



GOVERNMENT OF SIKKIM

OFFICE OF THE DIVISIONAL FOREST OFFICER (T) SOUTH FORESTS, ENVIRONMENT & WILDLIFE MANAGEMENT DEPARTMENT

District Administrative Centre, Namchi, South Sikkim, PIN 737126

COMPENSATORY AFFORESTATION SCHEME

NAME OF PROPOSED PROJECT: "Construction of 2 -lane road from Singtam- Tarku- Rabong- Legship- Gyalshing (Section from Singtam to Rabongla) NH- 510, under SARDP- NE, Phase -A in the State of Sikkim.

INTRODUCTION:

NHIDCL, GoI has decided to upgrade the existing State Highway in Sikkim. The proposed project takes double laning the existing road from Sintam to Gyalshing via Rabongla (NH- 510). However, the first phase includes only upgradation and widening from Singtam to Rabongla via Tarku and Ben.

1. SITE SELECTION FOR COMPENSATORY AFFORESTATION SCHEME:

Sl. No	Location	Range Under South (T)	Proposed Forest land (ha)	Plantation Area (ha)	Type of plantation	SMC Area (ha)	Stone Wall Fencing (km)
1	Rayong RF	Rabong (T)	4.4507	9	SPD	4.5	0.6
2	Nampling Kharmal, Rayshap Kharmal, Sisywani Kharmal.	Namchi (T)	11.2849	23	SPD	12	0.6
	TOTAL		15.74	32		16.5	1.2

2. METHODOLOGY OF WORK EXECUTION:

i) Silvi Pasture Development Plantation

SPD plantation has been proposed so as to build the fodder stocks within the forest land for the herbivores.

ii) Fencing & Protection

Dry stone wall fencing has been proposed to fence the nurseries under respective ranges (T) so as to protect the nurseries from cattle grazing as well as to properly demarcate the working area of the nursery.



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Nurseries under Rabong (T) Range: 0.6 km

Nurseries under Namchi (T) Range: 0.6 km

iii) Seedling Requirement

The requirement of seedlings would be met from the existing nurseries of the Forest Department on payment as per the basis-approved rates or other sources (if the former option is not available).

iv) Choice of Species

Site-specific species would be planted.

v) Soil & Moisture Conservation

The bioengineering method has been proposed at vulnerable locations where there is requirement of soil and moisture conservation under respective ranges.

vi) Protection works.

Dry Stone Wall over 0.6 m along the vulnerable boundary point of the nurseries under the two concern ranges are proposed (Detail enclosed at sl. No. ii).

vii) Executing Agency

Territorial Division, South under the supervision of State FCA Cell, Head Office, Gangtok.

viii) Schedule

The works will be executed after availability of fund.

ix) Monitoring & Evaluation

Forest, Environment & Wild life Management Department, Govt. of Sikkim and the Regional Office, MoEF, Govt. of India shall take up the monitoring & evaluation of the works.



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4. Cost structure & financial forecast/work programme: (2013 SOR)

PLANTATION

S.N.	Particulars	Area (ha/KM)	Rate (Rs./ha/KM)	Amount (in Rupees)
(i)	SPD	32	22379	716128
(ii)	Soil and moisture conservation (by bioengineering measure) at vulnerable locations	16.5	44214	729531
(iii)	Dry stone wall fencing	1.2	741651	889981
	Sub-Total- A			23,35,640

B. MAINTENANCE UPTO 3 YEARS.

S.N.	Particulars	Area(ha)	Rate (Rs./ha)	Amount (in Rupees)
(i)	2nd year maintenance of Plantation	32	3535	113120
(ii)	3rd year maintenance of Plantation	32	1964	62848
(iv)	Maintenance of dry stone for next 2 years (20% of the cost)	1.2	741651	148330
(v)	Awareness/extension/ training/publicity and documentationetc.		LS	50000
	Sub-Total-B			3,74,298
	Total (A+B)			27,09,938



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C. OVER HEAD/MONITORING & EVALUTION/CONTINGENCIES:

Sl. No.	Particulars	Total Amount(Rs. A+B)	Rate (Rs.)	Amount (in Rs.)
(i)	Office Expenses, Stationery, TA/DA, Repair of Vehicle type writer/computer etc.[5 % of total cost (A + B)]	27,09,938	5%	135497
(ii)	Monitoring & Evaluation inspection of works [2% of the total cost(A + B)]	27,09,938	2%	54198
(iv)	Contingencies, cost of escalation and other unforeseen expenditure [4% of the total cost(A + B)]	27,09,938	4%	108397
(v)	Sub-Total-C			2,98,092
	Grand-Total (A+B+C)			30,08,030

(Rupees Thirty Lakhs Eight Thousand and Thirty) only


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