

214/547/2023
4639/2022/FC1
GOVERNMENT OF TELANGANA
FOREST DEPARTMENT

From:
Sri. D. Bheema Naik., IFS.,
Chief Conservator of Forests,
Bhadradi Circle, Warangal.

To:
The Prl.Chief Conservator of Forests (HoFF), Telangana
State,
HYDERABAD



Rc.No.1740/2023/D1, Dated: 11.08.2023

Sir,

Sub :- TS - F(C) Act, 1980 - Diversion of forest land for (4) road projects in Mulugu District in favour of R&B Dept - Non-forest land of **114.8625 Ha** for CA identified in WLM Kinnerasani Division of Bhadradi Kothagudem District - Compensatory Afforestation Scheme in NFL and DFL for **10.7249 Ha** - Submitted - Reg.

Ref :- 1. Prl.C.C.F. T.S., Hyderabad Rc.No.FC2/FC09/27/2022
(16704/2019/FCA-2), Dt. 08.08.2023
2. DFO, Bhadradi Rc.No.719/2020/D1, Dt.18.08.2023

FCB
Adverting to the reference 1st cited above, the District Forest Officer, Bhadradi Kothagudem vide reference 2nd cited above has submitted that the Principal Chief Conservator of Forests (Head of Forest Force), Telangana State, Hyderabad vide reference 1st cited has issued the instructions to prepare the Compensatory Afforestation Scheme for 10.7249 Ha in Sy.No.28 of Rangapuram Village, Allapally Mandal in WLM Kinnerasani Division, Paloncha in lieu of diversion of forest for the following four road projects pertaining to Mulugu District.

Sl. No	Name of the Project	Area proposed in Ha	Area recommended in Ha
1	Edhira to Kothapally	3.143	3.143
2	Chityal to Bhupathipuram	1.866	1.866
3	Cherukur to Peruru	2.288	2.288
4	Patha Alubaka to Seetharampuram	3.951	2.2293
Total:		11.248	9.5263

In this regard, the District Forest Officer, Bhadradi Kothagudem has submitted that, accordingly the Forest Divisional Officer, WLM Kinnerasani Division has submitted the Compensatory Afforestation scheme for 10.7249 Ha in above said NFL area and in following DFL areas with a financial out lay of **Rs.229.87240 Lakhs.**

Sl. No.	Name of the Range	Name of the Section	Name of the Beat	Name of the RF	Compt. No.	Area proposed for CA
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Allapally	Venkatapuram	Venkatapuram (E)	Allapally	27	10.7249

Further, the District Forest Officer, Bhadradri Kothagudem has submitted that, the write up of CA Scheme, Compensatory Afforestation scheme in NFL and DFL areas along Location Map, Surveyed Sketch and KML file of DFL area are submitted and requested to forward to the Prl.Chief Conservator of Forests (HoFF), Telangana, Hyderabad for further action.

Therefore, based on the report of the District Forest Officer, Bhadradri Kothagudem, the write up of CA Scheme, Compensatory Afforestation scheme in NFL and DFL areas along Location Map, Surveyed Sketch and KML file of DFL area are submitted to the Prl.Chief Conservator of Forests (HoFF), TS, Hyderabad in (4) sets for taking further action in the matter.

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

Yours faithfully,

Sd/- D.Bheema Naik
Chief Conservator of Forests,
Bhadradri Circle, Warangal.

Copy submitted to the Prl.Chief Conservator of Forests (HoFF), Telangana, Hyderabad (FCA) for favour of kind information and necessary action.

Copy to the District Forest Officer, Bhadradri Kothagudem for information.

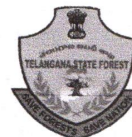
//T.C.B.O//

Superintendent

11/8/2023



**GOVERNMENT OF TELANGANA
FOREST DEPARTMENT**



From,
Sri. Rahul Kisan Jadhav, I.F.S.,
District Forest Officer,
Mulugu District

To,
The Chief Conservator of Forests,
Kaleswaram Circle,
Jayashankar Bhupalpally (HQ).

Rc.No.344/2022/TO, Date. 3.07.2023

Sir,

Sub: TSFD - F (C) Act, 1980 - Diversion of 2.472 ha Forest land in Venkatapuram Division for Constructions of BT Road from Path Alubaka to Seetharampuram via Mutharam from 0/0 Km to 5/5 in Ramachandrapuram & Nugur RF of Venkatapuram Division of Mulugu District in favour of District R&B Officer, Mulugu - Additional Documents / Clarifications called for - Report Submitted - Regarding.

Ref: 1. PCCF, TS, HYD, Rc.no.997/2021/FCA-2, Dt.16.11.2022.
2. DFO, Mulugu, Rc.No.344/2022/TO, Dt.10.03.2023.
3. CCF, Kaleswaram, Rc.No.948/2023/TO, Dt.10.04.2023.
4. PCCF, TS, HYD, Rc.No.FC2/FC09/20/2022 (997/2021/FCA-1), Dt.17.06.2023.

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Kind attention is invited to the subject and reference cited above. It is submitted that, the Prl. Chief Conservator of Forests (HoFF), TS, Hyderabad, vide reference 3rd cited above has issued instructions that, the Chief Conservator of Forests, Kaleswaram Circle, Jayashankar Bhupalpally vide reference 3rd cited submitted replies to the EDS raised by IRO, on verification certain shortcomings are noticed. In this connection, action to be taken against each point of the EDS raised by the IRO, MoEF&CC, GoI, Hyderabad is detailed below.

Sl. No.	EDS sought by IRO	Replies																																																																						
1	Legal status of the existing road may be furnished along with the supporting documents;	<p>The Road passing through Ramachandrapuram and Nuguru RF Block and Bodhapuram CA land handed over to Forest Department.</p> <p>No RoW in Ramachnadrapuram RF. According to Go.Ms.No.1090, Dt.02.08.1971 and published in AP state Gazette No.29-B in Page no. 1&2, Dt.23.09.1971.</p> <p>No RoW in Nuguru RF. According to Go.Ms.No.71, Dt.15.02.1922.</p> <p>No RoW in Bodapuram CA</p> <table><tr><th>Sl. No</th><th>Segment</th><th>Block</th><th>Length (M)</th><th>Width (M)</th><th>Area in Ha</th><th>RoW</th></tr><tr><td>1</td><td>A-B</td><td>Bodapuram CA</td><td>217.53</td><td>5</td><td>0.1088</td><td>No</td></tr><tr><td>2</td><td>B-C</td><td>Ramachandrapuram RF</td><td>1239.85</td><td>5</td><td>0.6199</td><td>No</td></tr><tr><td>3</td><td>C-D</td><td>Nuguru RF</td><td>1785.48</td><td>5</td><td>0.8927</td><td>No</td></tr><tr><td>4</td><td>D-E</td><td>Nuguru RF</td><td>51.33</td><td>5</td><td>0.0257</td><td>No</td></tr><tr><td>5</td><td>E-F</td><td>Nuguru RF</td><td>69.63</td><td>5</td><td>0.0348</td><td>No</td></tr><tr><td>6</td><td>F-G</td><td>Nuguru RF</td><td>1094.9</td><td>5</td><td>0.5475</td><td>No</td></tr><tr><td colspan="3">Total:</td><td>4458.72</td><td></td><td>2.229</td><td></td></tr><tr><td>7</td><td>G-H</td><td>Revenue Land</td><td>560.27</td><td>5</td><td>0.2801</td><td>No</td></tr><tr><td colspan="3">Total:</td><td>5018.99</td><td></td><td>2.509</td><td></td></tr></table>	Sl. No	Segment	Block	Length (M)	Width (M)	Area in Ha	RoW	1	A-B	Bodapuram CA	217.53	5	0.1088	No	2	B-C	Ramachandrapuram RF	1239.85	5	0.6199	No	3	C-D	Nuguru RF	1785.48	5	0.8927	No	4	D-E	Nuguru RF	51.33	5	0.0257	No	5	E-F	Nuguru RF	69.63	5	0.0348	No	6	F-G	Nuguru RF	1094.9	5	0.5475	No	Total:			4458.72		2.229		7	G-H	Revenue Land	560.27	5	0.2801	No	Total:			5018.99		2.509	
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Sl. No.	EDS sought by IRO	Replies
2	On perusal of the top sheet, it was seen that some portion of the area proposed fall Outside RF. Hence, instant proposal may be re-examined by the DFO and resubmitted By uploading the proposed diversion by superimposing on notified/legal map of RF. It Is further noticed that the alignment of the road (as per uploaded KML) is falling over the existing houses/buildings, which may be reviewed and revised	As discussed above in point (1) the segment G-H fall outside of Reserve Forest. The map as submitted in point is same here. (Map Enclosed)
3	Site Inspection Report of the CA land identified may be submitted along with details. Such as right of way/road, Soil Suitability, suitability of the area from the management Point of view etc.,	CA land is identified at Sy.No.154/1 & 154/2, Gundenga village,Guduru mandal, Mahabubabad District. Hence, the Site Inspection Report of the CA land to be submitted by the DFO, Mahabubabad.
4	KML/Map of the area identified as DFL shall be submitted & uploaded	CA land is identified at Sy.No.154/1 & 154/2, Gundenga village,Guduru mandal, Mahabubabad District. Hence, the Report of DFL area to be submitted by the DFO, Mahabubabad.
5	All the rows/column on Parivesh shall be mandatorily filled be the concerned DFO in Part-II	Omissions attended
6	Some of the components like purchasing of patrolling vehicle, maintenance of vehicle, Wages of drivers, Construction of supervisory huts & Engaging computer operators have been proposed in the CA scheme. These items may be avoided as they did not fit Into the CA scheme. Utility vehicle for the purpose of transportation of planting material, Tools etc. may be more appropriate in place of a patrolling vehicle	CA land is identified at Sy.No.154/1 & 154/2, Gundenga village,Guduru mandal, Mahabubabad District. Hence, the Report of CA Scheme details to be submitted by the DFO, Mahabubabad.
7	The DFO shall ensure no work in violation of FCA. 1980 in the forest area	No violation done by user agency

