

GOVERNMENT OF ANDHRA PRADESH  
ENVIRONMENT, FORESTS, SCIENCE AND TECHNOLOGY (Sec.II) DEPARTMENT

Letter No.187/Section. II/2022/1630423

Dated:03.07.2023

From  
The Special Chief Secretary to Government  
EFS&T Department,  
A.P. Secretariat, Velagapudi,  
Amaravati-522503.

To  
The Inspector General of Forests (Central)  
Government of India, Ministry of Environment, Forests & Climate Change  
Integrated Regional Office, Vijayawada,  
Green House Complex, Gopal Reddy Road,  
Vijayawada-520010 (w.e)

Sir,

Sub: Diversion of 9.60 ha of forest land in Compartment No.154, 155 of E.D. Pally and Compartment No. 110, 111 of Pegha RF in Chintur Division for formation of road from Yedugurralapalli to Mallampeta in favour of Executive Engineer, PR (PIU), Kakinada - Additional information called for -Submitted - Reg.

Ref: 1)From the PCCF & HoFF, A.P., Lr.Ref.No.EFS02-15034/67/2020-FCA-SEC-PCCF/FCA-3, Dated.22.01.2022.  
2)State Govt.Lr.No.187/Sec.II/2022/1630423, EFS&T (Sec.II) Dept., dt.23.03.2022.  
3)Govt.Memo.No.187/Sec.II/2022/1630423, EFS&T (Sec.II) Dept., dt.23.03.2022.  
4)From the PCCF&HoFF, A.P.,Lr.Rc.No.EFS02-15034/67/2020/FCA SEC-PCCF/FCA-3, dated.23.01.2023.  
5)Govt.Memo.No.187/Sec.II/2022/1630423, EFS&T (Sec.II) Dept., dt.23.03.2022.  
6)From the PCCF&HoFF, A.P.,Lr.Rc.No.EFS02-15034/67/2020/FCA SEC-PCCF/FCA-3, dated.23.01.2023.  
7)E-mail sent to Monitoring cell, GoI, MoEF&CC, on 21.04.2023.  
8)State Govt.Lr.No.187/Sec.II/2022/1630423, EFS&T (Sec.II) Dept., dt.06.06.2023.  
9)From the IGF(Central), GoI, MoEF&CC, IRO, Vijayawada, Lr.F.No.4-APB215/2023-VIJ/1006, dt.21.06.2023.  
10)From the PCCF&HoFF, A.P.,Lr.Ref.No.EFS02-15034/67/2020/FCA SEC-PCCF/FCA-3, dated.29.06.2023.

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With reference to your letter 9<sup>th</sup> cited, I am to inform that the PCCF & HoFF, Andhra Pradesh, Mangalagiri, Guntur in the reference 10<sup>th</sup> cited, has furnished the point-wise information and requested to take necessary action for onward submission of the additional information to GoI, MoEF&CC, IRO, Vijayawada to accord clearance under Forest (Conservation) Act, 1980 in the matter. The point-wise information as follows:

(Contd.P-2)

Sl.No.	Additional information sought by GoI, MoEF&CC, IRO, Vijayawada letter dt.21.06.2023	Reply furnished by PCCF & HoFF
1	Whether identified area (claimed to be non-forest area) attracts provisions of FCA, 1980 or otherwise. Actual legal status of the area in the government record may also be informed along with the supporting documents;	The non-forest land over an extent of 59.40 Acres (24.04 ha) offered by the User Agency in Thurangi Village, Kakinada Rural mandal of Kakinada Range is Sea accreted land (Government land) as reported by the RDO in Rc.no. C/40/2021, dated: 17.02.2021. Hence, it will not attract provision of F(C) Act, 1980. Copy enclosed.
2	DFO may please be instructed to carryout inspection of the area identified for CA purpose once again to ascertain the actual numbers of trees that can be taken up for planting in the identified area and in case it is not possible to carryout required number of plantation in the identified non forest area i.e. 1000 trees/ha, the remaining number of plants will be required to be raised in the degraded forest area. Hence, suitable DFL area may be identified and details of such DFL area may please be furnished.	<p>The District Forest Officer, Kakinada has inspected the non-forest land over an extent of 9.77 ha offered for this project out of 24.04 ha identified by the user agency in Thurangi village, Kakinada Rural mandal of Kakinada Range for compensatory afforestation on 23.06.2023 and stated that the proposed CA area was covered with full of Mangrove vegetation and it is not possible to raise any plantation in this area.</p> <p>Hence, the District Forest Officer, Kakinada has identified degraded forest land for compensatory afforestation purpose to an extent of 10.48 ha in compartment no.626, Anantharam beat, Rowthulapudi Section, Yeleswaram Range, Kakinada. Out of 10.48 ha, the District Forest Officer, Kakinada has prepared CA scheme to an extent of 9.77 ha with a financial amount of Rs: 51.00 lakh for a period of 12 years including raising of plantation and advance operations commencement from 2023-24 to 2034-35. Copy of the CA scheme, Site inspection are enclosed.</p>
3	CA scheme may be revised accordingly and submitted	CA Scheme revised and submitted herewith for its approval.



::3::

2. I request you to consider the above additional information and obtain and communicate the approval of GoI, MoEF&CC, IRO, Vijayawada for diversion of 9.60 ha of forest land in Compartment No.154, 155 of E.D. Pally and Compartment No. 110, 111 of Pegha RF in Chintur Division for formation of road from Yedugurralapalli to Mallampeta in favour of Executive Engineer, PR (PIU), Kakinada under Forest (Conservation) Act, 1980, at the earliest.

Yours faithfully,

  
for Special Chief Secretary to Government

**Copy to:**

The Principal Chief Conservator of Forests & Head of Forest Force,  
Andhra Pradesh, Mangalagiri.  
The Executive Engineer, PR (PIU), ZP Compound, Kakinada-533001.  
SF/SC.

**GOVERNMENT OF ANDHRA PRADESH  
FOREST DEPARTMENT**

From  
Sri Y. Madhusudhana Reddy, IFS.,  
Prl. Chief Conservator of Forests &  
Head of Forest Force(FAC),  
Andhra Pradesh,  
Mangalagiri, Guntur District.

To  
The Spl. Chief Secretary to Government,  
Environment, Forests, Science &  
Technology Department,  
Andhra Pradesh, Velagapudi,  
Guntur District.

**Ref.no.EFS02-15034/67/2020-FCASEC-PCCF/FCA-3,**  
**dated:29.06.2023.**

Sir,

Sub:- APFD - F(C)Act, 1980 - Diversion of 9.60 ha forest land in Compartment no.154,156 of E.D. Pally and Compartment no. 110, 111 of Pegha RF in Chintur Division for formation of road from Yedugurralapalli to Mallampeta in favour of EE PR (PIU), Kakinada - Submission of proposal under F(C) Act, 1980 - Further information called for - Submitted - Reg.

Ref:- 1. Online proposal no.FP/AP/ROAD/83794/2020, dated: 11.12.2020.  
2. PCCF & HoFF , A.P, Guntur Rc. no EFS02-15034/67/2020-FCA-SEC-PCCF/FCA-3, dated:22.01.2022 & 23.01.2023.  
3. GM no.187/Section.II/2022/1630423, EFS & T (Sec.II) Dept., dated: 23.06.2023.  
4. DFO, Kakinada Rc. no. 684/2021/D1, dated: 29.06.2023.

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It is submitted that, in response to the reference 3<sup>rd</sup> cited, the District Forest Officer, Kakinada in the reference 4<sup>th</sup> cited has submitted point-wise information. The point-wise information is as follows.

