

I/780910/2023

**GOVERNMENT OF ANDHRA PRADESH
FOREST DEPARTMENT**

From
Sri Y. Madhusudhana Reddy, I.F.S.,
Prl. Chief Conservator of Forests &
Head of Forest Force(FAC),
Andhra Pradesh,
Mangalagiri-522503

To
The Spl. Chief Secretary to Government,
Environment, Forests, Science
and Technology Department,
Andhra Pradesh Secretariat
Velagapudii.

Rc.no.EFS02-15034/66/2020/FCA SEC-PCCF/FCA-3, Dated:16/06/2023.

Sir,

Sub:- APFD - F(C)Act, 1980 - Diversion of 3.89 ha forest land in Compartment no.181 of R.H.R.F. Extn. RF, Compartment no.180 of Pulusumamidi Extn.I RF, Compartment no.65 of Pulusumamidi RF, Compartment no.66 of Mattaally RF and Compartment no.178 of Pulusumamidi Extn-II RF in Chintur Division for formation of road from R&B road to Narasingapeta in f/o EE PR (PIU), Kakinada - Further information called for - Submitted - Reg.

Ref:- 1. Online proposal no. FP/AP/ROAD/87357/2020, dated: 11.12.2020.
2. GM no. 966/Sec.II/2021, EFS & T (Sec.II) Dept., dated: 22.06.2021.
3. PCCF & HoFF Rc. no.EFS02-15034/66/2020- FCA SEC PCCF/FCA-3, dated:28.09.2021.
4. CCF , Rajahmundry Rc. no. 39/2021-D1, dated: 28.05.2023.

* * *

Kind attention is invited to the reference 2nd cited.

It is submitted that, the Government in the reference 2nd cited has stated that, exemption of provision of CA for the subject proposal is not applicable presently and requested to identify suitable non forest area for compensatory Afforestation and submit the details of the same including map, DGPS co-ordinates, KML file, CA scheme, site suitability certificate etc., for further processing of the proposal.

In this connection, it is submitted that, the user agency has identified non-forest land for compensatory Afforestation purpose to an extent of 3.93 ha at Yetimoga (V), Kakinada Urban mandal of Kakinada Division.

Further, the non-forest land identified by the user agency for Compensatory Afforestation purpose 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 issued by Gol on 28.03.2019. The District Forest Officer , Chintur has identified degraded forest land over an extent of 4.00 ha in Kunavaram Range,

I/780910/2023

Edugurallapalli (E.D. Palli RF, Chintur Division.

The District Forest Officer, Chintur has prepared CA scheme with a financial out lay of Rs.71,35,200/- lakh with a maintenance period of 10 years starting from 2023-24 to 2035-36 and plantation protection of NFL for 20 years which is attached at reply given to EDS by District Forest Officer, Chintur on 29.05.2023. KML file, copy of the authenticated map, CA scheme has been uploaded in the PARIVESH portal. Due to non edit of the CA scheme for Rs.100.517 lakh already uploaded at relevant column in Part-II proposal, the District Forest Officer, Chintur has uploaded the revised CA scheme for Rs.71.352 lakh at EDS reply on 29.05.2023. The same is visible at timeline period.

Further, the forest land site inspection report of the Divisional Forest Officer , Chintur and the non-forest land site inspection report of District Forest Officer , Kakinada, gazette notifications of the RFs has been uploaded at Nodal Officer level.

The Government are requested to forward the above subject proposal to Gol, MoEF & CC, IRO, Vijayawada to accord forest clearance under Forest (Conservation) Act, 1980 and amendments therein as deemed fit in the matter.

Encl:- As above

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

Copy to the Chief Conservator of Forests, Rajahmundry Circle, Rajamahendravaram.

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

Copy to the District Forest Officer, Kakinada for information.

Copy to the Executive Engineer , Panchayat Raj (PIU), Kakinada for information and necessary action.

Copy to the Engineer-in-Chief, Panchayat Raj, Vijayawada for information.

**SITE INSPECTION REPORT OF COMPENSATORY AFFORESTATION
AREA (NON FOREST C.A LAND) OVER AN EXTENT OF 3.93 HA.
IN KAKINADA RANGE OF KAKINADA (TERRITORIAL) DIVISION.
Dt:28-01-2023**

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 an extent of 3.93 ha of Compensatory afforestation Land identified in Kakinada Division in lieu of diversion of forest land of 3.89 ha in Compt.no.181 of R.H.R.F. Extn. RF, Compt.no.180 Pulusumamidi Extn-I RF, Compt.no.65 of Pulusumamidi RF, Compt.no.66 of Mattapally RF and Compt.no.178 of Pulusumamidi Extn-II RF Chintur Division for formation of road from R&B road to Narasingapeta in favour of E.E. PR (PIU) Division, Kakinada.

CA AREA PROPOSED FOR TRATMENT: The following forest area is identified for raising Compensatory afforestation, over an extent of 3.93 ha. in Kakinada division of East Godavari district as follows:

Sl. No.	Name of the Range	Name of the area	Total extent of area	Sy.no
1	Kakinada	Yetimoga village of Kakinada Urban Mandal of Kakinada Section	3.93ha.	Yetimoga village

The CA Area was inspected by me on 28-01-2023 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.

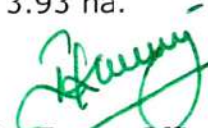
"Condition no.2.4 (vi): State government shall prepare a CA scheme with 1000 plants per ha for all such non-forest lands. In case it is not possible to raise plantation at the rate of 1000 plants per ha on the selected non-forest

7414791/2023/FCA -PCCF

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.**

Hence, it is required to identify the degraded forest land for Compensatory Afforestation to plant @1000 plants/ha for 3.93 ha.



District Forest Officer,
Kakinada Division, Kakinada.

aj
28/01/2023

Compensatory Afforestation (C.A) Scheme-for the identified 4.00 Ha.Degraded Forest Land inCompt.No.155, Edugurallapalli R.F., Edugurallapalli Beat, Kunavaram Range of Chintur Division in lieu of Diversion of Forest land 3.89 of Forest area in Chintur Range, Chintur Division for formation of Road from R & B Road to Narasingapeta in favour of Executive Engineer, PR(PIU) Division, Kakinada.

1)Introduction:-

The Executive Engineer, PR(PIU) Division, Kakinadah has submitted proposals for Diversion of Forest area to an extent of 3.89 Ha.inCompt.No.181, RHRF Extn. RF, Compt.No.180, Pulusumamidi Extn-I R.F., Compt.No.65 of Pulusumamidi R.F.,Compt.No.66 of Mattapally RF and Compt.No.178 of Pulusumamidi Extn-II of Chintur Range for formation of Road from R & B Road to Narasingapeta in Chintur Division. While processing the proposal at Government level, due to expiry of general approval for public infrastructure projects in LWE District by 31.12.2020, the GoAP, MoEFS& T.,A.P., has instructed to identify suitable Non- Forest Land and submit details C.A land, C.A.Scheme, Site Suitability Certificate etc., for processing the proposal vide Govt.Memo.No.966/Sec.II/2021, Dt.22.06.2021 communicated by the PCCF., A.P., Guntur Rc.No.EFS02-15034/66/2020-FCASEC-PCCF/FCA,Dt.28.09.2021. Subsequently, the User Agency has handedover the identified Non- Forest Land 3.93 Ha. inYetimoga Village of Kakinada(U) Mandal to the DFO., Kakinada. The DGPS survey was conducted and authenticated the survey map by the PCCF., Guntur Rc.No.Rc.No.EFS02-15034/66/2020-FCASEC-PCCF/FCA-3, Dt.21.11.2022.