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

Encl: As above

Yours faithfully,


District Forest Officer,
Mulug District

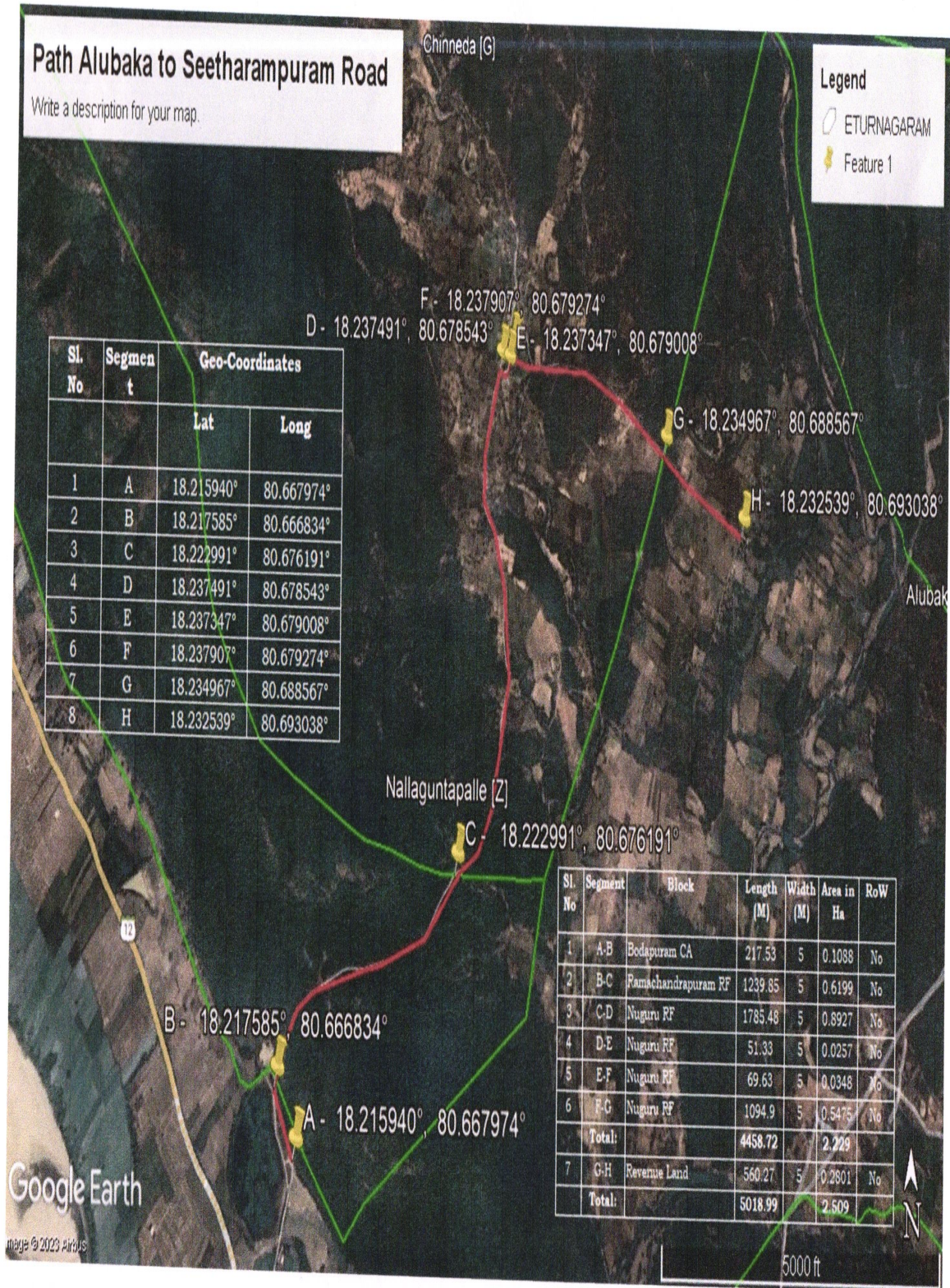
Copy submitted to the Prl. Chief Conservator of Forests (HoFF), TS, Hyderabad, for favour of kind information.

Copy to the District R&B Officer, Mulugu for favour of kind information.

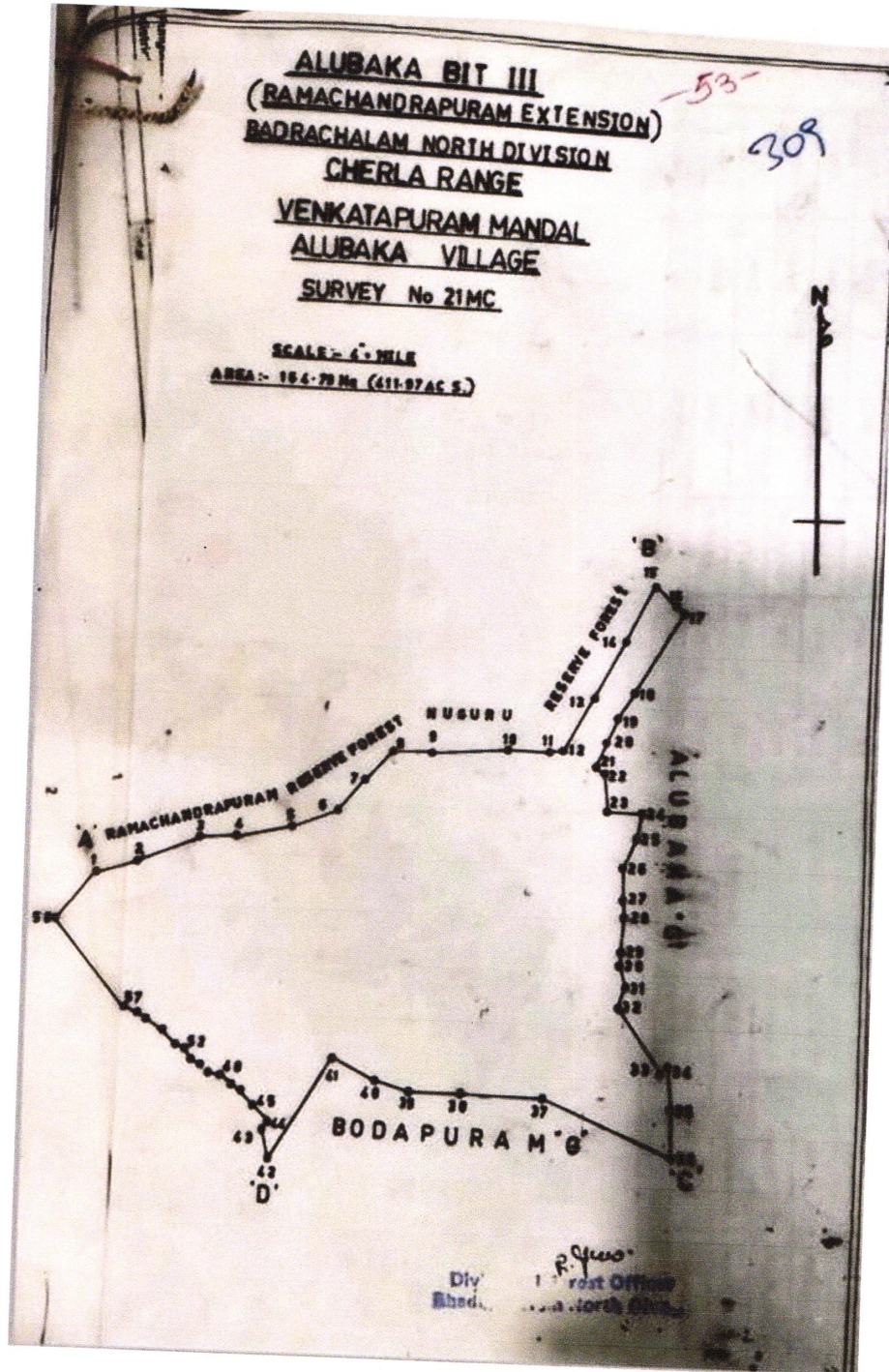
Copy to the Forest Divisional Officer, Venkatapuram Division for information.

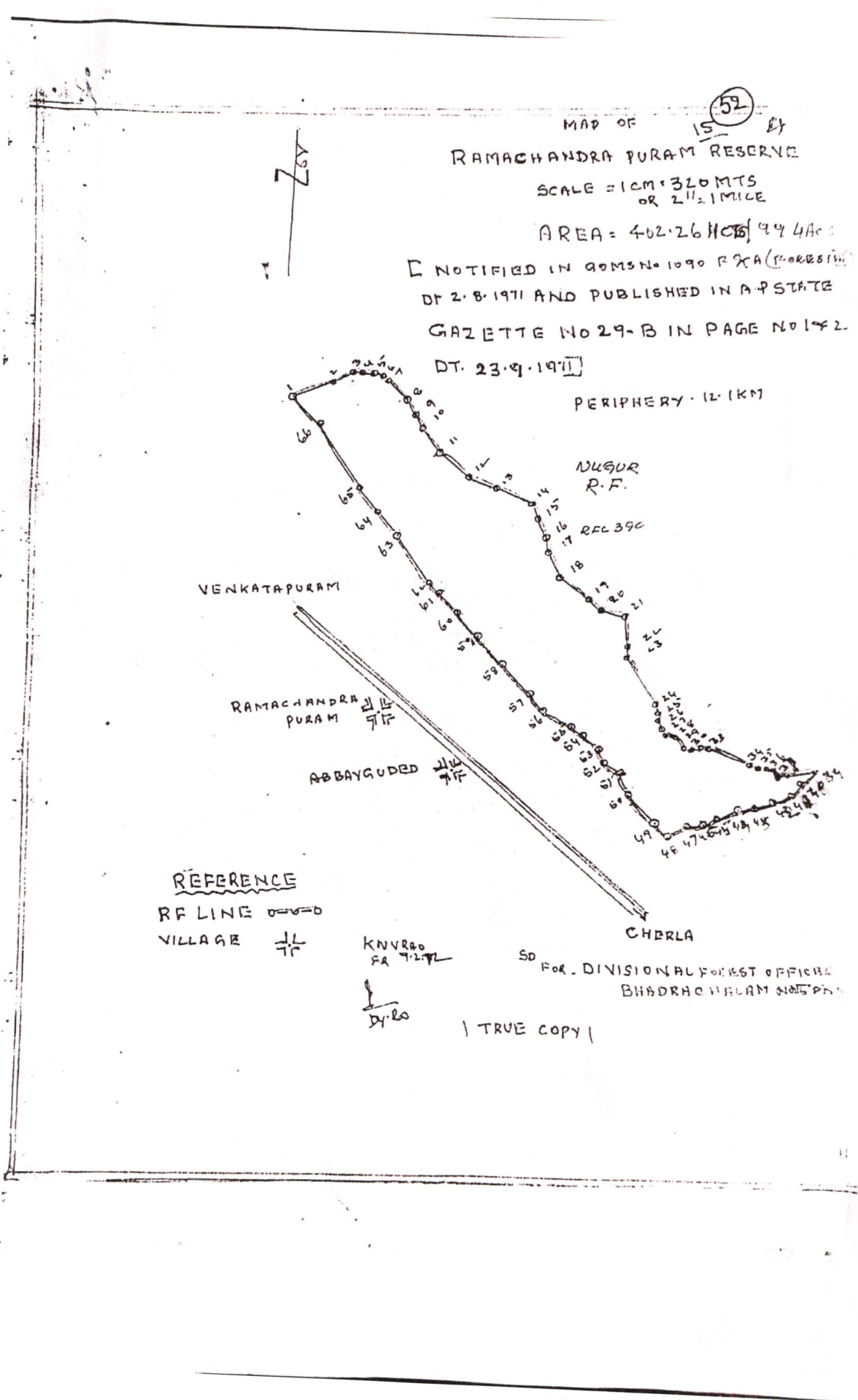

District Forest Officer,
Mulug District

Patha Alubaka to Seetharampuram Road



Bodapuram CA Area Map





Scanned with CamScanner

KHAMMAM DISTRICT GAZETTE

57

Starting point.

