GOVERNMENT OF TELANGANA
FOREST DEPARTMENT

From:
Sri C.P. Vinod Kumar, I.F.S.,
Chief Conservator of Forests &
Field Director Project Tiger,
Kawal Tiger Reserve, Nirmal.

To:
The Principal Chief Conservator of Forests,
(Head of Forests Force),
Aranya Bhavan, Telangana State,
Hyderabad.

Rc. No. 59/2015/D2(i), Date: 05-05-2021.

Madam,

Sub:- TSFD – F (C) Act, 1980 – DPRE, Adilabad District- PMGSY- Phase-XII- Diversion of Forest land for (47) road projects in various Districts of Telangana State under PMGSY Scheme of Panchayath Raj Department – DGPS survey conducted for Non-Forest Land for CA & DGPS Raw Data verified and authenticated– Communication–Detailed report on CA-Non-Forest Land of 70.00 Acres (28.4535 Ha) in Sy. No. 67/1 of Venkatapur Village of Mudhole Mandal of Nirmal Forest Division of Nirmal District – Detailed report along with CA Scheme – Submitted – Reg.

Ref:- 1. District Collector, Nirmal Rc. No. E2/CA/2021, Dt: 12.03.2021.
2. PCCF (HoFF), TS, Hyd. Rc. No. 7365/2020-FCA 2, Dt: 19.03.2021.
3. PCCF (HoFF), TS, Hyd. Rc. No. 7365/2020-FCA2, Dt: 09.04.2021.
4. FDO, Nirmal Rc. No. 1134/2021/S1 Dt: 29.04.2021.
5. DFO, Nirmal Rc. No. 1347/2020/N5. Dt: 04.05.2021.

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Incompliance to the instructions issued in the references 2nd and 3rd cited above, it is submitted that, the District Forest Officer, Nirmal vide ref. 5th cited has reported that, the Forest Divisional Officer, Nirmal vide ref. 4th cited has submitted that he has inspected the site along with the Tahasildar, Mudhole, Dy. Inspector of Survey and Dy. Executive Engineer, Panchayatraj, Bhainsa on 10.04.2021 and conducted joint survey. It is submitted that, the **CA Non- Forest land area for 70.00 Acres (28.45 Ha) in Sy. No. 67/1 of Venkatapur Village of Mudhole Mandal of Nirmal Forest Division of Nirmal District** is identified for the diversion of following (07) proposals of Roads.

S.No.	District	Division	Name of the Proposals	CA land required in Ha
1	Kothagudem	WLS Kinnerasani	R&B Road at Mondikunta to Mamillavai	3.4263
2	Kothagudem	WLS Kinnerasani & Yellandu	Pathuru to Rayalanka	2.247
3	Kothagudem	WLS Kinnerasani	Allapalli to Mailaram	1.246
4	Kothagudem	WLS Kinnerasani & Yellandu	Markodu to Pedduru	1.32
5	Kothagudem	WLS Kinnerasani & Yellandu	R&B Road to Tunikibandla	4.7990
6	Nalgonda	Nalgonda	MRL 01 R/F Kalvapally Cart Bridge to Guduru via Avanthipuram	2.6477
7	Mancherial	Chennur & Bellampally	Laxmipur to Baddampally	4.8490
8	Nirmal	Nirmal	Establishment of Eidga in Compt.No.969 in Chincholi RF	4.860
			Total:	**25.595**
			Balance area	2.8585
			Grand Total:	**28.4535**

I am furnishing herewith the information with respect to the non-forest land identified for CA as submitted by the District Forest Officer, Nirmal and Forest Divisional Officer, Nirmal as follows;

1. To confirm whether the land identified is suitable for raising of CA.

It is submitted that, the CA-Non-Forest Land area of 70.00 Acres (28.45 Ha) in Sy. No. 67/1 of Venkatapur Village of Mudhole Mandal of Nirmal Forest Division of Nirmal District is suitable to be taken over by the Forest department in lieu of said diversion of forest lands for the road projects by Panchayat Raj Department. As it is already with bushes and tree cover having density between 0.3 to 0.5 and with some open patches with plain murram and Red soils, which were suitable for raising of SMM, LI and Yadadri model plantations and ANR cultural operations besides Soil Moisture Conservation works.

