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Compensatory Afforestation in respect of diversion of 0.0447 ha of Forest land for construction of 11 KV Feeders using 66 KV Towers within Khani RF & Rangpo Teesta Bagar in East District of Sikkim by Energy and Power Department, Government of Sikkim.

1. INTRODUCTION:-

Assistant Engineer (Elect), Energy and Power Department, Government of Sikkim has proposed for diversion of 0.0447 ha of Forest land for construction of 11 KV Feeders using 66 KV towers within Khani RF & Rangpo Teesta Bagar in East Distt. of Sikkim. The forest land involved is 0.0447 ha and the stipulation would be double the area proposed for diversion i.e. 0.0894 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	Zitlang Khasmal	Singtam (T)	=0.0894 Ha	98 nos.	0.5	1 km	East (T) Division	Compensatory Afforestation will be taken up at Zitlang 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.

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(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)	0.0894 ha	37,730	3,373/-
(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/-
Sub-total - A				7,67,989/-

(B) Maintenance for 10 year

Sl. No.	Particulars	Area (ha)	Rate (Rs./ha)		Amount (In rupees)
(i)	2 nd year maintenance (two weeding)	0.0894 ha	2	6,196	1,108/-
(ii)	3 rd year maintenance (one weeding)	0.0894 ha	1	3,942	352/-
(iii)	4 th year maintenance (one weeding)	0.0894 ha	1	3,001	268/-
(iv)	5 th year maintenance (one weeding)	0.0894 ha	1	3,001	268/-
(v)	6 th year maintenance (one weeding)	0.0894 ha	1	1,697	152/-
(vi)	7 th year maintenance (one weeding)	0.0894 ha	1	1,697	152/-
(vii)	8 th year maintenance (one weeding)	0.0894 ha	1	1,697	152/-
(viii)	9 th year maintenance (one weeding)	0.0894 ha	1	1,697	152/-
(ix)	10 th year maintenance (one weeding)	0.0894 ha	1	1,697	152/-
Sub-total - B					2,756/-
Total (A+B)					7,70,745/-

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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%	7,70,745/-	38,537/-
(ii)	Monitoring & evaluation Inspection of works by Senior Officers of the Department of Forest @ 2% of the total cost.	2%	7,70,745/-	15,415/-
(iii)	Contingencies Cost of escalation, supplementary works and other unforeseen expenditure @ 4% of the total cost.	4%	7,70,745/-	30,830/-
(iv)	Add 15% increase cost on SOR	15%	7,70,745/-	1,15,612/-
Sub-total - C				2,00,394/-
Grant Total (A+B+C)				9,71,139/-

(Rupees nine lakhs seventy one thousand one hundred thirty nine) 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.

Technical sanction/approval is
accorded to the estimate for
Compensatory Afforestation
Scheme of Rs. 9,71,139/-

Divisional Forest Officer,
East Territorial Division
Divisional Forest Officer
East Territorial Division
Deptt. of Forest, Env & W/L Mgmt
Government of Sikkim

CCF-cum-Nodal Officer (FCA)
Deptt. of Forests, Env. & W/L Manglt.
Govt. of Sikkim Deorali, Gangtok.

Assistant Conservator of Forest
East Territorial Division

Assistant Conservator of Forest
F.E & W.M. Deptt
Territorial Sub Division