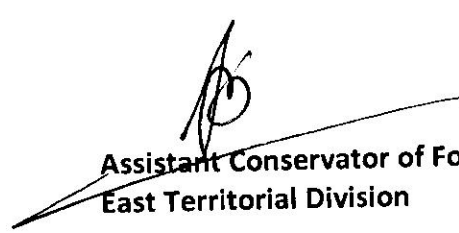
(Rupees twelve lakhs nine thousand sixty three) only.

The above proposal is based on the SOR – 2013. 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 Forest, Environment & Wildlife Management, and Government of Sikkim for the implementation of the scheme against the project.

  
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