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COMPENSATORY AFFORESTATION SCHEME IN LIEU OF THE FOREST
LAND PROPOSED FOR DIVERSION TO RAYALPETA - MADHAVARAM
ROAD IN FAVOUR OF EXECUTIVE ENGINEER, ROADS & BUILDINGS
DEPARTMENT, CHITTOOR DISTRICT.



As per section 3.2 and 3.4 of the Forest (Cons.) Act, 1980, it envisages to raise compensatory afforestation over the extent of equal non-forest land. The Executive Engineer, R & B Department, Chittoor, has proposed for Improvement & upgradation of Rayalpeta - Madhavaram road via Penugolakala in compt. No. 323 of Keelapatla RF & Beat and compt. No. 179 of Thumba North RFs of Palamaner & Chittoor West Range. The user agency has identified an extent of 11.89 Acres or 4.79 Ha in Sy.No.106 (old Sy.No.85) of Kaigallu village of Baireddipalle Mandal in Chittoor District adjoining to Compt.No.247 of Thotakanuma RF & Beat, Palamaner Range which is to be transferred for Compensatory Afforestation purpose. The District Collector, Chittoor has issued orders vide Prog. Rc.No. REV-ESEC/298/2017-SA(E8)-CTRCO, dt.28.02.2018 for transfer to forest department and the Tahsildar, Baireddipalle Mandal has to transfer and mutate the land in favour of Forest Department as per orders of the District Collector, Chittoor.

The identified Compensatory Afforestation land is situated on river bed of Kaigallu river adjoining to Compt.No.247 of Thotakanuma RF & Beat, Palamaner Range and is spreading along the notified RF line Thotakanuma RF as a linear patch of 500 mts width. There is a river passing adjoining the area which in turn going in to the same reserved forests at a distance of ½ km. The area is with gentle slope having natural tree growth of more than 5 - 8 mtrs comprising of chigara as dominant species followed by Nerrudi, soap nut etc., and forming in single patche. The drainage is good. Soil depth is also good.

Soils :

The soils are Hard gravelly soils mixed with small size boulders and the soil depth is good. Due to sloppiness ploughing of the area may lead to erosion. Hence ploughing shall be avoided and digging 1 Mtr cum pits with machine after clearing unwanted growth and planting with tall seedlings, duly adding sufficient quantity of Tank Silt, F.Y.M and imported soil, is the suitable method for raising plantation. Soil and moisture conservation works are to be constructed. Fencing is chain link mesh is proposed in this area. The total surveyed area 4.79 Ha and the user agency will transfer the total 4.79 Ha to Forest Department. The effective required area is 3.50 Ha afforestation by following the one mtr Cum pit method.

Technique :

The total of 3.50 Ha area, is proposed under trench cum pit method. The nursery stock raised in 8"x15" size poly pot or Tall plants in woven socks will be planted in 1.00 cube pits. The area varies between plain to gentle sloppy. Hence this

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area is suitable for raising Misc. Plantation by trenches / pits etc., The operations like Boundary demarcation, Singling & Coppices cutting, Soil working and weeding, Fire tracing operations are necessary. Due to river bed the existing and also most top soil is totally eroded, it is proposed to import soil and to refill the planting pit at the time of planting for having to grow good plantation. The plantation will be taken up during the project period and after completion, the area will be tagged on to the adjacent Beat.

The scheme is spreaded over a period of 10 years commencing from 2018-19 to 2028-29 and worked out to a cost of **Rs.42.00 Lakhs**.

The details of scheme proposals for CA Plantation (3.50 Ha) is as follows.

(Rs. in Lakhs)	
A) Erection of chainlink fence in non forest land	9.560
B) Advance works including Raising of Nursery	3.475
C) Raising of Misc. Plantation	1.312
D) 1 st year Maint.	1.635
E) 2 nd year Maint.	0.887
F) 3 rd year Maint.	0.857
G) 4 th year Maint.	0.446
H) 5 th year Maint.	0.491
I) 6 th to 10 th year maintenance	3.298
J) SMC -Const. CC Dams	10.000
K) Construction of Pillars	2.000
L) Nursery infrastructure & upgradation	6.840
M) Contingencies & over heads	1.199
TOTAL :	42.000

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, Guntur through its mechanism.


Divisional Forest Officer,
Chittoor West Division, Chittoor.

COMPENSATORY AFFORESTATION SCHEME FOR THE AREA PROPOSED FOR DIVERSION IN FAVOUR OF EXECUTIVE ENGINEER, ROADS & BUILDING, CHITTOOR IN CHITTOOR WEST DIVISION

ABSTRACT CUM YEAR WISE ACTION PLAN

Sl No	Name of the work	Units	2018-19		2019-20		2020-21		2021-22		2022-23		2023-24		2024-25		2025-26		2026-27		2027-28		2028-29		Total	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	2	3	6	7	8	9	10	11	12	13	14	15	16	17	16	17	16	17	16	17	16	17	16	17	18	19
I	Raising of Misc. species of tall plant nursery	Nos	0.01	0.275	0.005	0.151																			0.015	0.426
II	Maintenance of Nursery				0.01	0.109	0.005	0.060																	0.015	0.169
III	Preliminary/Advance operations	Ha	3.5	3.049																					AOs	3.049
IV	Raising /Treatment of Plantations	Ha			3.5	1.143																			3.5	1.143
V	1st year Maintenance	Ha					3.5	1.635																	Maint.	1.635
VI	2nd year Maintenance	Ha							3.5	0.887															Maint.	0.887
VII	3rd year Maintenance	Ha									3.5	0.857													Maint.	0.857
VIII	4th year Maintenance	Ha											3.5	0.446											Maint.	0.446
IX	5th year Maintenance	Ha													3.5	0.491									Maint.	0.491
X	6th year Maintenance	Ha															3.5	0.540							Maint.	0.540
XI	7th year Maintenance	Ha																	3.5	0.594					Maint.	0.594
XII	8th year Maintenance	Ha																			3.5	0.654			Maint.	0.654
XIII	9th year Maintenance	Ha																				3.5	0.719		Maint.	0.719
XIV	10th year Maintenance	Ha																					3.5	0.791	Maint.	0.791
XV	SWC works - Construction of Cement Check Dams across Kaigallu river				1	6.00	1.00	4.00																	2	10.000
XVI	Fencing & Nursery Infrastructure development/ upgradation			9.560	1	5.34		1.50																		16.400
XVII	Construction of RCC Cairns along the boundary				25	2.00																				2.000
XVIII	Project Over heads	LS		0.216		0.356		0.105		0.073		0.063		0.064		0.069		0.060		0.056		0.041		0.039	LS	1.198
	TOTAL :			13.100	3.5 Ha	15.100		7.300		0.960		0.920		0.510		0.560		0.600		0.650		0.710		0.830	4 Ha	42.000

Counter signed

Divisional Forest Officer
Chittoor West Divn. Chittoor

Forest Range Officer
Palamaner

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