Sl. no.	GoAP Memo no no.187/Section.II/2022/1630423, EFS & T (Sec.II) Dept., dated: 23.06.2023	Compliance
1	Whether identified area (claimed to be non-forest area) attracts provisions of FCA, 1980 or otherwise. Actual legal status of the area in the government record may also be informed along with the supporting documents;	The non-forest land over an extent of 59.40 Acres (24.04 ha) offered by the User Agency in Thurangi Village, Kakinada Rural mandal of Kakinada Range is Sea accreted land (Government land) as reported by the RDO in Rc. no. C/40/2021, dated: 17.02.2021. Hence, it will not attract provision of F(C) Act, 1980. <b>Copy enclosed.</b>
2	DFO may please be instructed to carryout inspection of the area identified for CA purpose once again to ascertain the actual numbers of trees that can be taken up for planting in the identified area and in case it is not possible to carryout required number of plantation in the identified non forest area i.e. 1000 trees/ ha, the remaining number of plants will be required to be raised in the degraded forest area. Hence, suitable DFL area may be identified and details of such DFL area may please be furnished.	The District Forest Officer, Kakinada has inspected the non-forest land over an extent of 9.77 ha offered for this project out of 24.04 ha identified by the user agency in Thurangi village, Kakinada Rural mandal of Kakinada Range for compensatory afforestation on 23.06.2023 and stated that the proposed CA area was covered with full of Mangrove vegetation and it is not possible to raise any plantation in this area.  Hence, the District Forest Officer, Kakinada has identified degraded



		forest land for compensatory afforestation purpose to an extent of 10.48 ha in compartment no.626, Anantharam beat, Rowthulapudi Section, Yeleswaram Range, Kakinada. Out of 10.48 ha, the District Forest Officer, Kakinada has prepared CA scheme to an extent of 9.77 ha with a financial amount of Rs. 51.00 lakh for a period of 12 years including raising of plantation and advance operations commencement from 2023-24 to 2034-35. <b>Copy of the CA scheme, Site inspection are enclosed herewith.</b>
3	CA scheme may please be revised accordingly and submitted;	CA Scheme revised and submitted herewith for it's approval.

The Government are requested to take necessary action for onward submission of the additional information to GoI, MoEF & CC, IRO, Vijayawada to accord clearance under Forest(Conservation) Act, 1980 as deemed fit in the matter.

Yours faithfully,  
Sd/-Y. Madhusudhana Reddy  
Prl. Chief Conservator of Forests &  
Head of Forest Force(FAC)

// True Copy//

*[Signature]*  
for Administrative Officer  
20/6/23

Government of Andhra Pradesh  
Forest Department

Rc.no.684/2021/D1  
Dated:29.06.2023

Office of the District Forest Officer,  
Kakinada division, Kakinada.

From  
Sri M.V.PrasadaRao,S.F.S.,  
District Forest Officer (FAC)  
Kakinada Division, Kakinada.

To  
The Chief Conservator of Forests,  
Rajahmundry Circle,  
Rajahmundry.

Sir,

Sub: APFD-F(C)Act,1980 – Diversion of 9.60 ha of forest land in Compt.no.154,156 of E.D. Pally and Compt.no.110,111 of Pegha RF in Chintur division for formation of road from Yedugurallapalli to Mallampeta in favour of EE, PR(PIU) division, Kakinada – Identification of DFL for CA purpose – Report submitted – Regarding.

Ref: 1)GoI,MoEF&CC,RO,Vijayawada F.no.4-APB173/2022-Vij/1006, dt.21.06.2023.  
2)PrI.CCF&HoFF,AP, Mangalagiri Rc.no.EFS02-15034/83/2018-FCA-Sec-PCCF/FCA-3, dt.22.06.2023.  
3)DFO,Chintur Rc.no.1492/2020/C4, dt.23.06.2023  
4)DFO, Kakinada Rc.no. 684/2021-D1; Dt:26-6-2023.  
5)CCF, Rjy Rc.no.41/2020-D1; Dt:27-6-2023.  
6)DFO, Kakinada Rc.no. 684/2021-D1; Dt:27-6-2023.  
7)PrI.CCF&HoFF,AP, Mangalagiri Rc.no.EFS02-15034/1723/2020-IT(ii), dt.29.06.2023.

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In response to the instructions issued in the references 1<sup>st</sup> and 2<sup>nd</sup> cited, the point-wise information is submitted herewith regarding the identification of degraded forest land, legal status of CA land and revising of CA afforestation action plan in lieu of diversion of forest land for formation of the road from Yedugurallapalli to Mallampeta in Chintur Division in favour of EE, PR(PIU) division, Kakinada. The point-wise information is submitted as detailed below.

S.no.	EDS raised by GoI,MoEF&CC,IRO, Vijayawwda	Reply
1	Whether identified area (claimed to be non-forest area) attracts provisions of FCA, 1980 or otherwise. Actual legal status of the area in the government record may also be informed along with the supporting documents;	The non-forest land over an extent of 59.40 Acres (24.04 ha) offered by the User Agency in Thurangi Village, Kakinada Rural Mandal of Kakinada Range is Sea accreted land (Government land) as reported by the RDO in Rc. no. C/40/2021, dated: 17.02.2021. Hence, it will not attract provision of FCA,1980. Copy enclosed.
2	DFO may please be instructed to carryout inspection of the area identified for CA purpose once	The District Forest Officer, Kakinada has inspected the non-forest land over an extent of 9.77 ha offered for this project out of

	<p>numbers of trees that can be taken up for planting in the identified area and in case it is not possible to carryout required number of plantation in the identified non forest area i.e. 1000 trees/ ha, the remaining number of plants will be required to be raised in the degraded forest area. Hence, suitable DFL area may be identified and details of such DFL area may please be furnished.</p>	<p>24.04 ha identified by the user agency in Thurangi Village, Kakinada Rural mandal of Kakinada Range for compensatory afforestation on 23.06.2023 and stated that the proposed CA area was covered with full Mangrove vegetation and it is not possible to raise any plantation in this area.</p> <p>Hence, the District Forest Officer, Kakinada has identified degraded forest land for compensatory afforestation purpose to an extent of 10.48 ha in compartment no.626, Anantharam beat, Rowthulapudi Section, Yeleswaram Range, Kakinada. Out of 10.48ha, the District Forest Officer, Kakinada has prepared CA scheme to an extent of 9.77 ha with a financial amount of Rs. 51.00 lakh for a period of 12 years including raising of plantation and advance operations commencement from 2023-24 to 2034-35. Copy of the CA scheme, Site inspection has uploaded.</p>
3	<p>CA scheme may please be revised accordingly and submitted;</p>	<p>CA Scheme revised and submitted herewith for it's approval.</p>

This is submitted for favour of information and necessary action.

Yours faithfully

  
 29/06/23  
 District Forest Officer,  
 Kakinada.

Copy to Divisional Forest Officer, Chintur division, Chintur for information and it is requested to upload in Ministry's web portal.

Copy submitted to the Principal Chief Conservator of Forests Head of Forest Force, Andhra Pradesh, Mangalagiri for favour of kind information and necessary action.



**Government of Andhra Pradesh  
Forest Department**

Rc.No. 684/2021-D1,  
Dated: 26.06.2023.

Office of the District Forest Officer,  
Kakinada Division, Kakinada.

From  
Sri.M.V.Prasada Rao, S.F.S.,  
District Forest Officer (FAC),  
Kakinada Division,  
Kakinada

To  
The Chief Conservator of Forests,  
Rajahmundry Circle,  
Rajamahendravaram.

Sir,

Sub: APFD - F(C) Act, 1980 - Diversion of 9.60 ha. of Forest land in Compt.no.154,156 of E.D.Pally and compt. no.110, 111 of Pegha RF in Chintur Division for formation road from Yedugurallapalli to Mallampeta in favour of E.E. PR (PIU) Division, Kakinada - Identification of degraded forest land - Report submission - Reg.

Ref: 1.GoI, MoEF & CC, IRO, Vijayawada F.no.4-APB173/2022-VIJ/1006; Dt:21-06-2023.

2.PrI.CCF & HoFF, AP, Mangalagiri Rc.no. EFS02-15034/83/2018-FCA SEC- PCCF/FCA-3, Dt:22.06.2023.

3.DFO, Chintur Rc.no.1492/2020/C4; Dt:23-06-2023.


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In compliance to the instructions issued in the reference 1<sup>st</sup> and 2<sup>nd</sup> cited, I am herewith submitting the Compensatory Afforestation Scheme Proposals for the Afforestation in 9.77 ha of degraded forest land inlieu of diversion of 9.60 ha. of Forest land in Compt.no.154,156 of E.D.Pally and compt. no.110, 111 of Pegha RF in Chintur Division for formation road from **Yedugurallapalli to Mallampeta** in favour of Executive Engineer, Panchayatraj (PIU) Division, Kakinada with a financial outlay of Rs.51.00 lakh.

This is submitted for favour of kind information.

Encl: As Above.

Yours faithfully

  
26/06/23  
District Forest Officer (FAC),  
Kakinada Division, Kakinada.

26.06.2023

Copy to the Divisional Forest Officer, Chintur Division, Chintur for information and necessary action.

