

Compensatory Afforestation in respect of diversion of 1.1316 ha. Forest land for laying of 66KV Double Circuit Transmission line from Dikchupool to Makha in East Sikkim by Energy and Power Department, Government of Sikkim.

INTRODUCTION:-

Shri. Dinesh Kharel Additional Chief Engineer, Energy and Power Department, Government of Sikkim has proposed for diversion of **1.1316** ha Forest Land for lying of 66 KV Double Circuit Transmission line from Dikchupool to Makha in East Sikkim by Energy and Power Department, 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:-

| Sl. No | Location | Range | Compensatory Afforestation (in Ha) | No. of Mixed saplings to be planted | SMC (in ha) | Stone Wall Fencing | Division |
|--------|----------|-------------|------------------------------------|-------------------------------------|-------------|--------------------|-------------------|
| 1 | Song RF | Gangtok (T) | =2.26 ha | 24,860Nos. | 0.50 ha | 0.50 km | East (T) Division |

2. 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 | Unit | Area (Ha) | Rate (Rs./Ha) | Amount |
|------------------------|------------------------------------------------------------------|------|-----------|---------------|-------------------|
| (i)/a | Creation of Block plantation | Ha | 2.26 | 37,735 | 85,281/- |
| (i)/b | Carriage of seedlings | Ha | 2.26 | 2,100 | 4,746/- |
| (ii) | Stone Wall Fencing | Km | 0.50 | 9,54,600 | 4,77,300/- |
| (iii) | Soil & Moisture Conservation Work (25% of total plantation area) | Ha | 0.50 | 54,770 | 27,385/- |
| Sub-Total - (A) | | | | | 5,94,712/- |

(B) Maintenance for 10 years

| Sl.No. | Particulars | Unit | Area (Ha) | Rate (Rs./Ha) | Amount |
|----------------------|---------------------------------|------|-----------|---------------|-------------------|
| (i) | 1st Year weeding (two weeding) | Ha. | 2.26 | 10,847 | 24,514/- |
| (ii) | 2nd Year weeding (two weeding) | Ha. | 2.26 | 8,227 | 18,593/- |
| (iii) | 3rd Year weeding (two weeding) | Ha. | 2.26 | 8,227 | 18,593/- |
| (iv) | 4th Year weeding (one weeding) | Ha. | 2.26 | 4,360 | 9,854/- |
| (v) | 5th Year weeding (one weeding) | Ha. | 2.26 | 4,360 | 9,854/- |
| (vi) | 6th Year weeding (one weeding) | Ha. | 2.26 | 4,360 | 9,854/- |
| (vii) | 7th Year weeding (one weeding) | Ha. | 2.26 | 3,182 | 7,191/- |
| (viii) | 8th Year weeding (one weeding) | Ha. | 2.26 | 3,182 | 7,191/- |
| (ix) | 9th Year weeding (one weeding) | Ha. | 2.26 | 3,182 | 7,191/- |
| (x) | 10th Year weeding (one weeding) | Ha. | 2.26 | 3,182 | 7,191/- |
| Sub-Total (B) | | | | | 1,20,026/- |
| Total (A + B) | | | | | 7,14,738/- |

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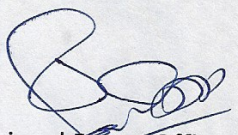
(C) Over Head/Monitoring & Evaluation/Contingencies

| 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% | 7,14,738/- | 35,737/- |
| (ii) | Monitoring & evaluation Inspection of works by Senior Officers of the Department of Forest @ 2% of the total cost. | 2% | 7,14,738/- | 14,295/- |
| (iii) | Contingencies Cost of escalation, supplementary works and other unforeseen expenditure @ 4% of the total cost. | 4% | 7,14,738/- | 28,590/- |
| Sub-total - C | | | | 78,622/- |
| Grant Total (A+B+C) | | | | 7,93,360/- |

(Rupees Seven lakhs ninty three thousand three hundred sixty) 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.


Divisional Forest Officer,
East Territorial Division
Divisional Forest Officer
East (T) Division
FEWMD


Assistant Conservator of Forest
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