

COMPENSATORY AFFORESTATION SCHEME

ESTIMATE FOR COMPENSATORY AFFORESTATION SCHEME IN
RESPECT OF DIVERSION OF -----Ha OF
FOREST LAND FOR CONSTRUCTION OF -----

----- DISTRICT BY -----.

1. INTRODUCTION

The Total land involved in the project is ----- Ha (surface & Underground) comprising of followings legal status:

I. Total Private Land involved= ----- ha (Surface- ----- ha+ Under Ground- ----- ha)

II. Total Forest Land involved=-----ha (Surface- ----- ha+UnderGround----- ha)

Division Wise Forest land involved is as under:

----- Division: Surface Land = ----- ha + under Ground= -----, Total = ----- Ha

----- Division: Surface Land= ----- ha + Under Ground=-----ha, Total = ----- Ha

As per the provisions of the Forest (Conservation) Act, 1980, the compensatory Afforestation is not applicable on the forest land proposed to be involved and diverted for the under ground activities below 3 metres of forest land, however in respect of forest land required for the surface right, the compensatory Afforestation is applicable. Thus, the total surface forest land proposed for diversion is ----- Ha and hence, it is proposed to take up the Compensatory Afforestation over double of the degraded forest land i.e. on ----- ha

(-----Division=----- Ha + -----Division=----- Ha) identified & selected in ----- & ----- division to make good the loss of forest cover and to maintain the environmental /ecological balance of the area / region. This is one of the mandatory conditions under the Forest (Conservation) act, 1980.

An integrated approach is proposed to be adopted along with plantation by protection, conservation, soil & Moisture conservation, the Biodiversity Conservation together with the Awareness/training & extension through people's participation, seedlings distribution & Smriti van programme etc. at different places in the State.

2. SELECTION OF SITES / LOCATIONS:

The location of the Compensatory Afforestation Scheme has been identified & selected is the degraded forest land in -----& -----Districts, which are given as under :-

Sl No.	Location	Plantation Area	Fencing	SMC	Range	Division

3. METHODOLOGY FOR EXECUTION OF SCHEME:

(A) Seedling Requirement – The seedlings requirement for the scheme shall be met up from the existing nearest forest nursery site on payment basis as per the norms in this respect and if required the suitable existing nursery of the department may be adopted under the Scheme.

(B) Choice of species – Area / site specific species of mixed indigenous species like Ranichamp, Tooni, Pipli, Phuntse, Arupatey and Lapsi have been selected for Block plantation in the Middle hill areas and Panisaj, Teak, Sal, Chikrassi. Kaijal and Lampatey in the lower belt areas.

(C) Block Plantation – An integrated approach has been adopted for taking up the plantation together with the soil & moisture conservation work in the degraded forest land. The planting pits of 45 x 45 x 45cm sizes shall be prepared at 2.5 mtrs apart in triangular pattern depending upon the site condition and the planting shall be taken up in the planting season. The numbers of plants per hectare planted would be about 1600 nos. per hectare.

(D) Fencing & Protection – The block plantation area shall be fenced with Angel Iron barbed wire fencing of the required dimension to protect from biotic interference. In addition to this, the required numbers of watch & wards shall be engage for looking after the plantation areas to ensure better establishment of the plantation.

(E) Soil & Moisture conservation – Soil & moisture conservation works shall be taken up @ 25% of the entire plantation areas supported by small engineering and vegetative measures wherever required under the scheme.

(F) Forest Check Post-cum- FG Quarter – The area in question is highly sensitive for illicit felling and illegal transit of forest produce and hence it is proposed to construct a Forests Check Post –cum-

FG quarter at Jorethang nearby the project areas for field level staff to be posted there for checking of illegal movement of forest produce and also to monitor the project regularly & more effectively.

(G) Biodiversity Conservation: The Sikkim is rich in biodiversity and the State has given the top priority for its protection and conservation and hence it is proposed to keep the component of biodiversity conservation, Biodiversity Park and the propagation of rear, endangered and threatened species under all the scheme under FCA-1980.