2. To conduct joint inspection with Revenue Department, involving the adjacent Pattadars to ascertain that the lands are free from encumbrances and encroachments.

The joint inspection was conducted on 03.03.2021 & 10.04.2021 with Forest, Revenue Department and Panchayatraj Department. During the joint inspection, it is noticed that in the centre of the area around (01) Ha of area was under encroachment and cotton crop was being cultivating by the encroacher. However, the Revenue Department Officials certified that, the land is free from encumbrances and encroachments. The illegal encroachments are to be evicted by Revenue Department before handing over the land to the Forest Department. It has to be ensured by the Revenue Department that the encroachments have to be evicted before mutating the land to the Forest Department.

3. To verify absolute location of BPs in field to ascertain adjacency of CA lands which respect to notified forests with the help of Gazette notifications and allied records.

It is verified with the boundary pillars and noticed that the above said land is 15 away from nearest Kolluru RF Block. On verifying the Revenue Records and 1953 Pahani the area is mentioned as *"Jungle"* but not mentioned in any Forest records as notified Forests.

4. To ensure that the land is not part of any notified forest land and it is not a part of any CA land which is handed over to the Forest department or proposed to be given in lieu of diversion applied for any other projects.

The above said land is not part of any notified forest land and not part of any CA land.

5. To ensure that the land is pattaland and not assigned land duly verifying the pahanis, sethwars, Adangal alongwith Faisal Patti and also obtain certified copies of pahanis from the Tahsildar, Khanapur Mandal.

In this above said land, joint survey has been conducted with Revenue Officials and verified with connected records and Revenue Officials certified that, this land is not assigned land and free from encumbrances and encroachments. The copy of Proceeding and Undertaking by the District Collector, Nirmal is enclosed. However, during the joint inspection it is noticed that in the centre of the area around (01) Ha of area was under encroachment and cotton crop was being cultivating by the encroacher. The illegal encroachments are to be evicted by Revenue Department before handing over the land to the Forest Department. It has to be ensured by the Revenue Department that the encroachments have to be evicted befcre mutating the land to the Forest Department.

6. If suitable, prepare CA scheme in accordance with the guidelines issued from this office from time to time.

It is submitted that, the said NFL is suitable to be taken over by the Forest department in lieu of said diversion of forest lands for the road projects by PR dept. as it is already with bush and tree cover having density between 0.3 to 0.5 and with some open patches, which were suitable for raising of SMM, LI and Yadadri model plantations and ANR cultural operations besides Soil moisture conservation works

To improve the existing vegetation in the said NFL of 70.00 Acres (28.45 Ha) in Sy. No. 67/1 of Venkatapur Village of Mudhole Mandal of Nirmal Forest Division of Nirmal District, the planting operations like SMM, LI Plantation, Yadadri model Plantation, SCT Bund plantation and planting of bamboo along the nalas besides forestry operations like cultural operations (ANR), SMC works and formation of water harvesting structures, Chainlink, erection of Solar operated bore wells, fire-lines, inspection paths, etc., are proposed in CA Scheme. Protection to this area by chain link fencing and watch and ward is important as the area is very adjacent to Venkatapur village and the human and biotic pressure in very high.

Further it is submitted that, the District Forest Officer, Nirmal has reported that, the Forest Divisional Officer, Nirmal has submitted that, since the area is already covered with bushes and tree cover having density between 0.3 to 0.5 and with some open patches with plain Murram and Red soils, which were suitable for raising of SMM, LI and Yadadri model plantations and ANR cultural operations besides Soil moisture conservation works. In view of the above, the Compensatory Afforestation proposals in lieu of the diversion of forest land for the above said proposed roads in various other Divisions for an area 28.45 Ha identified in Nirmal Division is submitted in (03) sets for kind perusal.