Disposal of Rights.

The cultivated lands of the following claimants, which were included in the block and are excluded from reentry:

Total 22

Disposal of Galran

The areas of the following five villages have been taken and constituted the block of Pattuchera for reservation to an extent of 811 acres and 60 guntas. The total area of each village and the areas which are under cultivation and village sites are as under:—

There is a balance

The above villages are unsurveyed. There is a balance of 613 acres of land available in the above five villages and the same is more than five percent of the cultivable area. This is for all the purposes viz. grain and for other communal requirements of the village was earlier plotted in G. O. No. 95 dated 24th January 1970. As such, no area needs to be excluded for it for the proposed block.

Khannam-3.

Thorough fares.

The following two cart tracks for a width of 3 metres and a foot path for a width of 2 metres are admitted as right of way for the public and cattle.

1. *Cart track from Pattucheera to Ranganapuram*.—It enters the block near to the cairn No. 67 between 68 and 69. Of the block runs over a distance of 232 metres southerly and exits the block in between cairn No 16 and 17.

2. Cart track from Collagula to Madhavarepet via Kannepuram. It enters the block between cairn 5 and 6 at a distance of 11 metres from cairn No. 5, runs over a distance of 285 metres and exits the block between cairn Nos. 84 and 85 at a distance of 192 metres from cairn No. 84.

3. Foot-path from Kannapuram to Pattucheer. It enters the block between cairn Nos. 9 and 10 at a distance of 37 metres from cairn No. 10 runs over a distance of 638 metres exits the blocks at a distance of 100 metres from cairn No. 74 between cairns 74 and 75.

[G. O. Ms. No. 1090, Food and Agriculture (Forest III),
2d August 1971].

NOTIFICATION

In exercise of the powers conferred by section 15 of the Andhra Pradesh Forest Act, 1947 (Act 10 of 1967), the Governor of Andhra Pradesh hereby declares the Forest land described in the schedule below (delineated in the map kept in the Office of the Chief Conservator of Forests), to be a reserved Forest with effect from the date of publication of this notification in the *Andhra Pradesh Gazette*.

SCHEDULE

Name of the District:—Khapimam

Name of the Division:—Bhadrachalam North.

Name of the Taluq:—Nugur.

Name of the Range:—Cherai.

Name of the Villages—Ramachandrapuram and
Abbayagudem.

Name of the Forest block reserved. Ramechandrapuram

Area of the Forest block reserved. } 914.00 Acres/402.26 Hectares.

Details of area included in the Reserve Forest.

Name of the village.	Nature of land.	Survey No.	Area in Acres.
(1)	(2)	(3)	(4)
Ramachandrapuram and Abbayagudem	Waste lands.	Not surveyed.	994

BOUNDARIES

North.—Starting from cairn No. 335, of Nugur Reserve, the boundary line runs easterly along the notified Coober Forest to cairn No. 4 with the following magnetic bearings and distances:

KHAMMAM DISTRICT GAZETTE				1 AUG			
Cairn Nos.		Magnetic bearings in deg. cs.	Distances in links.	(1)	(2)	(3)	(4)
From	To						
(1)	(2)	(3)	(4)				
1	2	73½	1194	54	55	310	187
2	3	73	108	55	56	294	1410
3	4	75½	102	56	57	322	860
				57	58	315	1750
				58	59	322	1536
				59	60	319	1196
				60	61	315	1168
				61	62	319	600
				62	63	319	219
				63	64	319	1380
				64	65	318	1763
				65	66	318	3180
				66	1	314	1850
4	5	105½	567				
5	6	106	145				
6	7	108	130				
7	8	136	1211				
8	9	155	826				
9	10	152½	527				
10	11	150½	1343				
11	12	152	1662				
12	13	111½	1311				
13	14	133	1633				
14	15	163½	649				
15	16	164	942				
16	17	152½	448				
17	18	154	1256				
18	19	131½	1551				
19	20	117½	794				
20	21	116	1063				
21	22	176½	1063				
22	23	179	487				
23	24	150½	231				
24	25	152½	344				
25	26	164	248				
26	27	160½	387				
27	28	159½	261				
28	29	127	597				
29	30	119	569				
30	31	93½	266				
31	32	94	820				
32	33	84	227				
33	34	112½	200				
34	35	94	566				
35	36	83½	217				
36	37	100½	154				
37	38	122½	463				
38	39	94	1467				
South.—Thence, runs westerly upto cairn No. 48 with the following magnetic bearings and distances:							
39	40	215½	688				
40	41	225½	607				
41	42	253½	776				
42	43	260½	926				
43	44	261	565				
44	45	250½	1073				
45	46	252	688				
46	47	262½	662				
47	48	247½	1023				
West.—Thence, the boundary line runs north westerly and reaches the starting point i.e. cairn No. 335 of notified Nagar Reserve Forest with the following magnetic bearings and distances:							
48	49	313	732				
49	50	314	1573				
50	51	332½	910				
51	52	313½	784				
52	53	339	480				
53	54	310½	900				

DISPOSAL OF RIGHTS.

No patta lands are included in the block and objection or claim petitions are received from public in respect of this block.

DISPOSAL OF GAIRAN.

The area under cultivation is 707.77 acres in Ran chandrapuram and Abbayagudem villages. These villages are not surveyed. However, there is a plenty of Government land measuring 432.99 acres in addition to the area proposed for reservation. This is more than 5% of the cultivable area and will suffice for gairan and for minimum communal requirements of the villagers. No extra area is therefore needed to be set apart from the area proposed for reservation.

THOROUGHFARES.

No cart track or foot-path passes through the block.

(G. O. Ms. No. 1134, Food and Agriculture (Forest) 7th August 1971.)

NOTIFICATION.

In exercise of the powers conferred by section 15 of Andhra Pradesh Forest Act 1967 (Act 1 of 1967), Governor of Andhra Pradesh hereby declares the Forest and described in the schedule below (delimited in map kept in the office of the Chief Conservator of Forests) to be a reserved Forest with effect from date of publication of this notification in the Pradesh Gazette.

SCHEDULE.

Name of the District.—Khammam

Name of the Division.—Bhadrachalam North

Name of the Taluk.—Bhadrachalam

Name of the Range.—Bhadrachalam

Name of the villages.—1. Ramagopalapuram

2. Rangapuram

3. Mallavaram

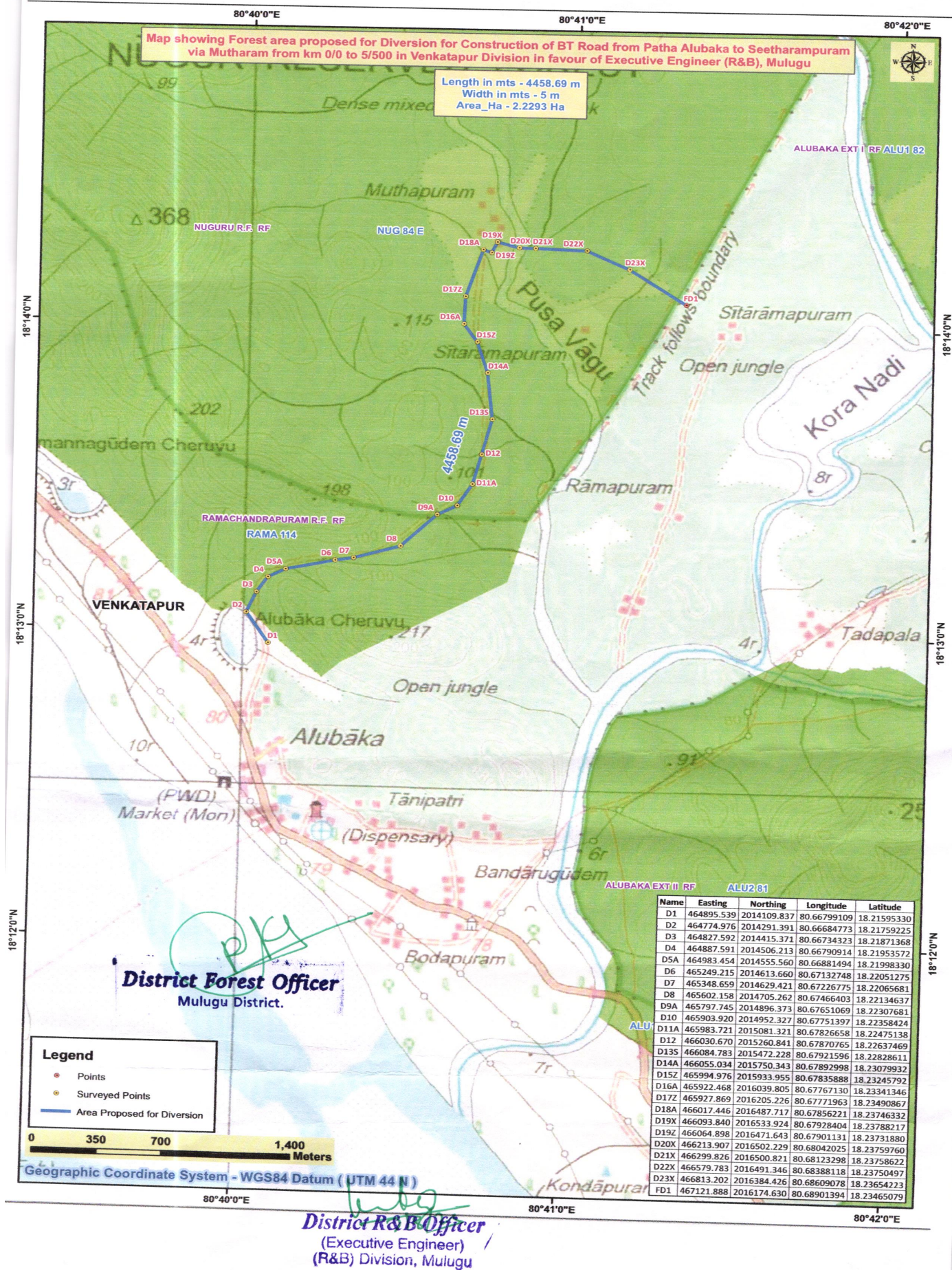
4. Kusumanapalli

5. Pandivatigudem

6. (Deverapalli)

Veeraigudem

7. Narsingapeta



**Government of Telangana
Roads & Buildings Department**

From

Sri A. Kishan Rao, M.Tech
Executive Engineer (R&B),
Mulugu Division,

To

The District Forest Officer,
Mulugu District,

Lr No. EE/R&B/Mlg/ Frst-Alubaka/2019-20

Date: 20.09.2023

Sir,

Sub: LWE works – Diversion of 2.472 Ha in Venkatapuram division for laying of BT road from Patha Alubaka to Seetharampuram from km 0/0 to 5/5 in Mulugu district in favour of Executive Engineer, R & B department - Submission of Additional information on CA land.- Regd.