At this stage, the DFO., Kakinada in the reference Rc.No.684/2022/D1, Dt.28.01.2023 has informed to this office that, the identified Non- Forest Land (3.93 ha.)towards C.A is having full of mangrove vegetation and not possible to takeup CA Plantationin the said land and requested to take action according to Condition No.2.4(vi) of Handbook guidelines & Clarification issued under Forest Conservation Act,1980. As per the said condition No.2.4(vi) "State Government shall prepare a CA Scheme with 1000plants 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 the working plan prescriptions. All forest lands which have crown density below 40 percent should be treated as degraded forest land for the purpose of CA."As part of the same, an extent of 4.00 Ha.of Degraded Forest Land(DFL) has been identified in this Division. The location details of degraded forest land identified are as follows:-

Sl. no.	Division	Range/Beat	R.F.,	Compt. No.	Area in Ha.	Lat.	Long.
1	Chintur	Kunavaram/ Edugurallapalli (E.D.Palli)	Edugurallapalli (E.D.Palli)	155	4.00	17.747111	81.186389
						17.747385	81.188243
						17.745620	81.188283
						17.745576	81.186533

The Compensatory Afforestation Scheme proposals are prepared with a total financial outlay of Rs.100.677 Lakhs to be implemented with a maintenance period of 10 Years starting from 2023-24 to 2035-36 and plantation protection upto 2044-45.

2) Aim and Objectives:-

The main aim of the project is to developDegraded ForestLand over an area of 4.00 ha over a period of 10 years with the active involvement of local people to meet their future needs. The project envisages the following objectives:

- To compensate the loss sustained due to diversion of forestland.
- To increase the productivity and sustainability of the forest resources through improved management and silvicultural practices with planting of high quality planting material including soil and moisture conservation works.
- To generate employment to Schedule tribes in agency area in order to prevent migrations.

3) Type of C.A Land:-

The proposed Compensatory Afforestation areas identified in the Degraded Forest Land is Sandy loam with clay mix with good drainage and suitable for raising Plantation with the native Forest species.

4) Vegetation:-

The vegetation that is existing to the adjoining degraded land are *Terminalia tomentosa*, *Adina cordifolia*, *Madhuca indica*, *Pterocarpus marsupium*, *Buchanania angustifolia*, *Acacia leucocephala*, *Diospyros melanoxylon*, *Lagerstroemia parviflora* etc. The degraded forest land is falling under Tropical southern dry mixed deciduous forests(5A/C3) under Champion and Seth classification.

5) Treatments Proposed:-

Raising of NTSHW, NTFP& Teak species under AR LIM method:- It is proposed to raise NTSHW, NTFP and Teak species Plantation over 4.00 Ha.adopting the traditional method with an espacement of 3 m X 3 m under Labour Intensive Method through intensive site preparation practices. The operations to be carried out are Survey and demarcation and planting at 3 X 3 m espacement in 45Cms. cubic pits. All other cultural operations like site preparation,transportation and alignment of stakes,digging of pits,Soil workings,planting of plantsetc., will be provided., The raised plantations will be maintained over a period of 10 years to ensure good results.

Soil Moisture and Conservation(SMC) works :- For this purpose, provision is made with 15% on the Plantation and other associated works cost for taking up the Soil and Moisture Conservation Works such as Continuous Contour Trenches(CCTs)/ Staggered Trenches(STs), Percolation Tanks(PTs), Rock Fill Dams(RFDs) and Check Dams(CDs) and other allied activities to improve ground water regime and to reduce soil erosion.

Protection of Plantation:- Since plantations has to be maintained for 10 years, barbed wire fencing around the Plantation site is proposed for prevention of biotic interference and to protect the plantation.

Administrative Costs:- For this purpose, provision is made with 10% of the Plantation cost to meet the expenses such as Office expenses like stationery, modern office equipment etc.,

Monitoring and Evaluation:- For this purpose provision is made with 5% of the Plantation cost to meet the expenses such as maintenance and running charges of vehicles, electricity and Internet charges, purchase of GPS and other equipment.

6) Proposed species for planting :- Considering the terrain and condition of soil the following species are proposed or planting.

S.no.	Species
1	<i>Pterocarpus marsupium</i>
2	<i>Terminalia arjuna</i>
3	<i>Terminalia tomentosa</i>

4	<i>Gmelina arborea</i>
5	<i>Dalbergia latifolia</i>
6	<i>Albizia odoratissima</i>
7	<i>Albizia procera</i>
8	<i>Mitragyna parvifolia</i>
9	<i>Adina cordifolia</i>
10	<i>Tectona grandis</i>
11	<i>Soyimida febrifuga,</i>
12	<i>Madhuca indica etc.</i>

7) Agency for Funding :- The Executive Engineer, PR(PIU) Division, Z.P. Compound, Kakinada.

8) Agency for the implementing C.A Scheme:- The A.P. Forest Department/ Divisional Forest Officer, Chintur Division, Chintur.

9) Cost of the Scheme: The total financial out lay of the project is **Rs.100.677 Lakhs**, the annual requirement of funds have been worked out on the base cost of 2022-23 FSR with 10% annual escalation for the remaining project period up to 2035 - 2036. The component wise details in brief are as follows:-

Rs.in Lakh

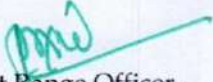
1	Raising of Plantation and other associated works	70.048
2	SMC Works	5.000
3	Monitoring and Evaluation	3.502
4	Administrative Cost	7.005
5	Plantation Protection measures etc., for 20 years	15.122
	Total:-	100.677


The Year wise works proposed and financial outlay of the above project is submitted in separate statement.


 Divisional Forest Officer (FAC),
 Chintur Division, Chintur
Divisional Forest Officer,
Chintur Division, Chintur

SITE SUITABILITY CERTIFICATE


This is to certify that, the Degraded Forest Land identified over an extent of 4.00 Ha. in Compt.No.155, Edugurallapalli R.F., Edugurallapalli Beat of Kunavaram Range for raising of Compensatory Afforestation in lieu of Diversion of 3.89 Ha. Forest area in Compt.No.181, RHRF Extn. RF, Compt.No.180, Pulusumamidi Extn-I R.F., Compt.No.65 of Pulusumamidi R.F., Compt.No.66 of Mattapally RF and Compt.No.178 of Pulusumamidi Extn-II of Chintur Range for formation of Road from R & B Road to Narasingapeta in Chintur Division is suitable for Raising of plantation with native forest species.




Forest Range Officer,
Kunavaram Range, Kunavaram.


Divisional Forest Officer (FAC),
Chintur Division, Chintur

Divisional Forest Officer,
Chintur Division, Chintur

CERTIFICATE

This is to certify that, the Degraded Forest Land identified over an extent of 4.00 Ha. in Compt.No.155, Edugurallapalli R.F., Edugurallapalli Beat of Kunavaram Range for raising of Compensatory Afforestation in lieu of Diversion of 3.89 Ha. Forest area in Compt.No.181, RHRF Extn. RF, Compt.No.180, Pulusumamidi Extn-I R.F., Compt.No.65 of Pulusumamidi R.F., Compt.No.66 of Mattapally RF and Compt.No.178 of Pulusumamidi Extn-II of Chintur Range for formation of Road from R & B Road to Narasingapeta in Chintur Division is suitable for plantation management and in protection point of view.


Forest Range Officer,
Kunavaram Range, Kunavaram.

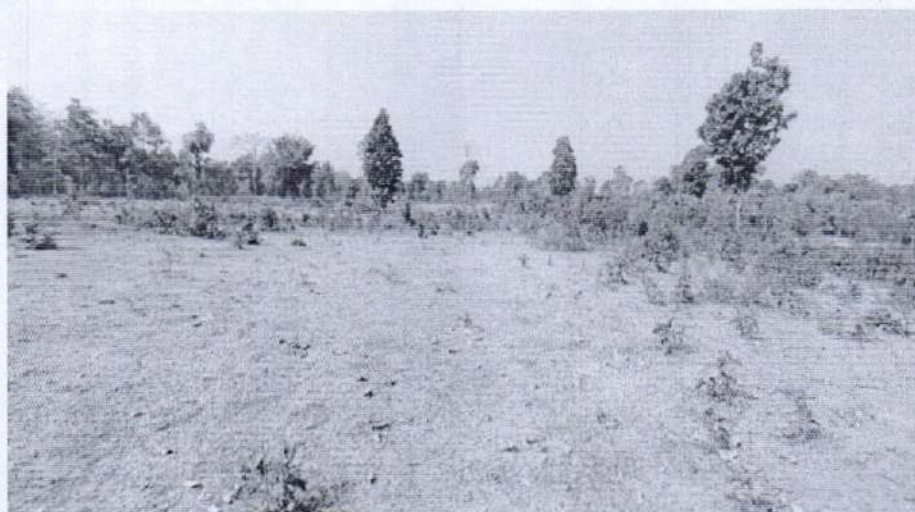

Divisional Forest Officer (FAC),
Chintur Division, Chintur.