The total cost of CA scheme is proposed for Rs. 563.993 lakhs for NFL area of 28.45 Ha.

The following documents are also enclosed to the CA Scheme proposals for kind perusal.

1. Field Inspection Notes of the Forest Divisional Officer, Nirmal
2. Site / Soil suitability certificate.
3. Undertaking certificate issued by the District Collector, Nirmal District.
4. Non-encumbrance certificate issued by the District Collector, Nirmal District.
5. DGPS map showing the Non forest CA land.

This is submitted for favour of kind information and necessary action.

Encl: (As above)

Yours faithfully,
Sd/-
Chief Conservator of Forests &
Field Director Project Tiger,
Kawal Tiger Reserve, Nirmal.

Copy to the District Forest Officer, Nirmal and Mancherial for information.
Copy to the Forest Divisional Officer, Nirmal, Chennur and Bellampally for information.

//T.C.B.O.//

MANAGER

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SCHEME PROPOSALS FOR

COMPENSATORY AFFORESTATION

OVER 28.45 Ha. NON FOREST LAND

IN

NIRMAL DIVISION

IDENTIFIED BY THE USER AGENCY i.e.,

PANCHAYATI RAJ DEPARTMENT.
HYERABAD.

IN LIEU OF
DIVERSION OF FOREST LAND
FOR PROPOSED ROAD OF AN AREA OF 28.45 Ha.
IN NIRMAL FOREST DIVISION
FOR PANCHAYATI RAJ DEPARTMENT
HYDERABAD.

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1.0 INTRODUCTION

The Panchayati Raj Department Hyderabad has identified Patta land for Compensatory Afforestation in Sy.No. 67/1 for Proposed Road of an area of 28.45 Ha in Nirmal Forest Division, for Panchayati Raj Department, Hyderabad. Accordingly the non forest land identified by the user agency is suitable for Compensatory Afforestation and the area is totally plain black soil. The location of the proposed CA area is falling in the core area of the Kawal tiger Reserve.

The area is suitable for plantation and moisture conservation works (RFDs),Solar bore well with PT, Mini Percolation Tanks, SCTs are required.

The following Compensatory Afforestation proposed as follows.

I.	(i)	Village	: Venkatapur
	(ii)	Sy. No.	: 67/1
	(iii)	Area taken over	: 28.45 Ha.
	(iv)	Name of the RF adjacent	: Kollur
	(v)	Distance from RF to land	: 15.00

Hence proposals have been prepared with a cost of Rs. **331.582** Lakhs. The year wise scheme proposals are as hereunder :

Sl. No.	Year	Financial (Rs.in Lakhs)
1	2021-22	16.64738
2	2022-23	261.86397
3	2023-24	97.72745
4	2024-25	74.48806
5	2025-26	45.19006
6	2026-27	8.55580
7	2027-28	6.17511
8	2028-29	10.34777
9	2029-30	5.87827
10	2030-31	11.46748
11	2031-32	6.78074
12	2032-33	11.08585
13	2033-34	7.78563
	Total	**563.99356**

This scheme will be monitored through the machinery of Forest Department at various levels.

The Compensatory Afforestation scheme is prepared over an area of 28.45 Ha. for a period of 12 years basing on the Forest Schedule of Rates for the year 2020-21 of Zone-II of Telangana Forest Department with an escalation of 10% for 2021-22.

2.0 AIMS AND OBJECTIVES:

To create small timber and fuel wood resources to meet the needs of the local public.

To fulfill the above objectives, it is proposed to take up the afforestation over an area proposed for diversion for non-forestry purpose, i.e., 28.45 Ha. The plantations will be taken up with the species like Hardwood species etc.