Statement showing the Operations for 9.77 Ha degraded forest Land for Compensatory Afforestation in Compartment No.626 of Anantharam RF of Anantharam Beat of Yeleswaram Range in Kakinada Division of Rajahmundry Circle (As per FSR 2022-23) for diversion of forest land formation of road from Yedugurallapalli to Mallampeta Infavour of Executive Engineer, PR(PIU), Kakinada

Sl. No.	Description	2023-24			2024-25			2025-26			2026-27			2027-28			2028-29			2029-30			2030-31			2031-32			2032-33			2033-34			2034-35			Total		
		Phy	Rate	Fin	Phy	Rate	Fin	Phy	Rate	Fin	Phy	Rate	Fin	Phy	Rate	Fin	Phy	Rate	Fin	Phy	Rate	Fin	Phy	Rate	Fin	Phy	Rate	Fin	Phy	Rate	Fin	Phy	Rate	Fin	Phy	Fin				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
I	Degraded Forest Land (DFL) Operations in Compt.No.626 of Anantharam RF, Yeleswaram Range of Kakinada Division.																																							
1	Advance operations including raising of Nursery (NTSH species)	9.77	0.457	4.465																																	9.77	4.46		
2	Nursery Infrastructure	LS	LS	5.00																																	LS	5.00		
3	Raising of plantations including maint of nursery					9.77	0.988	9.653																													9.77	9.65		
4	1st year maintenance							9.77	0.309	3.019																											9.77	3.01		
5	2nd year maintenance										9.77	0.326	3.185																								9.77	3.18		
6	3rd year maintenance													9.77	0.300	2.931																					9.77	2.93		
7	4th year maintenance														9.77	0.330	3.224																				9.77	3.22		
8	5th year maintenance																	9.77	0.363	3.547																	9.77	3.54		
9	6th year maintenance																			9.77	0.008	0.078															9.77	0.078		
10	7th year maintenance																					9.77	0.008	0.078													9.77	0.078		
11	8th year maintenance																									9.77	0.009	0.088										9.77	0.088	
12	9th year maintenance																												9.77	0.010	0.098							9.77	0.098	
13	10th year maintenance																																					9.77	0.107	
	Total Planting cost:			9.465			9.653			3.019			3.185			2.931			3.224			3.547			0.078		0.078			0.088			0.098			0.107		35.473		
14	SMC Works in DFL area such as Cattle proof trench, MPTs, Semilunar trenches, RFDs etc., 15% on planting cost			1.420			1.448			0.453			0.478			0.440			0.484			0.532			0.012		0.012			0.013			0.015			0.016		5.321		
	Total:			10.885			11.101			3.472			3.663			3.371			3.708			4.078			0.090		0.090			0.101			0.112			0.124		40.794		
15	Over heads (10%)			1.088			1.110			0.347			0.366			0.337			0.371			0.408			0.009		0.009			0.010			0.011			0.012		4.079		
	DFL TOTAL			11.973			12.211			3.819			4.029			3.708			4.078			4.486			0.099		0.099			0.111			0.124			0.136		44.873		
II	Non Forest Land (NFL) Operations Thurangi village of Kakinada rural mandal of Kakinada Range, Kakinada division (9.77 ha)																																							
1	Development and Protection of Mangrove forest such as Watch and ward etc.,			1.000			1.000			0.500			0.500			0.500			0.500			0.500			0.400		0.300			0.300			0.300			0.327		6.127		
	NFL TOTAL			1.000			1.000			0.500			0.500			0.500			0.500			0.500			0.400		0.300			0.300			0.300			0.33		6.127		
	GRAND TOTAL			12.97			13.211			4.319			4.529			4.21			4.58			4.99			0.50		0.40			0.41			0.42			0.46		51.000		

26/06/23  
District Forest Officer  
Kakinada Division, Kakinada

26.06.2023

Ref. C/ 40 / 2021 dt. 17.02.2021

Revenue Divisional Office, Kakinada.

From  
Sri A.G.Chinni Krishna, M.A  
Revenue Divisional Officer,  
Kakinada.  
Sir,

To  
The Executive Engineer,  
PR (PIU) Division.,  
Kakinada.

- Sub- Allotment of Land - PR Circle - Kakinada Rural Mandal - RCPL WE - F  
Act 1980 - Road from Chinturu to Lakkavaram via Karuvuluru  
Chadalaravada - Identification of non forest land for compensatory  
Afforestation identify the land - Report - Submitted - Regarding.
- Ref- 1. Lt. Rc. No. AE1/RCPLWE/Forest Clearance/2020 ted. 15.02.2021 of  
Superintending Engineer, P.R. Circle, Kakinada.  
2. This office Ref C/994/2020 dt. 3.9.2020.  
3. Ref.B/422/2020, dt.26.12.2020 of Tahsildar, Kakinada Rural.

I invite attention to the references cited.

In the ref 1<sup>st</sup> cited, the Executive Engineer, P.R. (PIU) Division, Kakinada informed that 5 works (relating to Maredumilli & Chintur Mandals) were administratively sanctioned under RCPLWE & PMGSY programmes and that the equivalent non forest land for compensatory afforestation in lieu of diversion of Forest land of an extent of Ha. 45.78 or Ac. 113.07 cts is required and to be identified for the above 5 works and requested the Revenue Divisional Officer, Kakinada to identify the equivalent non forest land for compensatory afforestation in lieu of diversion of forest land.

In this connection it is to inform that an extent of Ac. 7.00 cts of Sea accreted land at Uppalanka H/o Gurajanapalli (V) of Karapa Mandal was identified and already handed over to Forest Department for this purpose.

Further the remaining extent i.e., Ac. 106.07 cts (Ac. 113.07 - Ac. 7.00 cts) of Sea accreted land is identified in the following mandals in Kakinada Division.

SLNo.	Mandal	Village	Extent in Acres
1.	Kakinada Rural	Turangi	59.40
2.	Karapa	Uppalanka H/o Gurajanapalli	32.81
3.	Kakinada Urban	Yetimoga	13.86
		Total	106.07

The above land may be handover to forest department for compensatory afforestation in lieu of diversion of forest land for the 5 works.

The sketches showing the lands are herewith enclosed.

Encl: As above

Yours faithfully,

Revenue Divisional Officer,  
Kakinada.

Copy submitted to the District Collector, Kakinada for favor of information.



**SITE INSPECTION REPORT OF COMPENSATORY AFFORESTATION  
AREA (NON FOREST C.A LAND) OVER AN EXTENT OF 9.77 HA.  
IN KAKINADA RANGE OF KAKINADA (TERRITORIAL) DIVISION.**

**Dt:23-06-2023**

As per the directions issued in hand book of Forest Conservation Act, 1980 guidelines communicated vide GoI, MoEF, New Delhi F.No.5-2/2017-FC, Dt.28-03-2019, and as per the special provisions of the said guidelines, Compensatory Afforestation shall be raised and maintained at the cost of user agency on Compensatory afforestation land in extent the forest land diverted in case of the projects implemented by the Central Government/PSUs and State Sector Projects implemented by the Central Government/PSUs.

As per these guidelines, it is mandatory to raise Compensatory Afforestation over equal extent of forest area diverted in lieu of diversion of 9.60 ha. of forest land in Compt.no.154,156 of E.D. Pally and compt no.110, 111 of Pegha RF in Chintur Division for formation road from Yedugurallapalli to Mallampeta in favour of E.E. PR (PIU) Division, Kakinada.

**CA AREA PROPOSED FOR TREATMENT:** The following forest area is identified for raising Compensatory afforestation, over an extent of 9.77 ha. in Kakinada division of Kakinada district as follows:

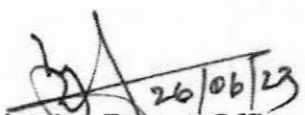
Sl. No.	Name of the Range	Name of the area	Total extent of area	Sy.no
1	Kakinada	Thurangi village of kakinada rural mandal of Kakinada Range, Kakinada division	9.77 ha.	Thurangi village


The CA Area was inspected by me on 23-06-2023 along with the Forest Range Officer, Kakinada and concerned staff and the proposed CA area was covered with full Mangrove vegetation and it is not possible to raise any plantation in this area @1000 plants per ha as per the condition no.2.4 (vi) of Hand Book of Guidelines & Clarifications issued under Forest (Conservation) Act, 1980.

*"Condition no.2.4 (vi): State government shall prepare a CA scheme with 1000 plants per ha for all such non-forest lands. In case it is not possible to raise plantation at the rate of 1000 plants per ha on the selected non-forest land, then the balance plants shall be planted on degraded forest land as per working plan prescriptions. All forest lands which have crown density below 40 percent should only be treated as degraded forest land for the purpose of CA".*

This CA area was adjoining to the another CA area identified for the Vetukuru to Siripuram road and the IRO, Vijayawada has inspected these CA areas and issued instructions vide condition no. iv of In-principle (stage-I approval) **for identification of the degraded forest land to accommodate required number of the plants in the CA area i.e., 1000 plants / ha.**

In view of the above, it is required to identify the degraded forest land for Compensatory Afforestation to plant @1000 plants/ha for 9.77 ha.