17/5
Divisional Forest Officer,
Chintur Division, Chintur

Site inspection Report of Divisional Forest Officer, Chintur Division, Chintur on the Degraded Forest Land(DFL) identified in Compt.No.155, Edugurallapalli R.F., Edugurallapalli Beat of Kunavaram Range for the purpose of Compensatory Afforestation(CA)for Road Project - R&B Road to Narasingapeta in favour of the Executive Engineer, PR(PIU) Division, Kakinada.

On 08.02.2023 & 17.05.2023 I along with the Forest Range Officer, Kunavaram and concerned filed staff have inspected the identified 4.00 of Degraded Forest Land(DFL) in Compt.No.155, Edugurallapalli R.F., Edugurallapalli Beat of Kunavaram Range for raising of Compensatory Afforestation(CA) in lieu of Diversion of 3.89 Ha. of Forest area in Compt.No.181, RHRF Extn. RF, Compt.No.180, Pulusumamidi Extn-I R.F., Compt.No.65 of Pulusumamidi R.F., Compt.No.66 of Mattapally R.F, and Compt.No.178 of PulusumamidiExtn-II R.F., Chintur Range of Chintur Division for formation of Road from R & B Road to Narasingapeta in favour of the Executive Engineer, PR(PIU) Division, Kakinada.

The Forest Range Officer, Kunavaram has completed the GPS survey on the identified Degraded Forest Land and arrived at 4.00 Ha. The location details of the identified DFL are as follows:-

Sl. no.	Division	Range/Beat	R.F.,	Compt. No.	Area in Ha.	Lat.	Long.
1	Chintur	Kunavaram/ Edugurallapalli (E.D.Palli)	Edugurallapalli (E.D.Palli)	155	4.00	17.747111	81.186389
						17.747385	81.188243
						17.745620	81.188283
						17.745576	81.186533



The soil is sandy loam with clay mix with good drainage and the canopy density is less than 20 percent. The vegetation that is existing to the adjoining degraded land are *Terminalia tomentosa*, *Adina cordifolia*, *Madhuca indica*, *Pterocarpus marsupium*, *Buchanania angustifolia*, *Acacia leucocephala*, *Diospyros melanoxylon*, *Lagerstroemia parviflora* etc. The degraded forest land is falling under Tropical southern dry mixed deciduous forests(5A/C3) under Champion and Seth classification and the site is suitable for raising teak and Non-teak species. The CA should be raised under Labour Intensive method and the plantation maintained up to ten(10) Years and Soil & Moisture Conservation(SMC) works can also be proposed to ensure good results in longterm.

Divisional Forest Officer (FAC),
Chintur Division, Chintur

Divisional Forest Officer,
Chintur Division, Chintur

2
17/5

For Ssg 16 sketch, vide page 189

BOARD OF REVENUE (LAND REVENUE), 12TH FEBRUARY 1890,
FOREST NO. 83.

Order—dated 21st January 1890, No. 55, Revenue.

66

Forest No. 3

The statement of boundaries prepared by the Board of Revenue with a few verbal alterations will be substituted for that given in the draft notification submitted with the proceedings read above. The notification, as thus amended, will be published in the Fort St. George and Godavari District Gazettes, the 15th March 1890 being entered as the date from which the reservation shall take effect.

(True Extract.)

(Signed) C. A. GALTON,
Secretary to Government.

To the Commissioners of Land Revenue, with Sketch-map.
To the Superintendent, Government Press, with notification.

— — — — —
No. 55-A.

COPY TO THE GOVERNMENT OF INDIA, REVENUE AND AGRICULTURAL
DEPARTMENT.

(Signed) C.A. GALTON,
Secretary to Government.

— — — — —
NOTIFICATION.

His Excellency the Governor in Council is pleased to declare, under the provisions of section 16 of the Madras Forest Act (Vof 1882), that from the 15th March 1890 the area, the boundaries of which are set forth in the schedule appended to this notification, shall be constituted "reserved forest."

SCHEDULE

Districts:—Godavari

Taluk:—Rekapalle

Number and name of
the block.

§ Mattapalli Block No. 24.

Boundaries:—

North:— From a boundary pillar about a mile east of Choppalli, a straight line running eastwards for about two miles up to a another pillar about a mile and a half south of Koderu.

East:— From the latter pillar, a straight line south by west for about two and a half miles and passing west of Mulkanapalle and Kotapeta to a point on the Pusa stream about a quarter mile west of Virapapanikunta; then eastwards along that stream for about two miles; then a straight line south-east for about a mile to a boundary pillar on the Wuddagudem-Lakkavaram road about threefurlongs south west of Ramadevupeta village; then that road for about a mile and a half up to another pillar about half a mile north of Venkappeta.

(13)

SOUTH;- From the last named pillar, a straight line for about a mile up to a pillar about a mile west of Vekampeta village; thence another straight line for about a mile and three-quarters passing north-west of Chinna Mattapalli up to a pillar about a mile north of that village; then a third a straight line south-west for about nine furlongs to a pillar on the Mattapalli-Gundugudem pathway about a mile west of Chinna Mattapalli; then that pathway for about half a mile up to meet another pillar about two furlongs south-east of Gundugudem.


WEST;- From the last mentioned pillar, a straight line north by east for about a mile and half, passing east of Gundugudem and Prattipaka to the Pusa stream, meeting it at a point about a mile south-west of the deserted village of Venkanagudem and a mile and a half south-east of Ravigudem village; thence up that stream to the Mattapalli-Somulagudem pathway; then that pathway for about a mile and a half up to a pillar about a quarter of a mile east of Koppalli; thence a straight line running in a north-easterly direction for about two miles and a quarter up to the point at which the northern boundary begins.

REMARKS:-- Right of way for men and cattle to a width not exceeding 4 yards is admitted over the following pathways within the reserve:--

- (1) Pathway from Kotapeta and Virapapanikunta to Ravigudem.
- (2) Pathway from chinna Mattapalli to Somulagudem.

No. 1. This path enters the reserve at a point on a branch of the Pusa stream about half a mile east of Virapapanikunta and proceeds through it in a generally westerly direction, leaving it at a point on the western boundary a quarter of a mile north of where the latter leaves the Pusa stream.

No. 2. This path enters the reserve at a point on the southern boundary due north of Mattapalli village and about a quarter of a mile east of the demarcation pillar in the angle of the boundary, and proceeds thence northwards to the Pusa stream, after crossing which it becomes itself the boundary line to the angle pillar east of Koppalli.


DISTRICT FOREST OFFICER,
Varatamachandrapuram Division
(Hqs.) Bhadrachalam.

h
5/9/73.

d
3/10/64.