Ref: 1.PCCF, Telangana, Hyd, Rc No: 997/2021--FCA-2, Dt 16.11.2022
2 GOI, MoEF&CC, IRO, Hyd F No: 4-TSB310/2022-CHN/789, Dt 07.11.2022.
3. EE/R&B/Mlg's Lr No. DB/ATO/EE/R&B/Mlg/ P-A Road/2022-23 Dt: 20.01.2023
4 PCCF, Hyd's Ref No; FC2/FC09/16/2023(i) Dt 23.08.2023.

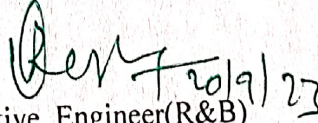
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With reference to the subject cited, above, I here with submit that, The Govt of Telangana has sanctioned the work of "Construction of BT road from Patha Alubaka to Seetharampuram from km 0/0 to 5/5 in Mulugu district", with central aid as per instructions of Ministry of Home Affairs, GoI, New Delhi, for minimizing the left wing extremism movement & attraction in Mulugu dist. The work has been sanctioned under LWE Ph I and diversion proposals were submitted in 2019. The reply to EDS of IRO also submitted to DFO, Mulugu on 20.01.2023 vide ref (3), above.

During the review meeting of the Principal Chief Conservator of Forest, Hyd at Aranya Bhavan on 05.07.2023, is instructed to allot clear revenue land towards CA allotment. The Revenue land is identified in Rangapuram(V) of Allapally(M) of Kothagudem dist, and DGPS survey completed. Vide ref (4) above, The Principal Chief Conservator of Forest, Hyderabad has authenticated the DGPS map of CA land in Kothagudem for 2.229 Ha

Hence, I am requesting, The District Forest Officer, Mulugu, to process, the road diversion proposal at early, to minimize delay in development of rural infrastructure.

Yours faithfully,


Executive Engineer(R&B)
Division Mulugu,

Copy submitted to,

1. The Chief Engineer (R&B), LWE for favour of information.
2. The Principal Chief Conservator of Forest, Hyd, for favour of information.

**GOVERNMENT OF TELANGANA
ROADS AND BUILDINGS DEPARTMENT**

From,
Sri N.Venkatesh, M.Tech
District (R&B) Officer,
(Executive Engineer)
JS Bhupalapally, Mulugu

To
The District Forest Officer
Mulugu District

Letter No. DB/ATO/EE/R&B/Mlg/P-A road/ 2022-23/

Dated:20-01-2023

Sir,

Sub:-Dist. R&B Office Mulugu- Diversion of 2.472 Ha of Forest land of Mulugu district for construction of B.T. road from Patha Alubaka to Seetharampuram via Mutharam from Km 0/0 to 5/5 in Ramachandrapuram & Nugur RF of Venkatapuram Division of Mulugu district in favour of District R&B Officer, Mulugu District -Additional documents/Clarification called for- submission of Clarifications-reg.

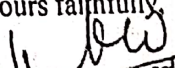
Ref: -1. PCCF, Telangana, Hyderabad, RC No. 997/2021-FCA-2, Dt 16-11-2022
2. GoI, MoEF&CC, IRO, Hyd., F.No. 4-TSB310/2022-CHN/789, dt:07-11-2022

* * *

With reference to the subject cited it is to inform that vide ref. 1st cited the PCCF, Telangana has communicated the ref. 2nd cited in which Additional documents/Clarifications called for by the IRO Hyderabad. Accordingly I submit herewith the replies point-wise as under.

1. The proposed road is an existing earthen road connecting Mutharam village with villages of Alubaka and Seetharampuram and earthen road exists since 1980.
2. As per the up loaded KML file the alignment may seems falling over the existing houses but as per field condition the road passes away from the houses.
3. CA land identified for this project in Mahabubabad district and the particulars called were already submitted by the District Forest Officer Mahabubabad.
4. To be attended by the District Forest Officer, Mahabubabad.
5. To be attended by the District Forest Officer, Mulugu
6. To attended by the forest officials
7. To attended by the forest officials

Therefore I request the District Forest Officer, Mulugu to submit the compliance as called by the PCCF Telangana vide ref. 1st cited for further process of the above diversion proposal.

Yours faithfully,

District R&B Officer
(Executive Engineer)
JS Bhupalapally, Mulugu

Copy to District Forest Officer, Mahabubabad and requested to submit the compliance as called by the PCCF Telangana vide ref. 1st cited for the points concerned to your selves.

Map showing CA land to be taken over in Sy No 1 of Rangapuram (V), Allapalli (M)
of Kinnerasani Division in lieu of forest lands proposed for diversion for various Road Projects in Kothagudem Division



Fairly dense mixed jungle

389

MARKODE RF

MAR 8

MAR 31

MAR 29

KINNERASANI

Rangapuram

MAR 30



Sno	District	Name of the Road Proposal	Apportionment Area_Ha
1	Mulugu	Edhira to Kothapally	3.1430
2	Mulugu	Chityal to Bhupatipuram	1.8660
3	Mulugu	Cherukuru to Peruru	2.2880
4	Mulugu	Patha Alubaka to Seetharampuram	2.2293
5		Balance	1.1964
Total			10.7227

0 200 400 800 Meters

Prof. Bhadrachari Kothagudem

MAR 28

Legend

Area Proposed for CA Land

Geographic Coordinate System - WGS84 Datum (UTM 44N)

Tagged to nearest SOI GCP

**GOVERNMENT OF TELANGANA
FOREST DEPARTMENT**

Rc. No. 719/2020/D1,
Dated: 10.08.2023.

Office of the District Forest Officer,
Bhadradi Kothagudem District.

From:
Sri.G. Kista Goud, IFS.,
District Forest Officer,
Bhadradi Kothagudem District,
Kothagudem

To:
The Chief Conservator of Forests
Bhadradi Circle,
Warangal.

Sir,

Sub: TS – F(C) Act, 1980 – Diversion of forest land for (4) road projects in Mulugu District in favour of R&B Dept – Non-forest land of **114.8625 Ha** for CA identified in WLM Kinnerasani Division of Bhadradi Kothagudem District - Compensatory Afforestation Scheme in NFL and DFL for **10.7249 Ha** – Submitted - Reg.

Ref: 1. Prl.C.C.F. T.S., Hyderabad Rc.No. FC2/FC09/27/2022 (16704/2019/FCA-2), Dt. 08.08.2023.

2 FDO, WLM Kinnerasani Rc. No. 589/2020/K3, Dt. 09.08.2023.

With reference to the subject and references cited above. It is submitted that, the Principal Chief Conservator of Forests (Head of Forest Force), Telangana State, Hyderabad vide reference 1st cited has issued the instructions to prepare the Compensatory Afforestation Scheme for 10.7249 Ha in Sy. No. 28 of Rangapuram Village, Allapally Mandal in WLM Kinnerasani Division, Paloncha in lieu of diversion of forest for the following four road projects pertaining to Mulugu District.

Sl. No	Name of the Project	Area proposed in Ha	Area recommended in Ha
1	Edhira to Kothapally	3.143	3.143
2	Chityal to Bhupathipuram	1.866	1.866
3	Cherukur to Peruru	2.288	2.288
4	Patha Alubaka to Seetharampuram	3.951	2.2293
Total:		11.248	9.5263

Accordingly the Forest Divisional Officer, WLM Kinnerasani Division, Paloncha vide reference 2nd cited has submitted the Compensatory Afforestation scheme for 10.7249 Ha in above said NFL area and in following DFL areas with a financial out lay of **Rs. 229.87240 lakhs..**

Sl. No.	Name of the Range	Name of the Section	Name of the Beat	Name of the RF	Compt. No.	Area proposed for CA
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Allapally	Venkatapuram	Venkatapuram (E)	Allapally	27	10.7249

The write up of CA Scheme, Compensatory Afforestation scheme in NFL and DFL areas along Location Map, Surveyed Sketch and KML file of DFL area received from the Forest Divisional Officer, WLM Kinnerasani Division, Paloncha are submitted herewith in (5) sets for favour of further necessary action.

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

Encl: (5) Sets

Yours Faithfully,

District Forest Officer
Bhadradi Kothagudem District.

Copy submitted to the Principal Chief Conservator of Forests (HoFF), T.S. Hyderabad along with enclosure for favour of kind information.

Copy submitted to the Collector & District Magistrate, Bhadradi Kothagudem District for favour of information.

Copy to the District (R & B) Officer, Bhadradi Kothagudem District, Kothagudem for information.

Copy to the Forest Divisional Officer, WLM Kinnerasani for information.

District Forest Officer
Bhadradi Kothagudem District.

I/174791/2023

**GOVERNMENT OF TELANGANA
FOREST DEPARTMENT**

Rc.No.FC2/FC09/20/2022
997/2021/FCA1,
Dated:31/08/2023

O/o the Prl. Chief Conservator of Forests,
(Head of Forest Force), Telangana,
"Aranya Bhavan", Saifabad, Hyderabad.

Sri R M Dobriyal, I.F.S.,
Prl. Chief Conservator of Forests &
Head of Forest Force

Sub: TSFD - F(C)Act, 1980 – diversion of forest land for (4) road projects in Mulugu
- Districts in favour of R&B Dept – non-forest land for CA identified in
Kothagudem District – CA scheme proposal submitted – verified and accepted
with changes – intimation -Reg.