  
26/06/23  
District Forest Officer,  
Kakinada Division, Kakinada.

  
26.06.2023

**SITE INSPECTION REPORT OF DEGRADED FOREST LAND (DFL AREA) OVER AN EXTENT OF 9.77 HA. IN YELESWARAM RANGE OF KAKINADA DIVISION. Dt: 24-06-2023**

The Non Forest CA land was identified over an extent of 9.77 ha in Thurangi village of kakinada rural mandal of Kakinada Range, Kakinada division in lieu of diversion of forest land for formation road from Yedugurallapalli to Mallampeta in favour of E.E. PR (PIU) Division, Kakinada. But, the proposed CA area was covered with full Mangrove vegetation and it is not possible to raise any plantation in this area @1000 plants/ha as per the condition no.2.4 (vi) of Hand Book of Guidelines & Clarifications issued under Forest (Conservation) Act, 1980. Hence, it is proposed to identify the degraded forest land for Compensatory Afforestation to plant @1000 plants/ha for 9.77 ha.

**DEGRADED FOREST LAND PROPOSED FOR TREATMENT:** As per the condition no.2.4 (vi) of Hand Book of Guidelines & Clarifications issued under Forest (Conservation) Act, 1980 the following Degraded Forest Land was identified for raising Compensatory afforestation, over an extent of 9.77 ha in Yeleswaram range of Kakinada division, Kakinada:

Sl. No.	Name of the Range	Details of degraded forest land	Total extent of area
1	Yeleswaram	Anantharam RF, Compt.no. 626, Anantharam Beat, Rowthulapudi Section, Yeleswaram Range, Kakinada division	9.77 ha.

The Degraded forest land was inspected by me on 24-06-2023 along with the Forest Range Officer, Yeleswaram and concerned staff. The forest type is medium scrub jungle and density in the proposed land was below 0.4. The following species are existing in this area.

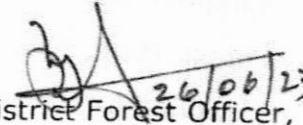
S.No	Name of the Species	Common name
1	<i>Soymida febrifuga</i>	Somitha
2	<i>Madhuca indica</i>	Ippa
3	<i>Chloroxylon swietenia</i>	Billudu
4	<i>Emblica officinalis</i>	Usiri
5	<i>Dendrocalamus strictus</i>	Bamboo
6	<i>Wrightia tinctoria</i>	Ankudu
7	<i>Cassia fistula</i>	Rela



8	<i>Lannea coromandelica</i>	Gumpena
9	<i>Cleistanthus collinus</i>	Kodisa
10	<i>Acacia sundra</i>	Sandra

The following works are to be proposed in the degraded forest land:

1. ANR planting is proposed for entire area i.e., 9.77 ha with 1000 plants per ha with suitable species like *Soymida febrifuga*, *Madhuca indica*, *Emblica officinalis* and *Dendrocalamus strictus* etc.,
2. Raising of Nursery including maintenance.
3. SMC Works proposed in DFL area such as Cattle proof trench, MPTs, Semilunar trenches, RFDs etc.,
4. Watch and ward for plantation.
5. Over heads.

  
 District Forest Officer,  
 Kakinada Division, Kakinada.

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 26.06.2023

DATA

Area - 9.77 ha

**NAME OF THE WORK:** The Scheme Proposals for the Afforestation in 9.77 ha of degraded forest land in lieu of Diversion of 9.60 ha. of Forest land in Compt.no.154,156 of E.D. Pally and compt no.110, 111 of Pegha RF in Chintur Division for formation road from Yedugurallapalli to Mallampeta in favour of E.E. PR (PIU) Division, Kakinada

Unit: 1 ha

Espacement : 1000plant

Sl.no.	Name of the component		Amount Rs.
1	<b>Advance Operations -2023-24</b>		
	a) Advance Opearations 2023-24	-	5500
	b) Raising of Nurseries 2023-24 (Including Casualities $1000 \times 20\% = 200$ , $1000 + 200 = 1200 \times 33.47 = 40164$ )	-	40164
	<b>Total</b>	-	<b>45664</b>
			<b>or</b>
			<b>45700</b>
2	<b>Raising of Plantation -2024-25 ( Including Maintenance of Nurseries, Raising of Plantation and Maintenance of Plantation)</b>		<b>Amount Rs.</b>
	a) Maintenance of Nursery 2024-25 (Including Casualities $1000 \times 20\% = 200$ , $1000 + 200 = 1200 \times 4.82 = 5784$ )	-	5784
	b) Raising of plantation 2024-25	-	83800
	c) Raising of nursey for 1st year maintenance of plantation (25 % Casualities = $1000 \times 25\% = 250$ , $250 \times 36.82 = 9205$ ) ( $33.47 \times 10\% = \text{Rs.} 36.82$ )	-	9205
	<b>Total</b>	-	<b>98789</b>
			<b>or</b>
			<b>98800</b>
3	<b>1st year Maintenance of Plantation - 2025-26</b>		<b>Amount Rs.</b>
	a) Maintenance of Nursery for 1st year Mtc.of plantation 2025-26 (25 % Casualities = $1000 \times 25\% = 250$ , $250 \times 5.30 = 1325$ )	-	1325
	b) 1st year maintenance of plantation 2025-26	-	29500
	<b>Total</b>	-	<b>30825</b>
			<b>or</b>
			<b>30900</b>

26/06/23  
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Kakinada Division, Kakinada

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**Data for raising of Primary beds for raising 5"x9" size bag nursery 2022-23**


Unit: 1 Bed

Sl. No.	Quantity	Description of the Work	FSR 2022-23	Unit	Rate	Per	Amount
1	1	Preparation of site by clearing growth of unwanted species, uprootal of stumps and removal of surface stones etc. - New site	1.1.1	Beds	70.50	1	70.50
2	1	Digging soil to a depth of 30 cm. (10x1x0.30 = 3.0 cum per bed) (3.64 mandays @ Rs.525/- Per manday = 525*3.64/10*3 = 502.32) (As per CSSR 2020-21 labour rates item III.3-LAB-00120)	1.1.3	Beds	573.30	1	573.30
3	1.250	Cost of sandy soil (50% of dugup quantity) taken from private lands and transportation over 5 km. lead including loading and unloading charges by manual means (Sandy soil and FYM. in 5:1 proportion) 0.125 cum per bed (of size 1mx1mx0.30m)	1.1.4	Cum	587.70	1	734.63
4	0.250	Cost and transport of farm yard manure (Sandy soil and FYM. in 5:1 proportion) @ 0.025 cum per bed (Proportionate rate and quantity for 10Mx1Mx0.30M)	1.1.5	Cum	600	1	150.00
5	1	Preparation of soil mixture of red earth, sand and farm yard manure in 5:1 proportion and formation of bed by refilling the excavated portion of the bed with soil mixture (Proportionate rate for 10Mx1Mx0.30M)	1.1.6	Beds	147.90	1	147.90
8	5	Cost of seed (Average rate of 5 species)		Kgs	211.63	1	1,058.15
9	1	Seed treatment for other species	1.8.2	Beds	67.76	1	67.76
10	1	Sowing of seed and covering the seed with hay including cost and conveyance to a thickness of 2.5 cm.	1.9.1	Beds	16.78	1	16.78
11	1	Cost of hay & conveyance to nursery site.	1.9.3	Beds	25.28	1	25.28
12	1	Watering the primary nursery beds -with rose water cans for a maximum two months (proportionate rate) manually	1.10.7	Beds	187.80	1	375.60
13	8	Weeding the primary beds for a maximum period of 2 times	1.10.8	Beds	27.80	1	444.80
14	1	Cost of Pesticides / Fertilizers	1.10.48	Beds	100.00	1	100.00
15	1	Application of fertilisers.	1.10.49	Beds	4.92	1	4.92
16	1	Cost of Protection: 1 Watch & Ward (8 Months August to March) (Rate as per RSSR for 26 days @ Rs.245/- per day) upto 100 beds and for above 100 beds 2 watch and ward.	Rs.245/- per day	Months	560.56	1	560.56
17	L.S	Contingencies and unforeseen items like Cost of Pipes/ Nursery Board / Nursery implements/ Electricity Bill/ Running & Maintenance Charges of Oil Engine etc.,	LS		≤10%		432.29
<b>Total</b>							<b>4,762.47</b>

Rate for 2022-23 for raising of 1 Bed size 10x1x0.30 NTSHW seedlings = Rs.4762

Rate for 2022-23 per each seedling = 4762/1100 = Rs.4.33

Rate for 2023-24 = 4.33\*10% = Rs.4.76

  
District Forest Officer  
Kakinada Division, Kakinada

26.06.2023



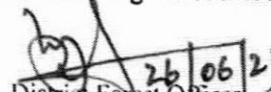
**Data for raising of 5" X 9" Bag nursery 2022-23**

Unit: 1000 Nos.