Sketch Map of the
MATTAPALLI RESERVE

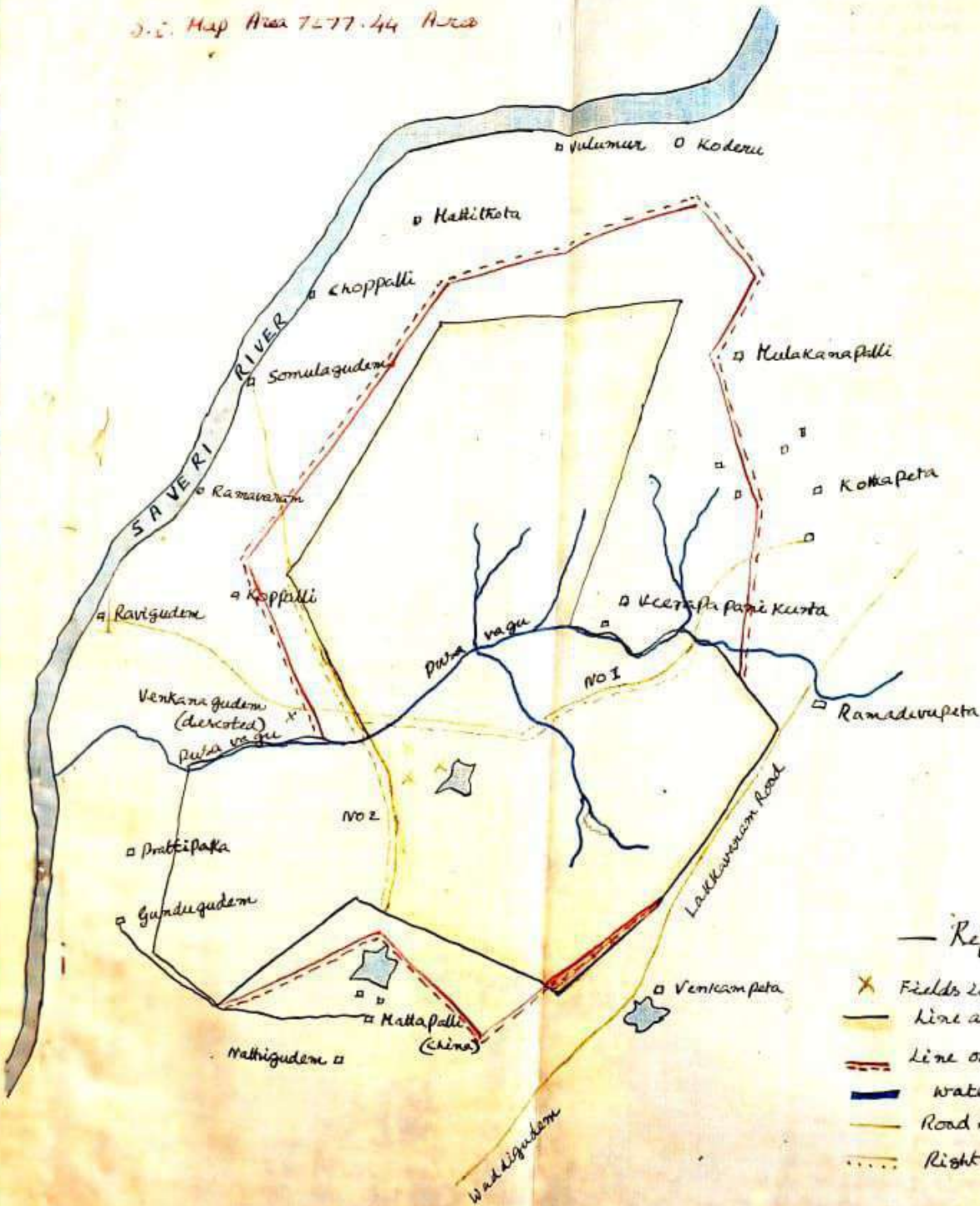
Reka palli Taluk
Scale 1" = 1 Mile

under Section 16

Area 9500 Acres

PART I GAZETTE
Page no 80/28-1-90

S.I. Map Area 7577.44 Acres



— Reference —

- X Fields included in the Reserve
- Line as Settled
- - - - Line original proposed
- water
- Road & Pathways
- Right of way Admitted

34.

(Sd) R. B. CLEGG
16.10.89
Forest Settlement Officer

(Sd) J. S. Bhatta
D.F.O

(Sd) X X X X
Dist: Forest Officer
Golavari.

Traced by
7-8-84

(True copy)

[Signature]
District Forest Officer,

Sunarama chandoo puram division

Hqs: Bheemachalam.

7424096/2023/FCA -PCCF

GOVERNMENT OF ANDHRA PRADESH
FOREST DEPARTMENTRc.no.39/2021-D1,
Dated. 29-05-2023.Office of the Conservator of Forests,
Rajahmundry Circle, Rajamahendravaram.From,
S.Sri Saravanan, I.F.S.,
Chief Conservator of Forests,
Rajahmundry Circle,
Rajamahendravaram.To,
The Prl.Chief Conservator of Forests &
Head of Forest Force,
Andhra Pradesh,
Aranya Bhavan, Mangalagiri.
Guntur Dist.

Sir,

Sub : APFD - F(C) Act,1980 - Diversion of 3.89 ha forest land in Compartment no.181 of R.H.R.F.Extn.RF, Compartment no.180 of Pulusumamidi Ext.I RF, Compartment no.65 of Pulusumamidi RF, Compartment no.66 of Mattapally RF and Compartment no.178 of Pulusumamidi Ext.II RF in Chintur Division for formation of road from R&B road to Narasingapeta in f/o EE,PR (PIU), Kakinada - Request to furnish CA land details - Regarding.

- Ref :
1. CCF, Rajahmundry Rc.No.39/2021-D1, Dt:28.05.2023
 2. PCCF, AP, Guntur, Rc.No.EFS02/15034/66/2020-FCA SEC-PCCF/FCA-3, Dt: 29.05.2023.
 3. DFO, Chintur Rcno.NIL, dt.29.05.2023 revised CA Scheme submitted for Rs.71.352 lakh.
 4. CCF, Rajahmundry Rc.No.39/2021-D1, Dt:29.05.2023

In response to the reference 2nd cited, it is submitted that the Divisional Forest Officer, Chintur has revised the CA Scheme for Rs.71.352 lakh and the same was approved vide reference 4th cited.


The Divisional Forest Officer, Chintur has uploaded the revised CA Scheme and the Inspection report for the Non forest land furnished by District Forest Officer, Kakinada.


The CA Scheme for Rs.71.352 lakh furnished by Divisional Forest Officer, Chintur along with Inspection Report of Non forest CA land are submitted herewith.


This is submitted for favour of information.

Encl: CA Scheme

Yours faithfully,


Chief Conservator of Forests,
Rajahmundry Circle,
Rajamahendravaram.


29/05/2023.


29/5/23

Copy to the District Forest Officer, Kakinada for information.

Copy to the Divisional Forest Officer, Chintur for information

RC.no.39/2021/D1,
Dated: 29.05.2023

Office of the Conservator of Forests,
Rajahmundry Circle, Rajamahendravaram.

**S. Sri Saravanan, I.F.S.,
Chief Conservator of Forests**

Sub: APFD-F(C)Act,1980 - Diversion of 3.89 ha forest land in Chintoor Division for formation of road from R & B Road to Narsingapeta in favour of Executive Engineer, PR(PIU)Division, Kakinada -revised Compensatory Afforestation Scheme for Rs.71.352 lakh - submitted by Divisional Forest Officer, Chintur - Reg.

- Ref:1. Govt. Memo no.966/Sec.II/2021,Dt.22.06.2021 communicated by the PCCF, A.P., Guntur Rc.no.EFS02-15034/66/202-FCASEC-PCCF& HoFF, Andhra Pradesh, Guntur/FCA , DT.28.09.2021
2. PCCF, AP., Guntur Rc.no.EFS02-15034/66/2020-FCA-SEC PCCF/FCA Dt.28.09.2021.
3. DFO, Kakinada Rc.no.684/2021-D1 dt.19.10.2022.
4. PCCF, AP., Guntur Rc.no.EFS02-15034/66/2020-FCA-SEC PCCF/FCA-3 Dt.21.11.2022.
5. DFO, Chintur Rc.no.94/2020-C4 dt.09.02.2023.
6. CCF,Rajahmundry Rc.No.39/2021-D1, Dt:26.05.2023
7. Revised CA Scheme submitted by DFO, Chintur for Rs.71.352 lakh. On Dt:29.05.2023

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Attention of the Divisional Forest Officer, Chintur is invited to the references 6th and 7th cited.