Ref : 1. CCF, Kothagudem Lr.No 147/2019/M3, dt.11.02.2021.
- 2. Dist R&B Officer (R&B), Bhadradi Kothagudem District Lr.No TO/DB/CA
land 2023, dt.31.07.2023.
3. PCCF, TS, Hyderabad Lr.No.FC2/FC09/27/2022 (16704/2019/FCA2),
dt.08.08.2023.
4. DFO, Kothagudem Lr.No.1740/2023/D1, dt.11.08.2023.

Immediate attention is invited to the references cited.

The CA scheme proposal as prepared and submitted by the District Forest Officer,
Kothagudem vide ref 4th cited over CA-NFL identified to an extent of **10.7228 Ha in
Sy.No.1 of Rangapuram Village** in lieu of diversion of Forest land of (4) road
projects submitted by the R&B Dept vide ref 4th cited is examined and the same is
accepted with the following modifications:

Sl. No	Activity	Amount proposed (Lakhs)	Approved
NFL			
1	Fire line	8.37243	4.37
2	Mini percolation tanks (Restricted to 2 Nos)	3.63	1.83
3	Percolation tanks (Restricted to 1 No)	12.10	6.00
4	RFDS	9.075	4.07
5	Monitoring huts	15.972	0
6	Animal Tracker	25.37631	12.6
7	Administrative cost	11.46946	6.90389
DFL			
1	RFDS	4.84	0
2	percolation tanks (Restricted to 1 No)	7.26	3.6
3	Staggered trench	13.0992	7.0
4	Administrative cost (Not required., as already included in	9.42	0

I/174791/2023

NFL scheme)		
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After the above changes, the following will be the approved NFL and DFL scheme.

NFL			
		As proposed	Approved
1	Cultural operations	9.86817	5.86574
2	Protection of NFL for CA	0	0
3	SMC works	38.6165	25.7115
4	Habitat improvement works	66.20995	37.46164
	Sub-total	114.69462	69.03888
5	Adm Cost - 10%	11.469462	6.903888
	Total	126.164082	75.942768
DFL			
		As proposed	Approved
1	Nurserey	5.90121	5.90121
1 (a)	CA in DFL	61.3985	61.3985
2	FP including fire protection and SMC works	26.01742	11.41822
3	Habitat improvement works	0.96316	0.96316
	Sub-total	94.28029	79.68109
4	Adm Cost - 10%	9.428029	0
	Total	103.708319	79.68109

The DFO., Kothagudem is requested to take further necessary action in the matter accordingly.

Encl: As above

Prl. Chief Conservator of Forests
& HoFF

To

The DFO., Kothagudem.

Copy to the Conservator of Forests, Bhadradi Circle, Hqs-warangal for information and necessary action.

Copy to the District (R&B) Officer, (Executive Engineer), Mulugu District / Chief Engineer, (R&B) LWE, D&P, RSW & RR, Errummanzil, Hyderabad for information.



**GOVERNMENT OF TELANGANA
FOREST DEPARTMENT**

Rc.No.FC2/FC09/20/2022
997/2021/FCA1,
Dated:31/08/2023

O/o the Prl. Chief Conservator of Forests,
(Head of Forest Force), Telangana,
"Aranya Bhavan", Saifabad, Hyderabad.

Sri R M Dobriyal, I.F.S.,
Prl. Chief Conservator of Forests &
Head of Forest Force

Sub: TSFD - F(C)Act, 1980 - diversion of forest land for (4) road projects in Mulugu
- Districts in favour of R&B Dept - non-forest land for CA identified in
Kothagudem District - CA scheme proposal submitted - verified and accepted
with changes - intimation -Reg.

- Ref :**
1. CCF, Kothagudem Lr.No 147/2019/M3, dt.11.02.2021.
 2. Dist R&B Officer (R&B), Bhadradi Kothagudem District Lr.No TO/DB/CA
land 2023, dt.31.07.2023.
 3. PCCF, TS, Hyderabad Lr.No.FC2/FC09/27/2022 (16704/2019/FCA2),
dt.08.08.2023.
 4. DFO, Kothagudem Lr.No.1740/2023/D1, dt.11.08.2023.
- ***

Immediate attention is invited to the references cited.

The CA scheme proposal as prepared and submitted by the District Forest Officer,
Kothagudem vide ref 4th cited over CA-NFL identified to an extent of **10.7228 Ha in
Sy.No.1 of Rangapuram Village** in lieu of diversion of Forest land of (4) road
projects submitted by the R&B Dept vide ref 4th cited is examined and the same is
accepted with the following modifications:

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3	Staggered trench	13.0992	7.0
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NFL scheme)

After the above changes, the following will be the approved NFL and DFL scheme.

NFL			
		As proposed	Approved
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2	Protection of NFL for CA	0	0
3	SMC works	38.6165	25.7115
4	Habitat improvement works	66.20995	37.46164
	Sub-total	114.69462	69.03888
5	Adm Cost - 10%	11.469462	6.903888
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		As proposed	Approved
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3	Habitat improvement works	0.96316	0.96316
	Sub-total	94.28029	79.68109
4	Adm Cost - 10%	9.428029	0
	Total	103.708319	79.68109

The DFO., Kothagudem is requested to take further necessary action in the matter accordingly.

Encl: As above

Signed by Rakesh Mohan
Dobriyal
Date: 31-08-2023 14:58:53
Reason: Approved
Prl. Chief Conservator of Forests
& HoFF

To

The DFO., Kothagudem.

Copy to the Conservator of Forests, Bhadradi Circle, Hqs-warangal for information and necessary action.

Copy to the District (R&B) Officer, (Executive Engineer), Mulugu District / Chief Engineer, (R&B) LWE, D&P, RSW & RR, Errummanzil, Hyderabad for information.

**GOVERNMENT OF TELANGANA
FOREST DEPARTMENT**

Ref.No.FC2/FC09/27/2022
16704/2019/FCA-2,
Dated: 08/08/2023

O/o the Prl. Chief Conservator of Forests,
"Aranya Bhavan", Saifabad, Hyderabad.

Sri R.M Dobriyal, IFS.,
Prl. Chief Conservator of Forests &
Head of Forest Force

Sub: TSFD - F(C)Act, 1980 - diversion of forest land for (4) road projects in Mulugu Districts in favour of R&B Dept - non-forest land for CA identified in Kothagudem District - instructions issued for submission of CA scheme proposals- **further instructions issued** -Reg.

Ref : 1. CCF, Kothagudem Lr.No 147/2019/M3, dt.11.02.2021.
- 2. Dist R&B Officer (R&B), Bhadradi Kothagudem District Lr.No TO/DB/CA land 2023, dt.31.07.2023.

✕✕✕✕

Immediate attention of the District Forest Officer., Bhadradi Kothagudem District is invited to the subject and references cited.

In the reference 1st cited, the then CCF, Kothagudem has submitted CA scheme proposal over the NFL land identified over an extent of **114.8625 Ha** in the following Sy.Nos and Villages:

SI No	Sy No / Village and Mandal	Area in Ha.
1	Sy No 60 Basurayi (V) Allapalli (M)	25.8634
2	Sy No 28 of Ulvachelaka (V) Allapalli (M)	78.2314
3	Sy No 1 of Rangapuram (V) of Allapalli (M)	10.7249
	Total NFL identified	114.8197

Initially the above said NFL was proposed to be utilized for the following five road projects as CA land, duly identifying balance 13.16 Ha as informed by the Conservator of Forests, Kothagudem vide ref 1st cited.

S no	Name of the project	Area proposed in Ha	Area recommended in Ha
1	Tekulapally to Gundala	24.740	Proposed for withdrawal
2	Mamakannu to Bhatupally	39.153	Not recommended
3	Gundala to Pasara	9.020	10.32 (work in violation carried out)
4	Veerapuram to Gundala	38.550	14.205
5	Peddamidisileru to Bathinapally	16.560.	6.131
		128.023	30.656

However, later on, out of above 5 projects two projects were not recommended / withdrawn, due to which the area required for 3 balance projects was arrived at 30.656 Ha.

Meanwhile, the Dist R&B Officer, Kothagudem vide ref 2nd cited has requested to apportion the NFL identified to an extent of **78.2346 Ha** in Sy.No.28 of Ulvachelka Village for **17 road projects** as mentioned therein, in which the above (3) cases are also included.

While examining the 17 road projects, it is found that already four projects pertaining to Mulugu District for diversion of forest land have been processed as per the FC Rules, 2003 and subsequent amendments and submitted to the IRO, MoEF&CC, Gol before the FC Rules, 2022 came into force i.e., 28.06.2022.

Sno	Name of the project	Area proposed in Ha	Area recommended in Ha
1	Edhira to Kothapally	3.143	3.143
2	Chityal to Bhupatipuram	1.866	1.866
3	Cherukur to Peruru	2.288	2.288
4	Patha Alubaka to Seetharampuram	3.951	2.2293
		11.248	9.5263

The request of the Dist R&B Office, Kothagudem is examined and it is decided to tag Non-forest land to an extent of **10.7228 Ha in Sy.No.1 of Rangapuram Village** for the above four road projects. **Apportioned map of the NFL for the above four road is under preparation in the GIS cell and the same will be communicated within 3 days.**

Remaining (13) projects will be tagged to the **78.2346 Ha** in Sy.No.28 of Ulvachelka Village and a separate proceedings for the same will be issued alongwith apportioned map.

In view of the above, the District Forest Officer., Kothagudem is requested to prepare CA (10 hac) for the above four road in the said Sy No as per the FC Act, 1980 / FC Rules, 2003 and subsequent amendment and submit the same to this office in four sets for taking further necessary action in submission of the same to the IRO, MoEF&CC, Gol, Hyderabad through the State Govt.

This should be treated as Most Urgent and the said CA scheme to be submitted to this office by **10/08/2023 through special messenger.**

Prl. Chief Conservator of Forests

(Head of Forest Force)

To

The District Forest Officer., Kothagudem.

Copy to Conservator of Forests., Bhadradi Circle, Warangal / District Forest Officer, Mahabubabad / Mulugu.

Copy to the Chief Engineer, R&B, LWE, RSW, Rural Errum Manzil, Hyderabad - 500082/ District (R&B) Officer, Mahabubabad / Kothagudem for information and

//t.c.b.o//

Superintendent.

necessary action.