Sl. No.	Quantity	Description of the Work	FSR 2022-23	Unit	Rate	Per	Amount
1	3.31	Cost of Polythene bags @ 170.50/- per kg (5x9-200/3300 =2.732*1100/ 1000*10% extra towards wastage= 3.3057 Kg =366 bags per kg) including VAT	As per tender rate	Kgs	170.50	1	563.62
2	1000	Site Preparation-New site-Clearing of growth, uprootal of stumps and removal of surface stones, rubbish of all sorts etc.,	1.7.1	No.	42.28	1000	42.28
3	1100	Cost and transport of ingredients for potting mixture Red earth, Sand, Tank silt/ Clay & FYM/Vermi compost in 2:1:1:1 Ratio. 12.5cm X 22.5 cm (5"x9")- 1.12 cum (Data as per CSSR)	1.7.4	No.	1148.14	1000	1262.95
4	1100	Preparation of potting mixture Red earth, Sand, Tank silt /Clay and FYM /Vermi Compost in 2:1:1:1 ratio 12.5cmX22.5cm (5"X9") 1.12 cum	1.7.9	No.	948.77	1000	1043.65
5	1100	Pricking out seedlings from primary beds and transplanting in bags	1.9.7	No.	191.29	1000	210.42
6	250	Replacement of Casualties upto a maximum of 25%	1.9.7	No.	191.29	1000	47.82
7	1000	Watering the bag nursery from November to March. Twice a day for 5 months	1.10.12	No.	207.97	1000	623.91
8	1000	Weeding only two times for 10mX 1m X size bed 12.5cmX22.5cm (5"X9") bags (1700nos/ bed)	1.10.16	No.	40.12	1000	160.48
9	1000	Shifting, grading and rearranging bags in beds	1.11.2	No.	168.48	1000	168.48
11	1	Providing Plantation/ Nursery board, Painting and fixing (Unit taken with a minimum of 5000 bag nursery)	5.4.25	No.	1894.74	1	378.948
12	1000	Cost of chemicals	1.10.56	No.	Actuals	1000	100
13	1000	Cost of cow dung slurry	1.10.58	No.	Actuals	1000	100
14	1000	Application cow dung slurry	1.10.59	No.	283.06	1000	283.06
12	LS	Contingencies and other unforeseen items not exceeding 10% of estimated cost					498.62
13	1200	Added for Primary Bed cost	As per data	No.	4.33	1	5196.00
<b>TOTAL</b>							<b>10680.24</b>

Rate for 2022-23 for raising of 1000 nos 5"x9" seedlings =Rs.10680/-. Therefore the rate per each seedling =10680/1000=

Rate for 2023-24 per each seedling = 10.68\*10% = Rs.11.75

  
 District Forest Officer  
 Kakinada Division, Kakinada

26.06.2023  
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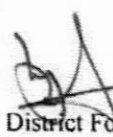
**Data for Maintenance of 1,000 Nos 5"x9" Bag nursery 2022-23**

**Unit: 1000 Nos.**

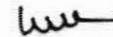
Sl. No	Quantity	Description of the Work	FSR 2022-23	Unit	Rate	Per	Total Amount
1	1,000	Watering the plants for 10 m X 1 m size bed 12.5 X 22.50 cm (5"X 9") bags, for 4 months i.e. April to July	1.10.20	1000 Nos / Month	207.97	1000	832.00
2	1,000	Weeding four times for 10 m X 1 m size bed 12.5 X 22.50 cm (5"X 9") bags, for 4 months i.e. April to July	1.10.24	1000 Nos / Weeding	40.12	1000	160.00
3	1,000	Shifting and grading and re-arranging in beds for 10 m X 1 m size bed 12.5 X 22.50 cm (5"X 9") bags, two shifts in maintenance year for 4 months i.e. April to July.	1.11.6	1000 Nos / Shifting	168.48	1000	337.00
4	1,000	Cost and conveyance of Cow dung slurry	As per market rate 1.10.58	No.	600	1000	600.00
5	1,000	Application of cow dung slurry at the rate of 100ml to 250 ml / Chemical fertilizers / Vermicompost per plant monthly twice (Two times in maintenance year)	1.10.59	1000 Nos / 1 time	283.06	1000	566.00
6	LS	Contingencies and unforeseen items such as cost of Diesel Oils and current Charges etc.,	Special Conditions 43 (a)	≤5%	-	-	125.15
<b>TOTAL</b>							<b>2,620.15</b>

Rate for 2022-23 per each seedling = 2620/1000 = Rs.2.62

Rate for 2023-24 per each seedling = 2.62\*10% = Rs.2.88

  
District Forest Officer

Kakinada Division, Kakinada

  
26.06.2023

# UNIT COST

RAISING OF BAG PLANTS NURSERY 8"x12" X 400 GAUGE 2022-23

Unit 1000 Bags.

Sl. No.	Qty.	Details of work	FSR 2022-23	Rate	Per	Amount
1	1000/ 1.25 bed	Site preparation for old site - Clearing of growth, weeds, grass etc.,	1.7.2	22.48	800/bed	28.10
2	1000/ 11.63 Kg.	Cost of polythene bags	As per tender rate	170.50	Kg.	1982.92
3	1000	Cost of Plant - 5x9 (Raising + Mtc = 11.75+2.88= 14.63 or 15.00)		15.00	1	15000.00
4	1000	Cost and transport of ingredients for Potting mixture Red earth,, sand, Tank silt/Clay, FYM/Vermicompost in 2:1:1:1 ratio for 8"x12" (3915.98-1148.14=2767.84)	1.7.6	2767.84	1000	2767.84
5	1000	Preparation of potting mixture Red earth,, sand, Tank silt/Clay, FYM/Vermicompost in 2:1:1:1 ratio by powdering of various ingredients, sieving and mixing them in the prescribed proportion, Opening the bags and filling with potting mixture and gently pressing the same with finer tips and arranging in beds for 8"x12" (2928.48-847.12=2081.36)	1.7.12	2081.36	1000	2081.36
6	1000	Transplanting in the bags.	1.9.9	295.50	100	2955.00
7	1000	Watering the bag plants for 4 months	1.10.14	394.60	1000	1578.40
8	1000	Weeding only four times	1.10.18	76.10	1000	304.40
9	1000	Shifting & grading for 1 shift	1.11.4	319.69	1000	319.69
10	1000	Cost of Chemicals	1.10.56	Actuals	1000	200.00
11	1000	Cost of cow dung slurry	1.10.58	Actuals	1000	200.00
12	1000	Application of cow dung slurry @ 100 ml to 250 ml per plant one time (watering should not be done 12 hours before and after application of cow dung slurry)	1.10.59	252.74	1000	252.74
13	1000/1.25 beds	Contingencies (10%)		LS		2767.80
		Rate as per FSR 2022-23				30438.25

2022-23 Rate per plant = 30438/1000 = Rs.30.43

2023-24 Rate per plant = 30.43\*10% = Rs.33.47

2024-25 Rate per plant = 33.47\*10% = Rs.36.82

26/06/23  
District Forest Officer  
Kakinada Division, Kakinada

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26.06.2023

**DATA**

**Maintanance of Tall Plants Nursery in Polypots Size 8"x12" with 400 Guage for 2022-23.**

**Unit : 1000 Nos / Per Bed**

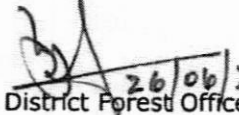
Sl. No.	Quantity	Description of the Work	FSR 2022-23	Rate for 2022-23	Per	Amount for 2022- 23
1	1,000	Watering the bag plants for 4 months	1.10.22	441.95	1000/ month	1768
2	1,000	Weeding only four times in 10m x 10 size bed 8"x12" bags	1.10.26	85.23	1000/ weeding	341
3	1,000	Shifting & grading for 2 shifts	1.11.8	358.05	1000/ shift	716
4	1,000	Cost of cow dung slurry	1.10.58	Actuals	1000	200
5	1,000	Application of cow dung slurry @ 100 ml to 250 ml per plant two times in maintenacew year (Watering should not be done 12 hours before and after application of cow dung slurry (2 times)	1.10.59	283.06	1000/ time	566
6	1,000	Cost of Chemicals	1.10.56	Actuals	1000	200
7	1,000	Contingencies (5%)		LS		193
		<b>Rate as per FSR 2022-23</b>				<b>3984</b>