The Divisional Forest Officer, Chintur has submitted revised Compensatory Afforestation Scheme for Rs.71.352 lakh vide reference 7th cited for raising Compensatory Afforestation plantation over 4.00 ha degraded forest land in compt.no.155 of Edugurallapalli Reserved Forest, Edugurallapalli Beat, Kunavaram Range of Chintur Division.

The Compensatory Afforestation Scheme submitted by Divisional Forest Officer, Chintur is hereby agreed for Rs.71.352 lakh.

SV
29/5/23
Chief Conservator of Forests,
Rajahmundry Circle,
Rajamahendravaram.

TSR
29/05/2023

APK
29/5/23

To
The Divisional Forest Officer, Chintur.

7424096/2023/FCA-PCCF

Compensatory Afforestation (C.A) Scheme for the identified 4.00 Ha.Degraded Forest area in Kuravaram/Eduguralapalli Beat, Kuvavaram R.F., Compt.No.155 of Forest Deptt. Government of Karnataka, Chintur Range, Chintur Division for formation of Road from R & B Road to Narasingapeta in favour of Executive Engineer, PR(PIU) Division, Kakinada.

Introduction:-

The Executive Engineer, PR(PIU) Division, Kakinada has submitted proposals for Diversion of Forest area to an extent of 3.89 Ha.in Compt.No.181, RHRF Extn. RF, Compt.No.183, Pulusumamidi Extn-I R.F., Compt.No.65 of Pulusumamidi R.F., Compt.No.66 of Mantapally Extn. Kuravaram Pulusumamidi Extn-II of Chintur Range for formation of Road from R & B Road to Narasingapeta in Chintur Division. While processing the proposal at Government level, due to expiry of general approval for public infrastructure projects in LIVE District by 31.12.2020, the GoAF, MoEF& T.A.P., has instructed to identify suitable Non-Forest Land and submit details CA land, C.A.Scheme, Site Suitability Certificate etc. for processing the proposal vide Govt.Memo.No.96/Sec.II/2021, Dt.22.06.2021 communicated by the PCCF, A.P., Guntur Rc.No.EFS02-15034/66/2020.FC/SEC-Dt.22.06.2021. Subsequently, the User Agency has handedover the identified Non-Forest Land 3.93 Ha. in Yatinoga Village of Kakinada(U) Mandal to the DFO, Kakinada. The DGPS survey was conducted and authenticated the survey map by the PCCF, Guntur Rc.No.Rc.No.EFS02-15034/66/2020.FC/SEC-PCCF/FCA-S, Dt.21.11.2022.

At this stage, the DFO, Kakinada in the reference Rc.No.884/2022/D1, Dt.28.01.2023 has informed to this office that, the identified Non-Forest Land (3.93 ha.) towards C.A is having full of mangrove vegetation and not possible to take up CA Plantation in the said land and requested to take action according to Condition No.24(vi) of Handbook guidelines & Clarification issued under Forest Conservation Act,1986. As per the said condition No.24(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 lands, then the balance plants shall be planted on degraded forest land as per the working plan prescriptions. All forest lands which have crown density below 40 percent should be treated as degraded forest land for the purpose of CA." As part of the same, an extent of 4.00 Ha of Degraded Forest Land (DFL) has been identified in this Division. The location details of degraded forest land identified are as follows:-

Sl. no.	Division	Range/Beat	R.F.	Compt. No.	Area in Ha.	Lat.	Long.
1	Chintur	Kuravaram/ Eduguralapalli (E.D.Palli)	Eduguralapalli (E.D.Palli)	155	4.00	17.747131	81.186389
						17.747385	81.188243
						17.745620	81.188283
						17.742576	81.186539

The Compensatory Afforestation Scheme proposals are prepared with a total financial outlay of Rs.71,982 Lakhs to be implemented with a maintenance period of 10 Years starting from 2023-24 to 2035-36 and plantation protection upto 2044-45.

2) Aim and Objectives:-

The main aim of the project is to develop Degraded Forest Land over an area of 4.00 ha over a period of 10 years with the active involvement of local people to meet their future needs. The project envisages the following objectives:

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- > To compensate the loss sustained due to diversion of forestland.
- > To increase the productivity and sustainability of the forest resources through improved management and silvicultural practices with planting of high quality planting material

3) Type of C.A Land:-

The proposed Compensatory Afforestation areas identified in the Degraded Forest Land is Sandy loam with clay mix with good drainage and suitable for raising Plantation with the native Forest species.

4) Vegetation:-

The vegetation that is existing to the adjoining degraded land are *Terminalia tomentosa*, *Adina coriifolia*, *Mullica indica*, *Pterocarpus marsupium*, *Bachanaria angustifolia*, *Acacia leucocephala*, *Diospyros melanocylon*, *Lagerstraeia pteriflorata*. The degraded forest land is falling under Tropical southern dry mixed deciduous forests (SA/C3) under Champion and Seth classification.

5) Treatments Proposed:-

Raising of NISHW, NTFP & Task species under AR LIM method:- It is proposed to raise NISHW, NTFP and Task species Plantation over 4.00 Ha. adopting the traditional method with an espacement of 3 m X 3 m under Labour Intensive Method through intensive site preparation practices. The operations to be carried out are Survey and demarcation and planting at 3 X 3 m espacement in 45Cms. cubic pits. All other cultural operations like site preparation, transportation and alignment of stakes, digging of pits, Soil workings, planting of plants etc. will be provided. The raised plantations will be maintained over a period of 10 years to ensure good results.

Soil Moisture and Conservation (SMC) works :- For this purpose, provision is made with 15% on the Plantation and other associated works cost for taking up the Soil and Moisture Conservation Works such as Continuous Contour Trenches (CCTs)/ Staggered Trenches (STs), Percolation Tanks (PTs), Rock Fill Dams (RFDs) and Check Dams (CDs) and other allied activities to improve ground water regime and to reduce soil erosion.

Protection of NEL-CA :- Construction of Boundary Pillars around the identified NFL in Yetimoga, Kakinada(L) Mandal, Kakinada Division is proposed and Rs.10.00 Lakhs proposed for protection of said area for 20 years.

Administrative Costs:- For this purpose provision is made with 5% of the Plantation cost to meet the expenses such as Office expenses like stationery, modern office equipment etc..

9) Proposed species for planting :- Considering the terrain and condition of soil the following species are proposed for planting.

S.no.	Species
1	<i>Pterocarpus marsupium</i>
2	<i>Terminalia arjuna</i>
3	<i>Terminalia tomentosa</i>
4	<i>Gmelina arborea</i>
5	<i>Dalbergia integrifolia</i>
6	<i>Albizia odoratissima</i>
7	<i>Albizia procera</i>

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8	<i>Mitragyna parvifolia</i>
9	<i>Adina cordifolia</i>
12	<i>Mulberry indica etc.</i>

7) Agency for Funding :- The Executive Engineer, FR(PU) Division, Z.P. Compound, Kakinada.

8) Agency for the implementing C.A Scheme:- The A.P. Forest Department/ Divisional Forest Officer, Chintur Division, Chintur.

9) Cost of the Scheme: The total financial out lay of the project is Rs.71.352 Lakhs, the annual requirement of funds have been worked out on the base cost of 2022-23 PSK with 10% annual escalation for the remaining project period up to 2035 - 2036. The component wise details in brief are as follows:-

Rs.in Lakh

1	Raising of Plantation and other associated works	52.350
2	SMC Works	2.925
3	Administrative Cost	2.678
4	Protection of NFL for 20 years & Construction of Boundary Pillars	13.400
	Total:-	71.352

The Year wise works proposed and financial outlay of the above project is submitted in separate statement.


Divisional Forest Officer (FAC),
Chintur Division, Chintur.