3.0 ELEMENTS OF THE PROJECT

3.1 Details of the lands identified for raising compensatory afforestation are as follows.

Sl. No.	Division	Range	Mandal	Sy. No.	Village	Area proposed
1	Nirmal	Bhainsa	Mudhole	67/1	Venkatapur	28.45 Ha

3.2 NAME OF THE SCHEME

Compensatory Afforestation

3.3 SITUATION

1) The proposed Compensatory Afforestation area is situated in Venkatapur of Mudhole Mandal is fit for CA scheme.

3.4 GEOLOGY

The geology of the proposed area for Compensatory Afforestation is Sub-Cretaceous – Eocene – Deccan Trap, Late Precambrian – Salluvai serios, Archaean Granites, Gneisses and schists.

3.5 SOIL

The soils of area proposed for Compensatory Afforestation area is plain Black Cotton soil which is suitable for raising of Hardwood species.

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3.6 CLIMATE :

The climate is fairly dry with very hot summer and cool winters. During summer, the temperature rises upto 47 degree centigrade. Summer and winter are separated by prolonged rainy season. The area is served by South-West Monsoon. However, Cyclonic rains are common during October – December.

3.7 RAINFALL :

Rainfall is mostly from the Southwest monsoon, cyclonic rains during October – December are quite common. The normal rainfall in a year ranges from 1000 mm to 1100 mm. The average rainfall for the past (12) years is 1051 mm.

3.8 EXISTING VEGETATION:

The area is having shrub vegetation of *Diospyros Melanoxylon, Terminalia tomentosa, Tectona grandis, Butea monosperma, Boswellia serrata,Azadiracta indica, Madhuca indica, Vagumadd, Palakodisa, Togari mogali etc.*

3.9 AGENCY RESPONSIBLE FOR AFFORESTATION:

The afforestation programme will be implemented by the Telangana Forest Department through the Forest Divisional Officer.

3.10 DETAILS OF WORK SCHEDULE PROPOSED FOR COMPENSATORY AFFORESTATION

The details of work schedule proposed for compensatory afforestation year wise is as follows.

2021-22	i.	Raising of Bag Plant
	ii.	Infrastructure for Nursery
	iii.	Digging of SCTs
	iv.	Construction of RFDs
	v.	Solar bore well with PT
	vi.	Mini Percolation Tank
2022-23	i.	Construction of Boundary Pillars
	ii.	Fencing with Chain link
	iii.	Construction of Protection hut with Gate
	iv.	Formation of New Fire lines
	v.	Inspection path
	vi.	Maintenance of Fire lines
	vii.	Infrastructure for Nursery
	viii.	Maintenance of Bag plant Nursery
	ix.	Stabilization of SCTs by planting Medicinal plants
	x.	Cultural Operation
	xi.	Bamboo Nala Planting

2023-24	i	Maintenance of Fire lines
	ii.	Cultural Operation
	iii.	Maintenance of SMM Plantation
	iv.	Maintenance of LIM Plantation
	v.	Maintenance of Dense Plantation
2024-25	i	Maintenance of Fire lines
	ii.	Maintenance of SMM Plantation
	iii.	Maintenance of LIM Plantation
	iv.	Maintenance of Dense Plantation
2025-26	i	Maintenance of Fire lines
	ii.	Maintenance of SMM Plantation
	iii.	Maintenance of LIM Plantation
	iv.	Maintenance of Dense Plantation
2026-27	i	Maintenance of Fire lines
	ii.	Maintenance of SMM Plantation
	iii.	Maintenance of LIM Plantation
	iv.	Maintenance of Dense Plantation
2027-28	i	Maintenance of Fire lines
	ii.	Maintenance of SMM Plantation
	iii.	Maintenance of LIM Plantation
	iv.	Maintenance of Dense Plantation
2028-29	i	Maintenance of Fire lines
	ii.	Maintenance of SMM Plantation
	iii.	Maintenance of LIM Plantation
	iv.	Maintenance of Dense Plantation
2029-30	i	Maintenance of Fire lines
	ii.	Maintenance of SMM Plantation
	iii.	Maintenance of LIM Plantation
	iv.	Maintenance of Dense Plantation
2030-31	i	Maintenance of Fire lines
	ii.	Maintenance of SMM Plantation
	iii.	Maintenance of LIM Plantation
	iv.	Maintenance of Dense Plantation
2031-32	i	Maintenance of Fire lines
	ii.	Maintenance of SMM Plantation
	iii.	Maintenance of LIM Plantation
	iv.	Maintenance of Dense Plantation
2032-33	i	Maintenance of Fire lines
	ii.	Maintenance of SMM Plantation
	iii.	Maintenance of LIM Plantation
	iv.	Maintenance of Dense Plantation