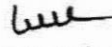
2022-23 Rate per plant = 3984/1000 = Rs.3.98

2023-24 Rate per plant = 3.98\*10% = Rs.4.38

2024-25 Rate per plant =4.38\*10% = Rs.4.82

2025-26 rate per plant = 4.82\*10% = Rs.5.30

  
 District Forest Officer  
 Kakinada Division, Kakinada

  
 26.06.2023



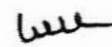
# DATA FOR ADVANCE OPERATIONS OF NTHW PLANTATION 1000PLANTS / HA (Unit-1ha)

Unit 1 ha  
Espacement 1000 nos / ha

Sl. No	Description of work	FSR 2022-23 (10% hike)	Qty.	Rate (Rs.)	Add 25 % AA	Total	Per	Amount (Rs )	calender of operations
1	2	3	4	5	6	7	8	9	10
1	Survey with GPS (Only staff to carry out GPS survey, one manday is allowed for assistance)	5.1.1	1	269.5		269.50	1	270	Dec/Jan
<b>Specification:-</b> Survey & demarcation of plantation sites by cutting boundary line to a width of 2m - New area									
2	Preparation of site for planting by clearing thorny unsaleable, unusable jungle growth, creepers, bushes etc., spreading the cut material allover the site and burning the same. -Sparse Jungle growth (< 10% ground area covered with Jungle growth	2.1.1	1	2963.09		2963.09	ha	2963	Dec/Jan
<b>Specification:-</b> Preparation of site for planting by clearing thorny unsaleable, unusable jungle growth, creepers, bushes etc.,									
3	Dragging unburnt material and keeping outside the plantation site	2.1.21	1	2087.32		2087.32	ha	2087	Dec/Jan
4	Contingencies							189	
								5509	

  
26/06/23  
District Forest Officer

Kakinada Division, Kakinada

  
26.06.2023

**DATA FOR RAISING OF NTHW PLANTATION 1000PLANTS / HA**

Unit 1 ha      Espacement : 1000plant /ha.

Sl. No	Description of work	FSR 2022-23 (10% hike)	Qty.	Rate (Rs.)	Add 25 % AA	Total	Per	Amount (Rs.)	calender of operations
1	2	3	4	5	6	7	8	9	10
1	Clearing rank growth at the planting point for plants	2.1.16	1000	275.418		275.42	100	2754	April
2	Cost of 0.45 m stake- preparation and transportation to site. (RSSR Sl.No.19 Cat-1 (c))	2.2.1	1000	67.287		67.287	100	673	April
3	Alignment and stacking including laying base line for teak, casuarina with espacement 3m x 3m (1110 Nos)	2.2.3	1000	126.19		126.19	100	1262	May
4	Formation and maint. of inspection paths & sector lines in planting year	5.4.2	200	10.54		10.54	1	2108	May
5	Digging of 45 cm. cube pits (0.45x0.45x0.45=0.091*228.99=20.866) RSSR 6 (e)	2.3.9	1000	20.87		20.87	1	20866	June / July
6	Transport of Bag plants / Root trainers plants from nursery site to plantation site including loading and unloading upto 5 km lead (approved in Pri CCF (HoFF), A.P., Hyderabad Rc. No. 9443/2012/CAMPA, dt. 26.06.2012) 20 x 30 cm (8"x12") bag plants including casuvalities (1000*20%=200+1000=1200)	2.4.4	1200	421.96		421.96	100	5064	June / July
7	Transport of Bag plants / Root trainers plants from nursery site to plantation site including loading and unloading beyond 5 KM extra for every KM, 20 x 30 cm (8"x12") bag plants (from nursery to Plantation site = 50 KM - 5 KM = 45 KM) 14.94*45=672.3 per 100 including casuvalities (1000*20%=200+1000=1200)	2.4.7	1200	672.3		672.3	100	8068	June / July
8	Planting in 0.45 X 0.45 X 0.45 Size pit (RSSR 2021-22 SL. No.20 (e) ii. @ 4.917/- each	2.5.7	1000	4.917		4.917	1	4917	June / July
9	Cost of Chemical fertilisers ( 20 gm. DAP for plant).1000*1=1000/100=10 Kgs	As per acutals	10	40		40	1	400	June / July
10	Application of fertilizer after planting by making 3 holes of 10 cmts depth with crow bar . 10 cm. away from plant amd putting fertilizers and closing	2.5.4	1000	55.88		55.88	100	559	June / July
11	Cost of Masonry Name board including painting, lettering and fixing	5.4.26	1	5221.96		5221.96	1	5222	July
	<b>Replacement of casualties</b>								
12	Reopening of 45 X 45 X 45 cm. = 0.091 cum. (per cum 200x0.091=20.87/2=10.43)	2.3.28	200	10.43		10.43	1	2087	August
13	Planting in 0.45 X 0.45 X 0.45 Size pit (RSSR 2018-19 SL. No.20 (e) ii. @ 4.917/- each	2.5.7	200	4.92		4.92	1	983	June / July
14	1st Circular Weeding to a radius of 0.5 m. around the plant - 1st time during July / August (PCCF Rc.No. 9443/ 2012/ CAMPA, dt.05.10.2012 )	2.7.4	1000	164.813		164.813	100	1648	July / August
15	2nd Circular Weeding to a radius of 0.5 m. around the plant - 2nd time during September / October (PCCF Rc.No. 9443/ 2012/ CAMPA, dt.05.10.2012 ) 2nd time	2.7.4	1000	164.813		164.813	100	1648	Sept/ Oct
16	Soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant during November/ December.	2.7.5	1000	290.62		290.62	100	2906	Nov/ Dec
17	Contingencies							1965	
	<b>Total per 1 ha</b>							<b>63129</b>	

For 9.77 ha

18 Watch and ward 1 no 12 Mon (407/day)  
Total

1 No

10582

10582 1 Mon

1 ha rate

2023-24  
2024-25

76126  
83739 or  
83800

616769  
126984  
743753  
76126

  
District Forest Officer  
Kakinada Division, Kakinada

26.06.2023

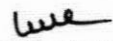
**Data for 1st Year maintenance of Non Teak Hard wood Species Plantation 1000plants /ha**

		Unit		1 ha		Espacement : 1000plant /ha.			
Sl. No	Cultural Operations	FSR 2022-23 (10% hike)	Qty.	Rate (Rs.)	Add 25 % AA	Total	Per	Amount (Rs.)	Calender of operations
1	2	3	4	5	6	7.00	8	9	10
1	1st Circular Weeding to a radius of 0.5 m. around the plant - 1st time during July / August and 2nd time during September / October (PCCF Rc.No. 9443/2012/ CAMPA, dt.05.10.2012 )	2.7.4	1000	164.81		164.81	100	1648	July / August
2	2nd Circular Weeding to a radius of 0.5 m. around the plant - 1st time during July / August and 2nd time during September / October (PCCF Rc.No. 9443/2012/ CAMPA, dt.05.10.2012 ) 2nd time	2.7.4	1000	164.81		164.81	100	1648	Sept/ Oct
3	Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows in High rainfall zone > 800 mm (as approved in FSR Zonal committee meeting dt.21.03.2013)	2.6.2	1	2291.432		2291.43	1	2291	July / Aug
4	Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows in High rainfall zone > 800 mm (as approved in FSR Zonal committee meeting dt.21.03.2013)	2.6.2	1	2291.432		2291.43	1	2291	Oct / Nov
5	Soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant during November/ December.	2.7.5	1000	290.62		290.62	100	2906	Oct / Nov
	Maintenance of inspection paths and sector lines	5.4.3	100	3.355		3.36	1 Rmt	336	Jan/Feb
6	Contingencies							269	
	<b>Total</b>							<b>11390</b>	
	<b>For 9.77 ha</b>							<b>111276</b>	
	Watch and ward 1 no 12 Mon (407/day)		1 No	10582		10582	1 Mon	126984	
	<b>Total</b>							<b>238260</b>	
						<b>1 ha rate</b>		<b>24387</b>	