**SITE INSPECTION REPORT OF COMPENSATORY AFFORESTATION
AREA (NON FOREST C.A LAND) OVER AN EXTENT OF 3.93 HA
IN KAKINADA RANGE OF KAKINADA (TERRITORIAL) DIVISION** 122
Dt:28-01-2023

7424096/2023/FCA-PCGF

1980 guidelines communicated vide Govt. 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 an extent of 3.93 ha of Compensatory afforestation Land identified in Kakinada Division in lieu of diversion of forest land of 3.89 ha in Compt.no.181 of R.H.R.F. Extn. RF, Compt.no.180 Pulusumamidi Extn-I RF, Compt.no.55 of Pulusumamidi RF, Compt.no.66 of Mattapally RF and Compt.no.178 of Pulusumamidi Extn-II RF Chintur Division for formation of road from R&B road to Narasingapeta 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 3.93 ha. in Kakinada division of East Godavari district as follows:

Sl. No.	Name of the Range	Name of the area	Total extent of area	Sy.no
1	Kakinada	Yetimoga village of Kakinada Urban Mandal of Kakinada Section	3.93ha.	Yetimoga village

The CA Area was inspected by me on 28-01-2023 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
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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.**

Hence, it is required to identify the degraded forest land for
Compensatory Afforestation to plant @1000 plants/ha for 3.93 ha.


District Forest Officer,
Kakinada Division, Kakinada.

28/01/2023

CA Scheme Proposals for Afforestation of 4.00 Ha Degraded Forest Land (DFL) Identified in Group No. 155, Edappalavally & E. Edappalavally Beat, Kanavaram Range of Chinnur Division in lieu of diversion of forest. A/c for Afforestation of forest from S&B in Broad to Narsimhapeta in Chinnur Division in favour of E.E., FR(PHU) Division, Kollada.

ABSTRACT OF PHYSICAL AND FINANCIAL OUTLAY

Sl. No.	Particulars	Unit	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Total	
										Phy.	Fin.
1	Plantation	Hb.	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2,800
2	Plantation	Hb.	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2,800
3	Nursery	LS	2,500								
4	Advance operations (Plantation)	Hb.	4.00	2.11							4.00 2,110
5	Maintenance of Plantation (M)	Hb.	4.00	4.389							4.00 4,089
6	Maintenance of Plantation (M)	Hb.	4.00	2,305							4.00 2,305
7	1st Year Maintenance	Hb.	4.00	3,015							4.00 3,015
8	2nd Year Maintenance	Hb.			4.00	3,316					4.00 3,316
9	3rd Year Maintenance	Hb.				4.00	3,470				4.00 3,470
10	4th Year Maintenance	Hb.					4.00	3,617			4.00 3,617
11	5th Year Maintenance	Hb.						4.00	3,763		4.00 3,763
12	6th Year Maintenance	Hb.							4.00	3,909	4.00 3,909
13	7th Year Maintenance	Hb.								4.00	4,055
14	8th Year Maintenance	Hb.								4.00	4,201
15	9th Year Maintenance	Hb.								4.00	4,347
16	10th Year Maintenance	Hb.								4.00	4,493
17	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
18	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
19	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
20	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
21	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
22	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
23	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
24	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
25	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
26	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
27	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
28	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
29	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
30	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
31	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
32	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
33	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
34	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
35	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
36	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
37	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
38	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
39	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
40	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
41	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
42	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
43	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
44	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
45	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
46	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
47	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
48	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
49	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
50	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
51	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
52	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
53	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
54	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
55	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
56	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
57	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
58	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
59	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
60	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
61	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
62	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
63	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
64	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
65	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
66	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
67	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
68	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
69	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
70	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
71	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
72	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
73	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
74	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
75	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
76	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
77	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
78	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
79	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
80	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
81	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
82	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
83	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
84	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
85	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
86	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
87	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
88	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
89	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
90	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
91	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
92	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
93	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
94	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
95	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
96	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470	3,617	4,199
97	Sub-Total:		3,997	2,416	4,089	3,266	3,015	3,316	3,470		

Data for Raising of 50,000 Nos "8X12" size bag plants Nursery

Sl. No	Qty.	Description of work	FSR 2022-23 Item No.	Rate	Agency Allowance 25%	Total	Per Unit	125
1		Site preparation for old site - Clearing of growth, weeds, grass etc.						661
2	156.4 Kgs	Cost of soil/trace bags (15% extra @ 366 Nos per kg, 50000/366 = 136 Nos + add 15%)	1.7.13	165.00		166	1	112224
3	50000 Nos	Cost and transport of ingredients for getting mature Red earth, Sand, Tank silt / Clay and FYM / Vermi compost in 2:1:1:1 ratio. 20 X 30 cm (8'X12") - 1.12 cum	1.7.5 (As per CDR)	1088.11		1088.21	1000	53411
4	55000	Preparation of potting mixture Red earth, sand, Tank silt/clay and FYM/Vermi-compos. 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 finger tips and arranging in beds 25 X 30cm (8' X 12")	1.7.12	3279.89	819.97	4099.86	1000	225452
5	39000	Cost of seedling	As per lowest quotation	1.5	0.00	1.50	Each	82500
6	55000	Picking out seedlings from primary beds and transplanting in bags.	1.9.7	191.29	47.82	239.11	1000	13151
7	50000	Cost of chemicals, insecticides, pesticides etc., for dug plants.	1.10.56 (As per Actuals)	10000			LS	10000
8	50000 Nos/3 months	Watering the bag plants arranged in 10m x 1m size bed 20x30 cm ("8X12") (800 nos / bed) twice a day.	1.10.14	441.95	110.49	552.44	1000	82866
9	50000 Nos/ 4times	Watering only four times for 13 m X 1 m size bed 20x30 cm ("8X12") bags (800nos / bed)	1.10.18	85.23	21.3075	106.5375	1000	21268
10	50000 Nos/ 2 times	Cost of cow dung slurry	1.10.50 (As per actuals)					10000
11	50000 Nos.	Application of cow dung slurry at the rate of 100 ml to 250 ml, per plant depending upon the size of the plant monthly twice maximum of 3 times (Once in raising and 2 times in maintenance) Note: Watering should not be done 12 hours before and after application of cow dung slurry.	1.10.59	283.06	70.765	353.825	1000	17641
12	50000 Nos/ 1 time	Shifting & grading and re-arranging in beds for 10m x 1m size bed 20x30 cm ("8' X12") bags (800 nos/bed) only once in raising year.	1.11.4	358.05	89.5125	447.5625	1000	22338
13	50000	Replacement of casualties after sorting out the empty bags	1.9.16	11.44	2.86	14.3	100	7150
14	1000 Nos / 25 Rm	Bush wood fencing around the plantline area: Thorny fencing with sturdy thorn material of 10 cm. girth (at the butt end) and fixing in crow bar holes and strengthening with stone packing. The average height of fence should be 1.5 m and fencing material should be fixed in 1 rows (staggered) at 30 cm apart. The fence should be tightened horizontally by tying with thorny material on both sides.	5.3.1 (BSSR Rate)	30.54		30.54	Rm	704
15		Contingencies towards nursery implements. Oil Engine Running and maintenance charges. Electricity bills etc.						11905
		Total:						679500

	2022-23	679500	13.59
Add 10% extra	2022-24	747450	34.55
Add 10% extra	2024-25	822195	35.44
Add 10% extra	2025-26	904415	36.09
Add 10% extra	2026-27	994855	39.50


 Divisional Forest Officer
 Chintur Division, Chitaur

Data for 1st Year Maintenance Of 6 x12 Bag Culture Nursery

Sl. No.	Quantity	Description of Work	Date				Rate	Amount
			2022-23	2023-24	2024-25	2025-26		
Maintenance of Bag Nursery From April to July								
1	50000	Watering the bag plants arranged in 10m x 1m size bed 20 x30 cm (8X12") (800 nos / bed) twice a day.	1.10.22	441.95	110488	552.44	1000/ month	110488
2	50000	Weeding only four times for 10 m X 1 m size bed 10 x 30 cm (8"X 12") bags (800nos / bed)	1.10.26	85.23	21.3075	106.54	1000/ Month	71308
3	50000	Cost of cow dung slurry	1.10.50 (As per actuals)	Actuals	0	200	1000 nos	10000
50000	Application of Cow dung Slurry at the rate of 100ml to 250ml per plant depending upon the size of the plant (Maintenance two times) Note:- Watering should not be done 12 hours before and after application of cow dung slurry.	1.10.50	283.06	70.765	353.825	1000/ time	17891	
4	50000	Shifting & grading and rearranging in beds for 10mx1m size bed 20 x30 cm(8" X12") bags (800 nos/ bed) ~ 2 time Maximum two shifts in maintenance year	1.11.8	358.03	89.5125	447.56	1000/ shift	44756
5	L/s	Contingencies						6757
Total								210500