2033-34 i Maintenance of Fire lines
ii. Maintenance of SMM Plantation
iii. Maintenance of LIM Plantation
iv. Maintenance of Dense Plantation

3.11 COST STRUCTURE:

A compensatory afforestation scheme for Rs.563.993 Lakhs is prepared and the year wise expenditure mentioned at introduction part.

This scheme will be monitored through the machinery of Forest Department at various levels.

Thus the total cost for the Compensatory Afforestation Scheme comes to. **Rs. 563.993** Lakhs as per Appendix I.

SCHEME COMPONENT:

The area identified for Compensatory Afforestation area is plain black cotton soil.

It is proposed to take up afforestation with Labour Intensive Method, which comprises of clearance of unwanted growth, heaping the bushes, ploughing with heavy duty tractor, taking up afforestation with species like Hardwood etc. Protect the plantation with SCTs, watch and ward from fire by way of control, burning of the fire lines. The plantation would be maintained for (10) years after planting.

4.1 COST STRUCTURE OF PLANTATIONS :

The cost structure of Compensatory Afforestation including the cost structure for various components of raising and maintenance of planting stock and the plantation details is appended **(Appendix-I)**.

The following number of plants are proposed to be planted in CA NFL Area.

Sl.No	Type of planting	Area/Km	No of plants
1	SCT Bund stabilization	2000 Nos	14000
2	Bamboo Nala Planting	1 Km	400
3	Dense Planting	1 Ha	10,000
4	SMM Planting	9 Ha	9999
5	LI Plants	4 Ha	4444
		Total	**38,843**

4.2 PROVISION OF FUNDS :

The funds for the Compensatory Afforestation have to be deposited by the user agency i.e., The Panchayati Raj Department. Hyderabad in favour of Telangana Forest Department. These funds will be utilized by the Forest Divisional Officer Nirmal for raising plantations and their maintenance as per the detailed annual plan after obtaining the approval and funds from the competent authority.

4.0 PLANTING TARGETS AND STAFF REQUIREMENT :

The area identified non forest land for Compensatory Afforestation in Sy.No. 67/1 Venkatapur village of Mudhole mandal Jurisdiction of Forest Divisional Officer, Nirmal.

5.1 OFFICE EXPENSES AND CONTINGENCIES RECURRING :

The amount proposed towards office expenses, contingent expenses are appended (Appendix-I)

5.2 CAPITAL EXPENDITURE NON – RECURRING

The amount is proposed towards non-recurring expenditure (Appendix-I)

5.3 SCHEME PERIOD :

This scheme will be implemented over a period of (13) years commencing from 2021-22. The details of cash flow required for the entire project period for recurring and non recurring expenditure is furnished in Appendix-I.

5.4 DETAILS OF PROPOSED MONITORING MECHANISM:

The Chief Conservator of Forests / Field Director, Project Tiger Reserve, Nirmal and District Forest Officer, Nirmal shall monitor the implementation of the conditions of Compensatory Afforestation and the survival of the plants planted.

Forest Divisional Officer
Nirmal.

District Forest Officer
Nirmal