2023-24  
2024-25  
2025-26

24387  
26826  
29508 or  
29500

  
 District Forest Officer  
 Kakinada Division, Kakinada

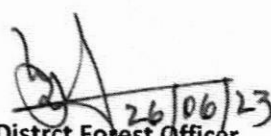
  
 26.06.2023

**Data for 2nd Year maintenance of Non Teak Hard wood Species Plantation 1000plants /ha**

		Unit			1 ha		Espacement : 1000plant /ha.		
Sl. No	Cultural Operations	FSR 2022-23 (10% hike)	Qty.	Rate (Rs.)	Add 25 % AA	Total	Per	Amount (Rs.)	Calender of operation s
1	2	3	4	5	6	7.00	8	9	10
1	1st Circular Weeding to a radius of 0.5 m. around the plant - 1st time during July / August and 2nd time during September / October (PCCF Rc.No. 9443/ 2012/ CAMPA, dt.05.10.2012 )	2.7.4	1000	164.81		164.81	100	1648	July / August
2	2nd Circular Weeding to a radius of 0.5 m. around the plant - 1st time during July / August and 2nd time during September / October (PCCF Rc.No. 9443/ 2012/ CAMPA, dt.05.10.2012 ) 2nd time	2.7.4	1000	164.81		164.81	100	1648	Sept/ Oct
3	Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows in High rainfall zone > 800 mm (as approved in FSR Zonal committee meeting dt.21.03.2013)	2.6.2	1	2291.43		2291.43	1	2291	July / Aug
4	Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows in High rainfall zone > 800 mm (as approved in FSR Zonal committee meeting dt.21.03.2013)	2.6.2	1	2291.43		2291.43	1	2291	Oct / Nov
5	Soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant during November/ December.	2.7.5	1000	290.62		290.62	100	2906	Oct / Nov
	Maintenance of inspection paths and sector lines	5.4.3	100	3.66		3.66	1 Rmt	366	Jan/Feb
6	Contingencies							286	
	<b>Total</b>							<b>11437</b>	
	<b>For 9.77 ha</b>							<b>111740</b>	
	Watch and ward 1 no 12 Mon (407/day)		1 No	10582		10582	1 Mon	126984	
	<b>Total</b>							<b>238724</b>	
	<b>1ha rate</b>					<b>1 ha rate</b>		<b>24434</b>	

2023-24  
2024-25  
2025-26  
2026-27

24434  
26878  
29566  
32522 or  
32600

  
 26/06/23  
 District Forest Officer  
 Kakinada Division, Kakinada

lue  
 26-06-2023



**Data for 3rd Year to 5th year maintenance of Non Teak Hard wood Species Plantation 1000plants /ha**

		Unit		1 ha		Espacement : 1000plant /ha.			
Sl. No	Cultural Operations	FSR 2022-23 (10% hlke)	Qty.	Rate (Rs.)	Add 25 % AA	Total	Per	Amount (Rs )	Calender of operation s
1	2	3	4	5	6	7.00	8	9	10
1	Circular Weeding to a radius of 0.5 m. around the plant - 1st time during July / August and 2nd time during September / October (PCCF Rc.No. 9443/ 2012/ CAMPA, dt.05.10.2012 )	2.7.4	1000	164.81		164.81	100	1648	July / August
2	Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows in High rainfall zone > 800 mm (as approved in FSR Zonal committee meeting dt.21.03.2013)	2.6.2	1	2291.43		2291.43	1	2291	July / Aug
3	Soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant during November/ December.	2.7.5	1000	290.62		290.62	100	2906	Oct / Nov
4	Maintenance of inspection paths and sector lines	5.4.3	100	3.66		3.66	1 Rmt	366	Jan/Feb
5	Contingencies							241	
	<b>Total</b>							<b>7453</b>	

For 9.77 ha

Watch and ward 1 no 12 Mon (407/day)

1 No

10582

10582 1 Mon

72812

126984

199796

Total

1ha rate

1 ha rate

20450

2023-24

20450

2024-25

22495

2025-26

24744

2026-27

27219

3rd year maint - 2027-28

29941 or

30000

4th year Mainenance - 2028-29

32935 or

33000

5th year Mainenance - 2029-30

36228 or

36300

  
District Forest Officer

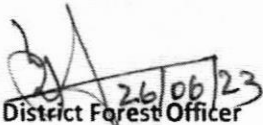
Kakinada Division, Kakinada

26.06.2023

**Data for 6th year to 10th year maintenance of Non Teak Hard wood Species Plantation 1000plants /ha**

		Unit		1 ha		Espacement : 1000plant /ha.			
Sl. No	Cultural Operations	FSR 2022-23 (10% hike)	Qty.	Rate (Rs.)	Add 25 % AA	Total	Per	Amount (Rs.)	Calender of operation s
1	2	3	4	5	6	7.00	8	9	10
1	Maintenance of firelines	5.4.3	100	3.66		3.66	1 Rmt	366	Jan/Feb
2	Contingencies							11	
	<b>Total for 1 ha</b>							<b>377</b>	

2023-24	377	
2024-25	415	
2025-26	456	
2026-27	502	
2027-28	552	
2028-29	607	
2029-30	668	
6th year Mainenance - 2030-31	735 or	800
7th year Mainenance - 2031-32	808 or	800
8th year Mainenance - 2032-33	889 or	900
9th year Mainenance - 2033-34	978 or	1000
10th year Mainenance - 2034-35	1076 or	1100

  
District Forest Officer

Kakinada Division, Kakinada

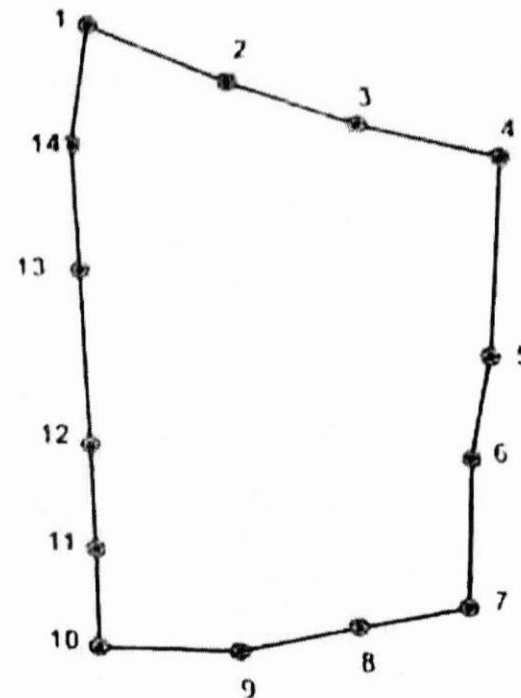
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26.06.2023

Map Showing the Degraded forest land Identified for CA in Comp.No 626 of Anantharam RF of Anantharam Beat of Eleswaram Range of Kakinda Division in lieu of Diversion of Forest land for formation road from Yedugurallapalli to Mallampeta in favour of E. E. PR(PIU) Division, Kakinada.



Total Assessed Area = 10.48 Ha

S.No	Point Name	Northing	Easting	Elevation	Latitude	Longitude
1	1	1923008.268	640815.367	138.843	17.38839	82.32558
2	2	1922966.008	640907.748	135.050	17.38800	82.32645
3	3	1922934.899	640993.410	133.271	17.38772	82.32725
4	4	1922911.195	641088.012	131.553	17.38750	82.32814
5	5	1922763.411	641081.712	135.650	17.38616	82.32807
6	6	1922687.766	641068.942	135.641	17.38548	82.32794
7	7	1922578.125	641065.930	138.248	17.38449	82.32791
8	8	1922562.757	640993.195	148.198	17.38435	82.32722
9	9	1922544.151	640915.111	157.609	17.38419	82.32649
10	10	1922545.948	640822.728	155.951	17.38421	82.32562
11	11	1922617.933	640821.267	150.097	17.38486	82.32561
12	12	1922695.510	640818.562	147.883	17.38556	82.32559
13	13	1922827.654	640811.265	144.786	17.38676	82.32553
14	14	1922921.332	640804.850	145.769	17.38760	82.32547



*K. Srinivas*  
27/6/2023  
Executive Engineer  
PIU Division, Kakinada

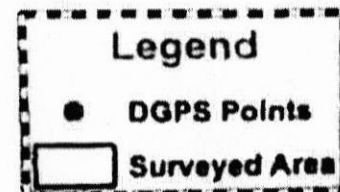
*[Signature]*  
FOREST RANGE OFFICER  
VELESWARAM

*[Signature]*  
24/6/2023  
FOREST RANGE OFFICER  
(GIS), O/o. Pri.CCF (HoFF)  
Aranya Bhavan, Guntur

*[Signature]*  
29/06/23  
District Forest Officer  
Kakinada Divn., Kakinada



The DGPS/GNSS/RTS data is only verified, the absolute locations of Points as per the Gazette Notification shall be verified by the concerned field officers.