Per plant	
2022-23	210500
Add 10% extra	231500
Add 10% extra	254795
Add 10% extra	280176
Add 10% extra	308139

[Signature]
 Divisional Forest Officer, IAC
 Chitaur Division, Chitaur

7424096/2023/FCA-PCCF

7424096/2023/FCA -PCCF

Data for Advance Operations for Raising of N/SHW Plantation (AR Model) (1 Ha)

Prepared on: 20/5/20

no.	Sl. No.	Description	Rate	Qty	Unit	Rate	Amount	Labour component	Total
1	1. No.	Survey Demarcation and cutting of 2 meter lines(4 km)	5.1-1. vms mandar as per RGR.	145	Plantation	0.00	345		345
2	1	Preparation of site for planting by clearing thorny unweeds, unusable jungle growth, creosote bushes etc., spreading the cut material all over the site and burning the same. Medium jungle growth (> 30% ground area covered with jungle growth)	2.1.4	12217.03	Hr	3354	15271		15271
3	1111	Alignment and staking including laying base line for miscellaneous species with replacement 2m2m (1111 New)	2.2.3 RSSR 1B (S)	114.72	300 nos	0.00	114.72		1275
4	1111	Use of 0.45 M Stake precession and transportation to site.	2.2.1 RSSR 1B (C)	61.17	300 nos	0.00	61.17		580
5	1111	Digging of 0.45m x 0.45 mts. x 0.45mts. Size pit.(0.00125 cum per one pit)	2.3.4/RSSR (item no.7(e))	245	Cum	0	245.00		24804
6		Contingencies							1326
Total							0		43600

2022-23 43600
 Add 10% extra 2022-24 47960
 Add 10% extra 2024-25 52756
 Add 10% extra 2025-26 58032
 Add 10% extra 2026-27 63858

[Signature]
 Divisional Forest Officer,
 Chitaur Division, Chitaur

Data for Raising of NTSIW Plantation under AR Method (1 Ha.)

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Sl. No.	Name of the work	FSR 2022-23	Qty	Rate	Advt. Sump. amount	Total	Per	Amount
1	Plantation site including loading and unloading upto 5 km lead - (lead 50 km lead) 20 x 30 cm (8"x12") bag plants	2.4.4	1111	383.90	0.00	383.90	100 Nos	4282
2	Transport of bag plants / Root trainer plants from Burtalgudem Central nursery site to plantation site including loading and unloading beyond 5 km lead - (lead for every km for 20 km 20 x 30 cm (8"x12") bag plants)	2.4.6	1111	672.30	0.00	672.30	100 Nos	7469
3	Internal transport of Bag Plants / root trainers to planting points on head leads - 20 x 30 cm (8"x12") bag plants	2.4.10 (As per RSSR SI no. 19(4))	1111	41.17	0.00	41.17	100 Nos	630
4	Planting bag plants in 45cmx45cmx45cm pits (RSSR No. 28 (4) (i) GO MS No. 27, P&RD (RD-1) Dept. Dt.21-04-2021)	2.3.7(a) per RSSR SI no. 18(a)	1111	4.47	0.00	4.47	Each	4966
5	Basal Dressing a) Cost of Chemical Fertilisers (50gm SSP for basal dressing, 20 gm DAP after planting for 30 and 45 cm pit) for all plantations in raising year (50gm SSP for basal dressing, (Cost of one bag of SSP 50kgs @Rs.40/-) as per market prevailing rates. 1111*0.050= 55.55 Kgs.	2.4.9 (i) As per market prevailing rates based on three minimum quotations	55.6	9.00	0.00	8.00	kg	444
6	b) Cost of Chemical Fertilisers (50gm SSP for basal dressing, 20 gm DAP after planting for 30 and 45 cm pit) for all plantations in raising year - 20gm DAP for stem (Cost of one bag of DAP 50kgs @Rs.140/-) as per market prevailing rates 1111*0.020= 22.22 Kgs	2.3.3 (ii) As per market prevailing rates based on three minimum quotations	22.21	30.70	0.00	28.00	kg	622
7	Application of herbicides	2.1.4	1111	50.80	11.79	63.50	100 Nos	709
8	Formation of waste around the plant (at the time of planting) during June/July in hard gravity soils.	2.1.3	1111	306.49	85.13	275.62	100 Nos	3062
9	Replacement of Casuarina upto a maximum of 30% (Arboreal)	2.3.30 (As per RSSR SI no. 19(4))	222	15.61	6.00	11.51	Each	3143
10	Reopening of pits - 45 Cm cube pits.	2.3.30 (As per RSSR SI no. 19(4))	222	15.61	6.00	11.51	Each	3143
11	Transport of bag plants / Root trainer plants from Burtalgudem Central nursery site to plantation site including loading and unloading upto 5 km lead -	2.4.2	222	383.90	1.03	383.81	100 Nos	852
12	Transport of bag plants / Root trainer plants from Burtalgudem Central nursery site to plantation site including loading and unloading beyond 5 km lead - (lead for every km for 20 km 20 x 30 cm (8"x12") bag plants)	2.4.6	222	672.30	0.00	672.30	100 Nos	1483
13	Internal transport of Bag Plants / root trainers to planting points on head leads - 20 x 30 cm (8"x12") bag plants	2.4.11 (As per RSSR SI no. 18(a))	222	41.17	0.00	41.17	100 Nos	136
14	Planting bag plants in 45cmx45cmx45cm pits (RSSR No. 28 (4) (i) GO MS No. 27, P&RD (RD-1) Dept. Dt.21-04-2021)	2.3.7(a) per RSSR SI no. 18(a)	222	4.47	0.00	4.47	Each	992
15	Cutting of Casuarina growth flush to the ground over the entire area including retaining useful species just after planting and passing the cut material to between the planting rows in high rainfall zone - 800 mm (as approved in FSR Zonal committee meeting dt.21.01.2023)	2.6.2	1.40	3083.12	520.78	2602.30	Hr	2604
16	Circle Weeding to a radius of 0.5 m. around the plant - 1st time during July / August and 2nd time during September / October (PCFR AC no.94/03/2012, DAFSA Dt.05.10.2012)	2.7.33	1111	149.43	37.46	187.38	100/100	2061
17	Soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant during November / December	2.7.11	1111	416.61	104.00	520.61	100/100	3777
18	Brush wood fencing around the planting area. Thorny fencing with sturdy thorn radius of 10 cm, 30cm (at the sub cut) and hung in cross bar holes with strengthening with more parking. The average height of brush should be 1.5m and fencing material should be fixed in 2 rows (diggierec) at 10cm apart. The fence should be tightened horizontally by tying with thorny ropes on both side.	53.1 (RSSR 21 (4))	150	10.54	0.00	30.24	4 Km	4881
19	Watch and Ward for protection of plantation 4x370*28000*9 Month*1 ha (dt. 21.01.2013)	As per Collector wage rate	1	9620	0.00	5929.00	Per Month	28160
20	Creation of firelines of 3m wide (Approved in FSR Zonal committee meeting dt. 21.01.2013)	5.4.4	150	7.05	1.96	9.01	Hr	1472
21	Contingencies	1%						7396
						Total		78901

2022-23 78901
Add 10% extra 2022-24 84791
Add 10% extra 2024-25 93272
Add 10% extra 2025-26 102222
Add 10% extra 2026-27 112448

29/05/23
Divisional Forest Officer,
Central Division, Chitradurga

7424096/2023/FCA-PCCF

Data for 1st Year Maintenance of NTSHW Plantation (1 Ha.)