COMPENSATORY AFFORESTATION SCHEME PROPOSALS FOR RAISING CA PLANTATION IN 10.7249 Ha. DEGARDED FOREST LAND IN ALLAPALLY RANGE IN LIEU OF DIVERSION OF 9.5263 Ha. OF FOREST LAND FOR FOUR (4) ROAD PROJECTS i.e., ROAD FROM EDHIRA TO KOTHAPALLY (3.143 Ha.), CHITYAL TO BHUPATIPURAM (1.866 Ha.), CHERUKUR TO PERURU (2.288 Ha.) AND PATHA ALUBAKA TO SEETHARAMPURAM (2.2293 Ha.)

<<< - - - >>>

INTRODUCTION:

The Principal Chief Conservator of Forests, Telangana State, Hyderabad vide Rc.No.FC2/FC09/27/202216704/2019/FCA-2, Dt:08.08.2023 has issued instructions to prepare the Compensatory Afforestation Scheme pertaining to the Non-Forest land situated in notified enclosure namely Rangapuram in Markode Reserved forest block with an extent of 10.7249 ha. proposed for Compensatory Afforestation in lieu of diversion of 9.5263 ha forest land for four (4) road projects i.e., (1) road from Edhira to Kothapally (3.143 ha), (2) Chityal to Bhupatipuram (1.866 ha), (3) Cherukur to Peruru (2.288 ha) and (4) Patha Alubaka to Seetharampuram (2.2293 ha) for road network in LWE areas, instructed the undersigned to prepare Compensatory Afforestation scheme. The details of the Non Forest land proposed for Compensatory Afforestation are as follows:

Mandal	Name of the Revenue Village	Sy. No.	Name of the notified Enclosure within the RF	Total area of the enclosure as per notification (in Ha.)	Area as per DGPS survey	Area already proposed for CA for different projects	Area now proposed for CA (in Ha.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Allapally	Ulvachelka	28	Rangapuram	36.42	29.3463	18.6235	10.7228

The undersigned has inspected the said non-forest lands on dt: 20.10.2020 & 22.10.2020 and noticed that the said lands are located within the notified Rangapuram enclosure in Markode RF with extents as mentioned above and the Markode RF is notified u/s. 15 of AP Forest Act, 1967, vide G.O.Ms. No. 217, Forests and Rural Development (For.III) Dept., Dt: 08.07.1974. It is also noticed that the said land is located in Rangapuram Beat of Padigapuram Section, Regalla Range which is part of the core area of Kinnerasani Wildlife Sanctuary and is covered with tree growth of species Nallamaddi, Tani, Chinduga, Buruga, Tuniki, Pala, Pachara, Karangi, Teak, Revadi, Usiri, Kodisa, Gumpena, Barriduddi, Chilakaduddi, Morli, Aare, Bojja, Battaganam, Ippa, Neem, Rela, Maddi, Chirumanu, Chennangi, Ravi, Pusuga etc., with canopy density varying from 0.2 to 0.4 and as such it is more appropriate to take up cultural operations, fire tracing works, weed removal, SMC measures like

staggered contour trenches, construction of Rock fill dams, check-dam and percolation tanks across nalahs passing through the area etc. to improve the Wildlife habitat in the area and as such a scheme for rejuvenation of vegetation in the **Non forest land (NFL)** and habitat improvement in the area has been prepared with a **financial outlay of Rs.126.16408 lakhs**. To meet the requirement of planting 1000 plants/ ha for forest land proposed for diversion, Compensatory Afforestation is proposed in Degraded Forest Area (DFL) by retrieving forest land over an extent of 10.7249 ha. under Semi Mechanical Method with 3m X 3m espacement. The details are as follows.

Sl. No.	Name of the Range	Name of the Section	Name of the Beat	Name of the RF	Compt. No.	Area proposed for CA
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Allapally	Venkatapuram	Venkatapuram (E)	Allapally	27	10.7249

Continuous peripheral trench around the proposed CA plantation site in DFL areas and other protective measures are proposed to be taken up with twin objectives of Soil & Moisture conservation and preventing biotic interference in the plantation site. Compensatory Afforestation Scheme is prepared with a financial outlay of **Rs.103.70831** Lakhs for development of Degraded Forest area.

LOCATION OF THE AREA PROPOSED FOR COMPENSATORY AFFORESTATION IN DEGRADED FOREST AREA:

The Compensatory Afforestation Scheme is aimed at creating green cover and improvement of crop density and ultimately quality of Forests. In view of this, retrieved forest land over an extent of 10.7249 Ha. in Compt.No.27, Venkatapuram (E) Beat, Venkatapuram Section of Allapally RF of Allapally Range of Kinnerasani Wildlife Management Division, Palvanha has been identified and proposed for Compensatory Afforestation.

LEGAL STATUS OF THE PROPOSED CA-DFL AREA:

The proposed retrieved forest land identified for Compensatory Afforestation in Compt.No.27 of Venkatapuram (E) Beat, Venkatapuram Section, Allapally Range of Kinnerasani Wildlife Management Division, Palvanha is part and parcel of Allapally RF notified under Section 15 of AP Forest Act, 1967, vide G.O.Ms.No.220, Forests and Rural Development (For.III) Dept., Dt:06.07.1974.

SOIL DESCRIPTION AND TERRAIN:

The selected forest land with degraded plain areas with accessibility to road network and are degraded mainly due to encroachment by local people and are found suitable for Compensatory Afforestation.

In the proposed area, the soils are eroded and are ranging from Red Soil, Sandy loam etc.

FLORA AND FAUNA:

There is Wildlife in the area like Spotted Deer, Four Horned Antelope, Bison, Sambar, Nilgai etc., Therefore, measures for restoration of vegetation, creation of sufficient water sources / fodder and legume species to the wild animals and overall protection are proposed. The flora consists mainly of Nallamaddi, Tellamaddi, Kondatangedu, Chirumanu, Bandaru, Billudu, Tuniki, Ippa, Yegisa etc.

PROJECT COST:

The total financial out lay of the project for both Compensatory Afforestation in DFL and rejuvenation of vegetation and habitat improvement in NFL is as follows:

S.No	Scheme Proposals	Cost in Lakhs
	CA-DFL	
1	Compensatory Afforestation in Degraded Forest Area	67.29971
2	Forest Protection including Fire protection & SMC works	26.01742
3	Habitat Improvement	0.96316
4	Administrative Cost	9.42803
	Total:	103.70832
	CA-NFL	
1	Cultural operations	9.86817
2	Protection of Non forest CA land	0
3	SMC Works	38.61650
4	Habitat improvement works	66.20995
5	Administrative Cost	11.46946
	Total:	126.16408
	Grand Total (DFL + NFL):	229.87240

The total financial out lay of the project is **Rs. 229.87240 lakhs**. The annual requirement of funds have been worked out on the base cost of 2023-24 FSR with 10% annual escalation for the remaining project period up to 2037-38.

MODE OF EXECUTION:


It is proposed to implement the above scheme by Departmental execution method. In addition to the existing staff of Forest Department with required logistic support, necessary manpower required for effective implementation of the project will be hired through outsourcing.

EMPLOYMENT GENERATION:

The degraded forest land proposed for Compensator Afforestation is located in Allapally Mandal in Agency Area. The local labour mostly Tribals along with Scheduled Castes will be benefitted by implementation of this project for their daily livelihood generation expected to be created is 20993 man days during the project period from 2023-24 to 2037-38 (60% manual component i.e, 20993 mandays @ Rs.657/- per day as per District Collector wage rate).

Further, it is mentioned that in case the selected locations and the areas are unavailable for taking up planting anticipating the delay of approval of the proposal, suitable degraded areas will be selected and planting will be taken up and accordingly the deviation, if any, in implementing the scheme will be borne by the User Agency in the jurisdiction of Kinnerasani WLM Division, Palvancha. Similarly, it is also mentioned that the User Agency will be remitting the equal amount into CAMPA Account, in case the degraded forest lands were taken up for re-afforestation with any funding agency since Forest Kinnerasani WLM Division, Palvancha has been taking up re-afforestation in the retrieved areas of forest lands, where encroachment problem is severe. To curb the encroachment problem and re-afforestation the gap areas this modification is proposed.


Forest Range Officer,
Allapally.


Forest Divisional Officer,
Kinnerasani WLM Division,
Palvancha.


DISTRICT FOREST OFFICER
Bhadradi Kothagudem Dist,
Kothagudem
 10/8/23
10/8/2023

Compensatory afforestation scheme for 10.7249 Ha. of Non Forest Land in Sy.No.28 (part of Rangapuram enclosure in Markode RF), Ulvachelka Village, Allapally Mandal located in Kinnerasani WLS in lieu of 9.5263 Ha. of forest land proposed for diversion for four (4) Road Projects

