COMPENSATORY AFFORESTATION SCHEME IN LIEU OF THE FOREST AREA PROPOSED DIVERSION IN FAVOUR OF NATIONAL HIGHWAYS AUTHORITY OF INDIA, NEW DELHI IN DEGRADED FOREST OF COMPARTMENT NO.242 & 243, ALLAPALLE RF, THOTAKANUMA BEAT OF PALAMANER RANGE

As per section 3.2 and 4 (iii) of the Forest (Cons.) Act, 1980, it envisages to raise Compensatory Afforestation over double the extent of degraded land over an extent of 46.50 Ha (i.e. 23.23 x 2) in Compt.No.242 & 243 of Allapalle RF, Thotakanuma Beat of Palamaner Range ie., the area being diverted over an extent of 23.23 Ha of forest land in Thotakauma RF of Chittoor West Division for up gradation of NH-4 Road from KM 133/360 to 216/975 i.e., Chennai - Chittoor - Bangalore to two lane to four laning in the state of AP.

Technique :

The technique proposed for Raising Plantation is Semi mechanized method under which deep ploughing over a depth of 30cm will be carried out and planting will be taken up at 3x3 Mt espacement duly pitting 45cm cube pit and planting with 6x12 or 8x12 size bag plants i.e., 1111 Nos of plants per Ha. The main species is Neem, Narepi, Tapasi, Tella maddi, Red Sanders etc., in these plantations. The area is almost plain with gentle slope. The slopes are in different directions and forming into small patches. The drainage is good. Soil depth is also good. It is proposed for sufficient quantity of SMC works i.e., 50 cum/Ha. The other usual operations as provided in FSR i.e., Soil Working, Fire Tracing Operations, Coppicing, Weeding etc., are proposed for this plantation. Fencing of the area is quite essential to protect the plantation.

The scheme is spreaded over a period of 10 years commencing from 2018-19 to 2029-30 and worked out to a cost of **Rs.318.20 Lakhs.**

The details of scheme proposals for CA Plantation (46.50 Ha) is as follows. *(Data sheet enclosed).*

(Rs. in Lakhs)

	Component	Cost
A)	Erection of Barbed Wire Fence	27.26
B)	Construction of RCC Pillars	8.00
C)	Advance works including Raising of Nursery	32.80
D)	Raising of Misc. Plantation	40.57
E)	1st year Maintenance.	20.592
F)	2nd year Maintenance.	18.092
G)	3rd year Maintenance.	16.845
H)	4th year Maintenance.	15.60
I)	5th year Maintenance.	13.747
J)	6th year Maintenance.	15.121
K)	7th year Maintenance.	16.634
L)	8th year Maintenance.	18.297
M)	9th year Maintenance.	20.127
N)	10th year Maintenance.	11.377
O)	Nursery infrastructure development	10.00
P)	SMC works	10.00
Q)	Estt./ Const. of PMU	18.15
R)	Over heads/ Contingencies	4.988
	TOTAL :	**318.20**

IMPLEMENTING AGENCY:

The A.P. Forest Department will take up the responsibility for implementation of the Compensatory Afforestation scheme with the funds deposited by the user agency and the scheme will be monitored by the Prl. Chief Conservator of Forests, Andhra Pradesh, Hyderabad through its mechanism.

Divisional Forest Officer
Chittoor West Division, Chittoor

CERTIFICATE

This is certified that the degraded forest land identified in Compt No. 242 & 243 of Allapalle RF in Thotakanuma beat for Compensatory Afforestation is convenient / suitable for afforestation.

The area is suitable for raising CA plantation with species like Hardwikia binata, Red Sanders, Holoptolia integrifolia etc., under Semi-mechanical method.

Divisional Forest Officer,
Chittoor West Divn. Chittoor.