S. No.	Quantity	Description of work	FR Item	Rate	Per	Rate including 30% Agency allowance on labour cost	Total	Amount	
2	277.7	Transportation of Bag plants / Root trainer plants from nursery site to plantation site including loading and unloading upto 5 Km. (Total 50 Km load) 20 x 30 cm (8x12") bag plants	2.4.2	383.60	100 nos.	0.000	383.60	1000	
3	477.7	Transportation of Bag plants / Root trainer plants from nursery site to plantation site including loading and unloading beyond 5 Km. - upto for every km. i.e. 20 Km. - 20 x 30 cm (8"x12") bag plants	2.4.6	472.30	100 nos.	0.00	671.20	1867	
4	277.7	Internal transport of bag plants/root trainers to planting points on head loads - 27.5 cm (5"x9") size bag plants	2.4.10 (As per RCR, SI no.18(8))	12.5	61.17	200 nos.	0.00	61.17	170
5	277.7	Planting bag plants in 45cmx45cmx45cm pits (MSB No. 18 & 19) 20 MS No. 27, 18&28 (RD-1) Dept. 78.22-24-2021	3.5.7(A) per RCR, SI no.18(8)	4.47	no	0.000	4.47	1241	
6	13.8	a) Cost of Chemical Fertilises (30gm. SSP for basal dressing, 20 gm. DAP after planting for 20 cm3 & 45 cm3 pits) for all plantations in coming year - 30gm. SSP for basal dressing. (Cost of one bag of SSP 5kgs @Rs.400/- as per market prevailing rates, 2777*0.050= 138 Kgs)			9	plant	0.000	0.00	124
7	5.6	b) Cost of Chemical Fertilises (30gm. SSP for basal dressing, 20 gm. DAP after planting for 20 cm3 & 45 cm3 pits) for all plantations in coming year - 30gm. DAP for plant. (Cost of one bag of DAP 5kgs @Rs. 340/- as per market prevailing rates, 2777*0.020= 55.54 Kgs)			25.70	0.00	25.70	99	157
8	277.7	Application of fertilizer after planting	2.5.4	24.00	100 nos.	12.70	63.50	176	
9	1	1st 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 NTSHW July/August	2.6.2	2083.12	Hec.	520.78	2603.90	2604	
10	1111	1st Circular weeding to a radius of 0.3 m around the plant during (Hard GRAVEL) October/November	2.9.10	140.83	100 nos.	37.46	187.29	2081	
11	1	2nd 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 NTSHW	2.6.2	1362.60	Hec.	315.60	1578.00	1578	
12	1111	Soil working to a radius of 10 cm and to a depth of 11 cm around the plant during Nov / Dec. (Hard GRAVEL)	2.7.10	416.61	100 nos.	106.08	520.01	5777	
13	1 Nov/ 12 Months	Watch and Ward for protection of plantation Rs370*6days*12Months*1 Ha.	As per Collector wage rate	9520.00	Per month	0.00	9520.00	38800	
14	LSC	Maintenance of Brushwood Fencing	As per RCR, SI no. 2.3.3	10.18	Per mt.	0.00	18.18	137	
15	200	Creation of firelines of 5m wide (approved in FSR 2004) (as per meeting dt. 11.02.2023)	3.4.4	7.81	Per mt.	1.96	9.81	196	
16		Continuance						122	
								54748	

2023-24 54748
 Add 10% extra 2023-24 60218
 Add 10% extra 2024-25 66275
 Add 10% extra 2025-26 72819
 Add 10% extra 2026-27 80145

Divisional Forest Officer,
 Chintur Division, Chintur

Data for 2nd year to 3rd Year Maintenance of NTSHW Plantation (1 Ha.)

130

PSP : 3x3x3m (1111 No's/Ha)

Sl. No.	Particulars	Rate	Quantity	Unit	Material	Labour component	Amount	Amount
1	1st Cutting of Caspice 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 > 900 mm (as approved in FSA Zonal committee meeting dt:21.03.2012)	2.6.2	2083.12	Hr.		520.78	2603.93	2604
2	1111 Circular weeding to a radius of 0.50m. around the plant during July/ August (HARD GRAVEL)	1.7.10	249.80	100 nos.		37.46	187.39	2081
3	1111 Soil working to a radius of 0.50m and to a depth of 15 cm around the plant during Nov / Dec. (HARD GRAVEL)	1.7.11	416.01	100 nos.		104.30	520.31	5277
4	1 2nd 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 two times for both 1st and 2nd (for raising and maintenance) October/November	2.6.1	1262.40	Hr.		315.50	1578.00	1578
5	13.8 Cost of Chemical fertilizers (50gms SSP for basal dressing, 20 gm DAP after planting for 30 cm3 & 45 cm3 pits).	2.5.3	9	plant		0.000	9.00	124
6	1111 Application of fertilizer after planting by making 3 holes of 10 cms depth with crow bar - 10 cms away from plant and putting fertilizers and closing	2.5.4	56.80	100 nos		12.70	69.50	700
7	230 Creation of firelines	8.4.5	8.65	Rmt.		2.36	10.81	2161
8	1 Nos/ 12 Months Watch and Ward for protection of plantation 6x370*26days*12Months*1 No	As per Collector wage rate	320.00	per Day		0.00		30960
9	150 Maintenance of Brushwood Fencing	RSSR Rate 5.3.2	30.18	mtl.		0.00	10.18	153.7
10	1 ha. Contingencies							1381
								46800

2022-23	44800
Add 10% extra 2022-24	51480
Add 10% extra 2024-25	56628
Add 10% extra 2025-26	62301
Add 10% extra 2026-27	68520
Add 10% extra 2027-28	75300
Add 10% extra 2028-29	82650
Add 10% extra 2029-30	90580
Add 10% extra 2030-31	99100
Add 10% extra 2031-32	108230
Add 10% extra 2032-33	118000
Add 10% extra 2033-34	128440
Add 10% extra 2034-35	139580
Add 10% extra 2035-36	151450

Divisional Forest Officer
Cheruvu Division, Chittoor

Data for 4th year to 10th Year Maintenance of NTSHW Plantation (1 Ha.)

ESP : 3m x 3m (1111 90/94)

S. no.	Sl. No.	Description	Rate	Quantity	Unit	Material	Labour	Equipment	Total
1	1	1a. 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 a high rainfall zone > 800 mm (as approved in P3R, zonal committee meeting dt.21.02.2013)	3.4.3	3063.12	Ha.	510.78	2603.90	2604	
2	1111	Circular weeding to a radius of 0.50m. around the plant during July/ August (HARD GRAVEL)	2.7.10	149.83	100 Hrs.	37.46	187.29	2188	
3	1111	Soil working to a radius of 0.50m and to a depth of 15 cm around the plant during Nov / Dec. (Hard GRAVEL)	2.7.11	416.01	100 Hrs.	104.00	526.01	577	
4	13.8	Cost of Chemical fertilisers (50gms SSP for insect dressing, 20 gm DAP after planting for 50 and 45 cm x 30 cm).	2.5.3	0	plant	6.00	0.00	124	
5	220	Creation of Fines	5.4.2	8.65	Rmt.	2.35	16.81	2169	
6	1 Row/ 12 Months	Watch and Ward for protection of plantation Rs270*16days*13Months*1 Row	As per Collector wage rate	370.80	per day	0.00		28800	
7	150	Maintenance of Brushwood Fencing	RSR Rate 5.3.2	10.28	Rmt.	0.00	16.18	153	
8	1 ha	Contingences							1381
Total									44917

Add 10% extra 2021-24 44517
 Add 10% extra 2024-25 51866
 Add 10% extra 2025-26 52252
 Add 10% extra 2026-27 63177
 Add 10% extra 2027-28 74596
 Add 10% extra 2028-29 78865
 Add 10% extra 2029-30 85111
 Add 10% extra 2030-31 92426
 Add 10% extra 2031-32 100999
 Add 10% extra 2032-33 110966
 Add 10% extra 2033-34 121466
 Add 10% extra 2034-35 132712
 Add 10% extra 2035-36 133885

Divisional Forest Officer
 Chitaur Division, Chitaur