Sl. No	Item of Work	Phy	Unit Cost 2023-24 (Rs.)	2024-25			2025-26			2026-27			2027-28			2028-29			2030-31			2031-32			2032-33			2033-34			2034-35			2035-36			2036-37			2037-38			Grand Total			
				Phy	Unit Cost (Rs.)	Fin (Rs.In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.In Lakhs)				
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	41	42	43	44	45		
I	Cultural Operations																																													
1	Singling, Coppicing, Brushwood clearing	ha	4871.00				10.7249	5893.91	0.63212		6483.30	0.00000		7131.63	0.00000		7844.79	0.00000		8629.27	0.00000		9492.20	0.00000		10441.42	0.00000		11485.56	0.00000			0			0			0			11	0.63212			
2	Re-Visit of Cultural Operations	ha	5500.00					6655.00	0.00000		7320.50	0.00000	10.7249	8052.55	0.86363		8857.81	0.00000		9743.59	0.00000		10717.94	0.00000		11789.74	0.00000		12968.71	0.00000		14265.5835	0		15692.14188	0		17261.35607	0		18987.49168		11	0.86363		
3	Creation and maintenance of firelines	rmt	11.21	5000	12.33	0.61655	5000	13.56	0.67821	5000	14.92	0.74603	5000	16.41	0.82063	5000	18.05	0.90269	5000	19.86	0.99296	5000	21.85	1.09226	5000	24.03	1.20148	5000	26.43	1.32163			0.00000			0.00000			0.00000			45000	8.37243			
	Sub Total:					0.61655			1.31033			0.74603			1.68426			0.90269			0.99296			1.09226			1.20148			1.32163			0.00000			0.00000			0.00000			0.00000			9.8617	
II	Protection of non-forest CA land																																													
4a	Construction of big boundary pillars - corners	No's	12000				0	14520	0.00000																																		0	0.00000		
4b	Construction of intermediate boundary pillars @ 20 m interval	No's	1000				0	1210	0.00000																																		0	0.00000		
5	Erection of Chain link fencing at NFL in Sy.No.60, Venkatapuram Village	Km	1993200				0	2411772	0.00000																																		0	0.00000		
5a	Cost of Protection: (b) For unfenced area: One Casual labour is allowed for plantation more than 10.00 ha but less than 20.00 ha and one more Casual labour is permitted for multiples of 20.00 ha - two years	Per person per ha per year	6508.16	10.7249			0	7875	0.00000																																				0.00000	
	Sub Total:					0.00000			0.00000			0.00000			0.00000			0.00000			0.00000			0.00000			0.00000			0.00000			0.00000			0.00000			0.00000			0.00000			0.00000	
III	SMC Works																																													
6	Digging of CFI in km	km	140000					169400	0.0000																																			0.00	0.00000	
7	Bund plantation in km	km	30000					36300	0.0000			39930	0.0000																															0.00	0.00000	
8	Construction of Mini Percolation Tanks	No's	75000				4	90750	3.6300																																			4	3.63000	
9	Construction of Percolation Tanks	No's	500000				2	605000	12.1000																																			2	12.10000	
10	Construction of Checkdams	No's	750000				1	1000000	10.0000																																			1	10.00000	
11	Staggered trenches	Cmt	210				1500	254	3.8115			280	0.0000																															1500	3.81150	
12	Construction of RFDs	No's	10000				75	12100	9.0750																																			75	9.07500	
13	Solar pumps with bore well for PFTs	No's	500000				1	605000	6.0500																																					
	Sub Total:					0.00000			44.66650			0.00000			0.00000			0.00000			0.00000			0.00000			0.00000			0.00000			0.00000			0.00000			0.00000			0.00000			38.61650	
IV	Habitat Improvement works																																													
14	Removal of obnoxious weeds in and around CA-NFL area	ha	11195.70				10.7249	14901	1.5982			16392	0.000																															10.72	1.59817	
15	Maintenance for Removal of Obnoxious weeds	ha	4478.20					5960	0.0000	10.7249	6557	0.703	10.7249	7212	0.773	10.7249	7933.40447	0.85085	10.7	8726.745	0.93593																							42.90	3.26347	
16	Maintenance/Purchase of vehicle for monitoring	2000000					1	2000000	20.000																																				1.00	20.00000
17	Construction of monitoring hut	No's	1200000				1	1597200	15.9720																																					

Forest Range Officer
W.L.M. ALLAPALLY

Forest Divisional Officer
Wildlife Management Division, Kinnerasani

DISTRICT FOREST OFFICER
Bhadrakn Kothagudem Dist,
Kothagudem

10/8/23

Compensatory afforestation scheme for 10.7249 Ha. of degraded forest land in C.No.27, Venkatapuram (E) Beat, Allapally RF / Range in Kinnerasani WLS in lieu of 9.5263 Ha. of forest land proposed for diversion for four (4) Road Projects.

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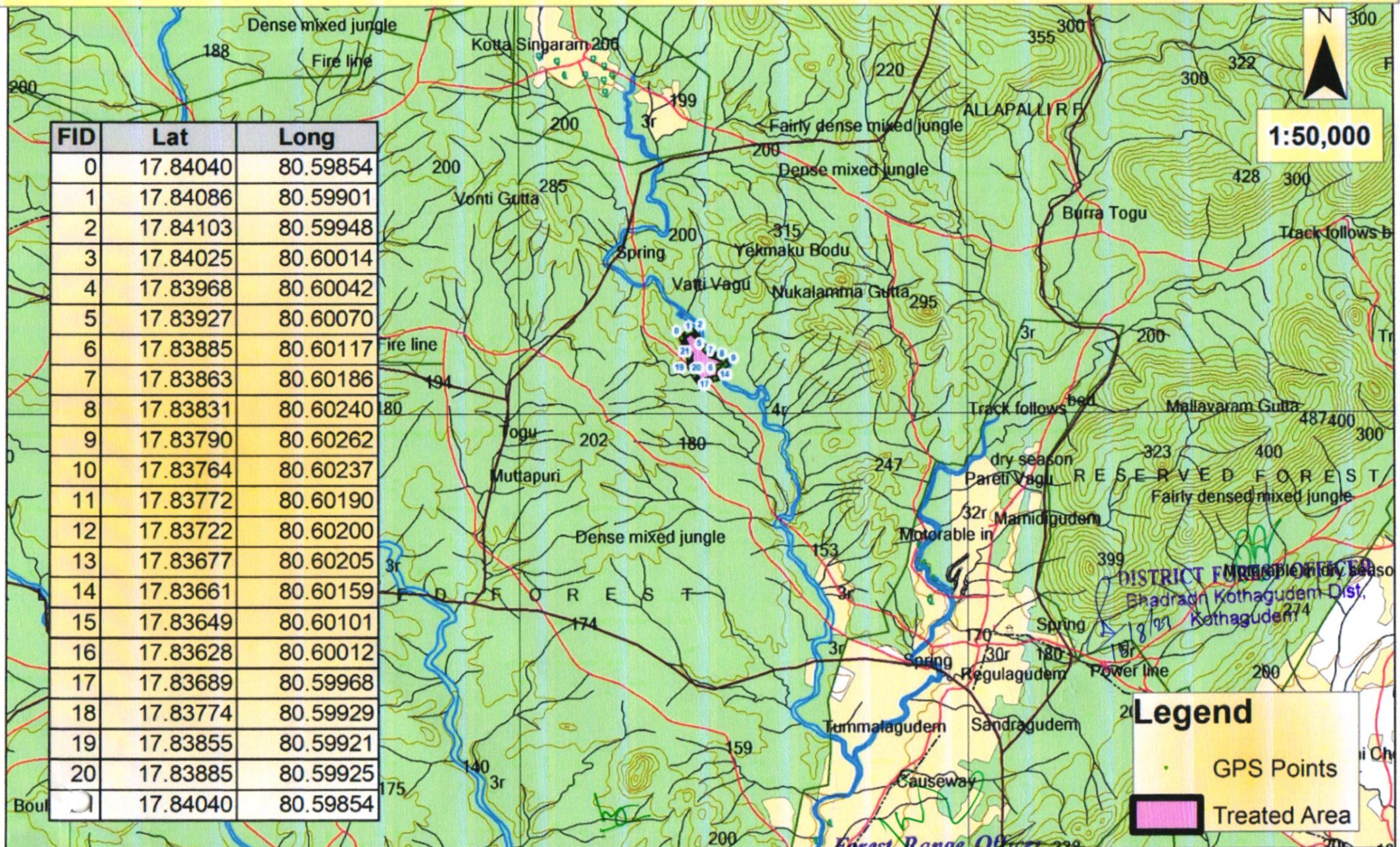
Forest Range Officer
W.L.M. ALLAPALLY

Forest Divisional Officer
Wildlife Management Division, Kinnerasani

DISTRICT FOREST OFFICER
Bhadradi Kothagudem Dist.
Kothagudem

10/8/22

Location Map showing the 10.7249 Ha. DFL area in Compt.No.27 of Allapally R.F., of Venkatapuram (E) Beat of Venkatapuram Section of Allapally Range identified for CA in lieu of 9.5263 Ha Forest Land Proposed for diversion for four (4) road Projects.



Forest Divisional Officer
Wildlife Management Division, Kinnerasani

Forest Range Officer
W.L.M. ALLAPALLY

Surveyed Sketch showing the 10.7249 Ha. DFL area in Compt.No.27 of Allapally R.F.,of Venkatapuram (E) Beat of Venkatapuram Section of Allapally Range identified for CA in lieu of 9.5263 Ha Forest Land Proposed for diversion for four (4) road Projects.



1:10,000

FID	Lat	Long
0	17.84040	80.59854
1	17.84086	80.59901
2	17.84103	80.59948
3	17.84025	80.60014
4	17.83968	80.60042
5	17.83927	80.60070
6	17.83885	80.60117
7	17.83863	80.60186
8	17.83831	80.60240
9	17.83790	80.60262
10	17.83764	80.60237
11	17.83772	80.60190
12	17.83722	80.60200
13	17.83677	80.60205
14	17.83661	80.60159
15	17.83649	80.60101
16	17.83628	80.60012
17	17.83689	80.59968
18	17.83774	80.59929
19	17.83855	80.59921
20	17.83885	80.59925
21	17.84040	80.59854



hb

Forest Divisional Officer
Wildlife Management Division, Kinnerasani

WLM

Forest Range Officer
W.L.M. ALLAPALLY

10/8/23
DISTRICT FOREST OFFICER
Bhadrachalam Kothagudem Dist,
Kothagudem

Legend

• GPS Points

▭ Treated Area

SITE INSPECTION REPORT OF SRI. G. KISTA GOUD, I.F.S., DISTRICT FOREST OFFICER, BHADRADRI KOTHAGUDEM DISTRICT ON 11.08.2023 REGARDING THE CA (NFL) AND (DFL) AREAS PROPOSED FOR COMPENSATORY AFFORESTATION SCHEME FOR RAISING CA PLANTATION IN 10.7249 Ha. DEGARDED FOREST LAND IN ALLAPALLY RANGE OF WILDLIFE MANAGEMENT KINNERASANI DIVISION PALONCHA IN LIEU OF DIVERSION OF 9.5263 Ha. OF FOREST LAND FOR FOUR (4) ROAD PROJECTS i.e., ROAD FROM EDHIRA TO KOTHAPALLY (3.143 Ha.), CHITYAL TO BHUPATIPURAM (1.866 Ha.), CHERUKUR TO PERURU (2.288 Ha.) AND PATHA ALUBAKA TO SEETHARAMPURAM (2.2293 Ha.)