(H) Awareness/ Extension/ Training: The awareness, extension and training programme is very much required not only for the people of the project area, forest filed staff, but also for the project authorities and its employees working in the area and hence this component has been mandatory under all the schemes.

(I) Maintenance: The maintenance for a period of five years is an integrated part of the scheme.

(J) Executing Agency – The Scheme would be implemented by the Department of Forest, Environment & Wildlife Management through its concerned forest Division.

(K) Time Schedule/Period for Execution: The scheme may be taken up during the period 2007 to 2012 depending on the availability of fund in time and may be started before the project works is started.

(L) Transfer of fund: The User agency shall transfer the fund to the Department of Forest, Environment & Wildlife Management, Government of Sikkim as per the directives of the Hon'ble Supreme Court & Government of India in this respect.

(M) Monitoring & Evaluation – Monitoring & Evaluation of the scheme shall be done by the Representative of the Central Government as well as by the State Government from time to time and concurrently on the regular basis as per the guidelines in this respect.

4. COST STRUCTURE & FINANCIAL FORCAST /WORK PROGRAMME:

(A) ADVANCE WORK & CREATION:

(i) Cost of seedlings required for Blcok Plantation = 2200 Nos per ha (including seedlings for casualty filling in the subsequent years). 2200 Nos/ha x ----- ha. = -----Nos @ Rs 3/Seedling	Rs.
(ii) Cost of Block Plantation -----ha @ 12340/-/ha	Rs.
(iii) Cost of barbed wire fencing with Angle Iron Post -----km. @ 514800/-/km	Rs.
(iv) Soil& Moisture conservation work ----- ha @23000/-/ha	Rs.
(v) Construction of Forest Check Post –cum- FG Quarter ---- Unit @-----/-/unit	Rs.
(vi) Biodiversity Conservation of flora/fauna/ rear/endangered & Threatened species & related activities at Biodiversity Park (L.S.)	Rs.

(vii) Awareness/extension/training & /publicity and documentation/ Smriti van programme/ including documentary on forest, Environment & wildlife of Sikkim (L.S.)		Rs
(ix) Two watch & wards (W&W) for looking after the plantation areas and protection for five years. 2 W&Ws x for 5 years x 365 days @ 85/-/day		<u>Rs.</u>
SUB- TOTAL (A)		Rs.

B. MAINTENANCE FOR FIVE YEARS:

(i) Two weedings including causality filling of Block Plantation in 2 nd and 3 rd year	2 x ----- ha. x @ 2550/-/ha	Rs.
(ii) One weeding of Block Plantation in 4 th & 5 th year	2 x ----- ha. x @ 850/-/ha	Rs.
(iii) Repair of fencing in five years as and when required	----- km @51600/-/km	Rs.
SUB- TOTAL (B)		Rs.

SUB- TOTAL (A + B) Rs.

C. OVER HEAD EXPENSES / MONITORING & EVALUATION & COTINGENCIES:

(i) Office expenses, stationary, TA/DA, repair of vehicle, type writer, computer, Xerox machine and fax machine etc @ 5%		Rs.
(ii) Monitoring & Evaluation of the scheme/project by the Central Govt. as well as by the State Govt. @ 2%		Rs.
(iii) Contingencies & unforeseen expenditure @ 4%		<u>Rs.</u>
SUB- TOTAL (C)		Rs.

GRAND TOTAL (A+B+C) Rs.

(Rupees -----) only.

The above estimate is based on the current schedule of rates and in case of revision of rates in wages the above Compensatory Scheme shall also be revised as per the revised rate of the State Government, for which the project will pay the additional amount.

The above amount shall be paid and transferred by the user Agency to the Department of Forest, Environment & Wildlife Management, Government of Sikkim for the implementation of the scheme against the Project.

Divisional Forest Officer
Territorial Division -----
-----Sikkim