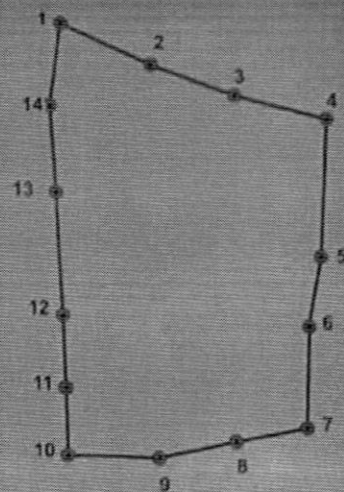


Map Showing the Degraded forest land Identified for CA in Comp.No 626 of Anantharam RF of Anantharam Beat of Eleswaram Range of Kakinda Division in lieu of Diversion of Forest land for formation road from Yedugurallapalli to Mallampeta in favour of E. E. PR(PIU) Division, Kakinada.

1:5000

Total Assessed Area = 10.48 Ha

S.No	Point Name	Northing	Easting	Elevation	Latitude	Longitude
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2	2	1922966.008	640907.748	135.050	17.38800	82.32645
3	3	1922934.899	640993.410	133.271	17.38772	82.32725
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10	10	1922545.948	640822.728	155.951	17.38421	82.32562
11	11	1922617.933	640821.267	150.097	17.38486	82.32561
12	12	1922695.510	640818.562	147.883	17.38556	82.32559
13	13	1922827.654	640811.265	144.786	17.38676	82.32553
14	14	1922921.332	640804.850	145.769	17.38760	82.32547



Encl. 1/5  
28/6/2023

FOREST RANGE OFFICER  
(GIS), O/o. PrI.CCF (HoFF)  
Aranya Bhavan, Guntur.

Legend

- DGPS Points
- Surveyed Area

The DGPS/GNSS/RTS data is only verified, the absolute locations of Points as per the Gazette Notification shall be verified by the concerned field officers

0 175 350 Meters



## PART – II

(To be filled by the concerned Deputy Conservator of Forests)

State Serial No. of Proposal: **FP/AP/ROAD/83794/2020**

7	Location of the Project/Scheme	:	Diversion of forest land 9.60 Ha. for up gradation/formation of BT road including construction of culverts from Edugurallapalli to Mallampeta of Chintur Mandal through Compt.No.154, 155 of E.D.Pally Beat, Kunavaram Range in Chintur Forest Division in favour of Executive Engineer(PR),PIU Division, Kakinada under FC Act, 1980 of Chintur Division in favour of Executive Engineer(PR),PIU Division, Kakinada																				
i)	State/Union Territory	:	Andhra Pradesh																				
ii)	District	:	East Godavari																				
iii)	Forest Division	:	Chintur																				
iv)	Area of forest land proposed for diversion (in Ha.)	:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">Sl. No.</th> <th style="width: 20%;">R.F.</th> <th style="width: 15%;">Compt.No.</th> <th style="width: 10%;">Length (in Mts.)</th> <th style="width: 10%;">Width (in Mts.)</th> <th style="width: 10%;">Area in Ha.</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Edugurallapalli Reserve Forest</td> <td>154 &amp; 155</td> <td rowspan="2" style="text-align: center;">12800</td> <td rowspan="2" style="text-align: center;">7.50</td> <td rowspan="2" style="text-align: center;">9.60</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Pega Reserve Forest</td> <td>110 &amp; 111</td> </tr> </tbody> </table>						Sl. No.	R.F.	Compt.No.	Length (in Mts.)	Width (in Mts.)	Area in Ha.	1	Edugurallapalli Reserve Forest	154 & 155	12800	7.50	9.60	2	Pega Reserve Forest	110 & 111
Sl. No.	R.F.	Compt.No.	Length (in Mts.)	Width (in Mts.)	Area in Ha.																		
1	Edugurallapalli Reserve Forest	154 & 155	12800	7.50	9.60																		
2	Pega Reserve Forest	110 & 111																					
v)	Legal status of forest	:	1. Edugurallapalli R.F., Notified U/s.4 of A.P.Forest Act,1967 vide G.O.Ms.No.759 F& A (For-III), dt.18.04.1968 2. Pega Reserve R.F., Notified U/s.16 of Madra Forest Act,1980 G.O.Ms.No.8075 (Land Revenue), dt.13.12.1889																				
vi)	Density of vegetation	:	Density of vegetation is 0.10																				
vii)	Species wise (scientific names) and diameter class-wise enumeration of tree (to be enclosed. In case of Irrigation/Hydel projects enumeration at FRL, FRL-2 meter & FRL-4 meter also to be enclosed.	:	There are no trees to be felled in the proposed forest land to be diverted.																				
viii)	Brief note on vulnerability of the forest area to erosion.	:	No Forest area will be effected to erosion.																				

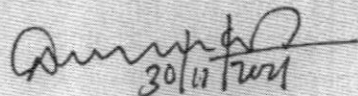
ix)	Approximate distance of proposed site for diversion from boundary of forest	:	The proposed Road passing through the Reserved Forest areas of Kunavaram Range.
x)	Whether forms part of National Park, Wild life sanctuary, biosphere reserve tiger reserve, elephant corridor, etc., (If so, the details of the area and comments of the Chief Wild Life Warden to be annexed).	:	--- No ---
xi)	Whether any rare/ endangered/ unique species of flora and fauna found in the area if so details thereof.	:	--- No ---
xii)	Whether any protected archaeological/ heritage site /defense establishment or any other important monuments is located in the area. If so, the details thereof with NOC from competent authority, if required.	:	--- No ---
8.	Whether the requirement forest land as proposed by the user agency in Col.2 of Part-1 is unavoidable and barest minimum for the project. If so, recommended area item wise with details of alternatives examined.	:	Yes, unavoidable and barest minimum.
9	Whether any work in violation of the Act has been carried out (Yes/No), if yes, details of the same including period of work done, action taken on erring officials. Whether work in violation is still in progress.	:	--- No ---
10	Details of Compensatory Afforestation scheme.	:	Enclosed



i)	Details of degraded forest area identified for compensatory Afforestation, its distance from adjoining forest, number of patches, size of each patch	:	9.60 Ha. Non-forest CA land was identified in Thurangi village of Kakinada Division.
ii)	Map showing non-forest/degraded forest area identified for Compensatory Afforestation and adjoining forest boundaries.	:	Enclosed
iii)	Detailed Compensatory Afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc.,	:	Compensatory Afforestation scheme was submitted by the Divisional Forest Officer, Kakinada Division, Kakinada.
iv)	Total Financial outlay for compensatory Afforestation scheme.	:	Rs. 51.00 Lakhs
v)	Certificates from competent authority regarding suitability of area identified for Compensatory Afforestation and from management point of view. (To be signed by the concerned Deputy Conservator of Forests).	:	Soil suitability certificate was submitted by the Divisional Forest Officer, Kakinada Division, Kakinada.
11	Site inspection report of the Deputy Conservator of Forests (To be enclosed) especially highlighting facts asked in Col.7 (xi,xii) 8 and 9 above.	:	Enclosed
12	Division / District Profile	:	East Godavari District/ Chintur Division
i)	Geographical area of the Division	:	2273 Sq.Kms
ii)	Forest area of the Division	:	1441.1653 Sq.Kms
iii)	Total Forest area diverted since 1980 with number of cases	:	2661.283 Ha. ( 8 cases)

iv)	Total Compensatory Afforestation stipulated in the district / division since 1980 onwards	:	674.728 Ha.
	a) Forest Land including penal Compensatory Afforestation.	:	--Nil---
	b) Non-forest land	:	674.728 Ha.
v)	Progress of Compensatory Afforestation as on (date).....	:	
	a) Forest Land	:	280.04
	b) Non-Forest Land	:	168.91
13	Specific recommendations of the DCF for acceptance or otherwise of the proposal with reasons.	:	The proposed road is useful for the interior tribal villages and there is no damage to the forest area. Hence recommended.

Date : 30/11/2011  
Place : Chintur


Signature   
Name V. SAIBABA  
Office Seal Divisional Forest Officer,  
Chintur Division, Chintur



## **SOIL SUITABILITY CERTIFICATE**

This is to certify that, I have inspected the degraded forest land selected in Anantharam RF, Compt.no.626, Anantharam Beat, Rowthulapudi Section of Yeleswaram Range, Kakinada division for raising of 9.77 ha of Compensatory Afforestation plantation in lieu of diversion of forest land of 9.60 ha. in Compt.no.154,156 of E.D. Pally and compt no.110, 111 of Pegha RF in Chintur Division for formation road from Yedugurallapalli to Mallampeta in favour of E.E. PR (PIU) Division, Kakinada.

After ascertaining soil and rainfall requirements, I am satisfied that the selected site is suitable and fit for raising of plantation with NTHS species.

  
District Forest Officer (FAC)  
Kakinada Division, Kakinada

*lue*  
26.06.2023