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INTRODUCTION:

The Principal Chief Conservator of Forests, Telangana State, Hyderabad vide Rc.No.FC2/FC09/27/202216704/2019/FCA-2, Dt:08.08.2023 has issued instructions to prepare the Compensatory Afforestation Scheme pertaining to the Non-Forest land situated in notified enclosure namely Rangapuram in Markode Reserved forest block with an extent of 10.7249 ha. proposed for Compensatory Afforestation in lieu of diversion of 9.5263 ha forest land for four (4) road projects i.e., (1) road from Edhira to Kothapally (3.143 ha), (2) Chityal to Bhupatipuram (1.866 ha), (3) Cherukur to Peruru (2.288 ha) and (4) Patha Alubaka to Seetharampuram (2.2293 ha) for road network in LWE areas, instructed the undersigned to prepare Compensatory Afforestation scheme. The details of the Non Forest land proposed for Compensatory Afforestation are as follows:

Mandal	Name of the Revenue Village	Sy. No.	Name of the notified Enclosure within the RF	Total area of the enclosure as per notification (in Ha.)	Area as per DGPS survey	Area already proposed for CA for different projects	Area now proposed for CA (in Ha.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Allapally	Ulvachelka	28	Rangapuram	36.42	29.3463	18.6235	10.7228


The Forest Divisional Officer, WLM Kinnerasani Division, Paloncha has inspected the said non-forest lands on 20.10.2020 & 22.10.2020 and submitted the CA scheme on 09.08.2023 and I have also inspected the said Non Forest land (NFL) and Degraded Forest Area (DFL) proposed for Compensatory Afforestation on 11.08.2023

along with Forest Divisional Officer, WLM Kinnerasani Division, Paloncha and concerned staff and noticed that the said lands are located within the notified Rangapuram enclosure in Markode RF with extents as mentioned above and the Markode RF is notified u/s. 15 of AP Forest Act, 1967, vide G.O.Ms. No. 217, Forests and Rural Development (For.III) Dept., Dt: 08.07.1974. It is also noticed that the said land is located in Rangapuram Beat of Padigapuram Section, Regalla Range which is part of the core area of Kinnerasani Wildlife Sanctuary and is covered with tree growth of species Nallamaddi, Tani, Chinduga, Buruga, Tuniki, Pala, Pachara, Karangi, Teak, Revadi, Usiri, Kodisa, Gumpena, Barriduddi, Chilakaduddi, Morli, Aare, Bojja, Battaganam, Ippa, Neem, Relu, Maddi, Chirumanu, Chennangi, Ravi, Pusuga etc., with canopy density varying from 0.2 to 0.4 and as such it is more appropriate to take up cultural operations, fire tracing works, weed removal, SMC measures like staggered contour trenches, construction of Rock fill dams, check-dam and percolation tanks across nalahs passing through the area etc. to improve the Wildlife habitat in the area and as such a scheme for rejuvenation of vegetation in the Non Forest land (NFL) and habitat improvement in the area has been prepared with a financial outlay of Rs.126.16408 lakhs. To meet the requirement of planting 1000 plants/ ha for forest land proposed for diversion, Compensatory Afforestation is proposed in Degraded Forest Area (DFL) by retrieving forest land over an extent of 10.7249 ha. under Semi Mechanical Method with 3m X 3m espacement. The details are as follows.

Sl. No.	Name of the Range	Name of the Section	Name of the Beat	Name of the RF	Compt. No.	Area proposed for CA CH
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Allapally	Venkatapuram	Venkatapuram (E)	Allapally	27	10.7249

Continuous peripheral trench around the proposed CA plantation site in DFL areas and other protective measures are proposed to be taken up with twin objectives of Soil & Moisture conservation and preventing biotic interference in the plantation site. Compensatory Afforestation Scheme is prepared with a financial outlay of **Rs.103.70831** Lakhs for development of Degraded Forest area.

Dt. 11.08.2023.
Kothagudem.


District Forest Officer,
Bhadravri Kothagudem District

Compensatory afforestation scheme for 10.7249 Ha. of degraded forest land in C.No.27, Venkatapuram (E) Beat, Allapally RF / Range in Kinnerasani WLS in lieu of 9.5263 Ha. of forest land proposed for diversion for four (4) Road Projects.

[illegible]

Forest Range Officer
W.L.M. ALLAPALLY

Forest Divisional Officer
Wildlife Management Division, Kinnerasani

DISTRICT FOREST OFFICER
Bhadrachalam Kothagudem Dist.
Kothagudem

UNIT COST FOR RAISING OF PRIMARY BEDS

R-2023- Code	Item of work	Unit	FSR Rate (Rs.)	Agency allowance 25% (Rs)	Total Rate (Rs.)	Amount (Rs.)
01.00.00	PRIMARY BEDS of 1x1x0.3 m size for Miscellaneous species including bamboo - 50 primary beds for 1 lakh nursery is permitted. Primary beds should start from Jan - May depending on availability of fresh seeds. Once primary beds are formed, they can be used upto 5 years without changing the medium - what is required each time is solarization, burning a layer of grass on it and adding the below recommended fungicides and insecticides to the medium.					
01.01.01	Preparation of New Site by clearing jungle growth, uprootal of stumps and removal of surface stones, pebbles etc.	Bed	6.13	1.53	7.66	7.66
01.01.03	Digging soil of the demarcated beds of 1x1x0.30 m size	Bed	47.25	11.81	59.06	59.06
01.01.04	Cost of sandy soil and transportation with 5 kms lead including loading and unloading charges (sandy soil and FYM in 5:1 ratio, i.e., 0.125 cum sandy soil and 0.025 cum FYM per primary bed	Bed	35.07	8.77	43.84	43.84
01.01.05	For every extra km beyond 5 km upto 25 km	Bed	29.20	7.30	36.50	36.50
01.01.06	Cost and transport of 0.025 cum FYM	Bed	30.14	0.00	30.14	30.14
01.01.07	Mixing of sandy soil and FYM in 5:1 proportion (50 % of volume of bed) with excavated soil and refilling the bed and lavelling.	Bed	13.44	3.36	16.80	16.80
01.01.08	Covering the beds with dried grass and leaf litter and burning them to ash which can form the upper layer	Bed	15.36	3.84	19.20	19.20
01.01.10	Cost of seed - seed weight, germination percentage and target of planting stock of individual species are to be taken into consideration while estimating the requirement of seeds	Bed	500.00	0.00	500.00	500.00
01.01.12	Sowing of seed (finer seeds like Adina, Mitragyna, Anthocephalus etc. to be mixed with sand and broadcasted - Bigger seeds to be dibbled in lines 1-2 cm apart) and covering the bed to a thickness of 2.5 cm	Bed	15.30	3.83	19.13	19.13
01.01.13	Watering the primary nursery beds with rose water cans twice daily for a maximum period of 2 months.	45 Days	17.22	4.31	21.53	32.29
01.01.15	Cost of chemicals, fungicide and insecticide	Bed	5.00	0.00	5.00	5.00
	Electrical Charges		20.00	0.00	20.00	20.00
	Total					789.62
	Rasing of seedlings 110% for abtaining 100%				10%	78.96
	Total					868.58
	cost of each plant (2000 plants per bed) - 2023-24					0.4343

10% escalation every year

Forest Range Officer
W.L.M. ALLAPALLY

Forest Divisional Officer
Wildlife Management Division, Kannerasani

UNIT COST FOR BAG PLANT NURSERY

UNIT COST FOR BAG PLANT NURSERY									
2023-24 Code	Item of work	Unit	Qty.	As per FSR				Amount (Rs.)	
				Rate (Rs)	Per	Agency allowance 25% (Rs)	Total (Rs)		
	BAG PLANT NURSERY: Seedlings need to be raised in 4"x7" (200 gauge) or 5"x9"								
	Raising of Nursery in Polythene bags in sizes of 4"x7" (200 gauge) or 5"x9" (250								
1	01.03.01	Site preparation for New Sites - Clearing of growth, uprootal of stumps and removal of surface stones, rubbish of all sorts etc.	Bed	1	61.44	1	15.36	76.80	76.80
	Cost of Polybags (including the cost of certification by): To ensure quality control, the quality of								
2	01.03.03	10 cm x 17.5 cm (4" x 7") size bags of 200 g: 589 bags / kg	Kg	4.41	178.00	1	0.00	178.00	784.98
	01.03.04	Cost and Transport of ingredients for Potting Mixture: (As per CSSR) Red Soil, tank-silt, FYM in 2:1:1							
	01.03.05	Distance upto 5 km							
3	a	10 cm x 17.5 cm (4" x 7") size bags: 2600 bags / bed	No's	2600	239.70	1000		239.70	623.22
	01.03.06	For every extra km beyond 5 km upto 25 km							
4	a	10 cm x 17.5 cm (4" x 7") = 0.56 cum vol. for 1000 bags	No's	2600	130.80	1000		130.80	340.08
	01.03.08	Preparation of Potting Mixture by powdering of various ingredients, sieving and mixing them in prescribed proportion; opening of bags and filling with potting mixture and gently pressing the same with finger tips and arranging in beds.							
5	a	10 cm x 17.5 cm (4" x 7") size bags: 2600 bags / bed	No's	2600	723.25	1000	180.81	904.06	2350.56
6	01.03.09	Allignment of beds including allignment of inspection paths etc	Bed	1	9.41	1	2.35	11.76	11.76
7	01.03.10	Pricking out seedlings from primary beds and transplanting into polybags	No's	2600	174.28	1000	43.57	217.85	566.41
8	01.03.11	Sowing / dibbling of pretreated seeds (e.g. Yegisa, Nalamadi, Yerumaddi etc.) directly into bags including cost of treatment	No's	2600	103.68	1000	25.92	129.60	336.96
9	01.03.12	Watering the plants (2 Months) twice a day from Feb-March - a) Manually with rose cans or finely perforated nozzle attached to a hose pipe	Bed	4	338.28	1	84.57	422.85	1691.40
10	01.03.13	Weeding to be done for every 2 months from the date of transplantaation up to March	Bed	4	68.33	1	17.08	85.41	341.65
11	01.03.14	1st shifting and grading after three months and consecutive shifting and grading after every two months till the nursery stock is lifted	Bed	1	290.16	1	72.54	362.70	362.70

13	3.15	Replacement of casualties after sorting out the empty bags and keeping at one end of the bed (maximum 10% of total stock is permissible)	Bed	1	82.37	1	20.59	102.96	102.96
13	01.03.16	Cost of foliar nutrient formulations like multiplex or NPK-19:19:19; fungicides and insecticides from July to Oct.	Bed	1	52.00	1	0.00	52.00	52.00
14	01.03.18	Weeding in the space between the beds, inspection path and surroundings of Nursery	Bed	2	42.36	1	10.59	52.95	105.90
15	01.05.04	Cost of Protection: One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondary beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secondary beds of Teak beds or combination of both another additional Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the provisions cited under general instructions.	Bed	4	10846.93	100	0.00	10846.93	433.88
16		Electricity charges					0.00	300.00	300.00
		Total							8481.26
17		Add casualty 10%							751.09
		2023-24 Grand Total							9232.35
		cost of each plant (2600 plants per bed)							5.4308

10% escalation every year

Forest Range Officer
W.L.M. ALLAPALLY

Forest Divisional Officer,
Kinnerasani WLM Division,
Paloncha.

UNIT COST FOR MAINTENANCE OF BAG PLANTS (4"x7")

Sl. No.	2023-24 Code	Item of work	Unit	Quantity	As per FSR				Amount (Rs.)
					Rate (Rs)	Per	Agency allowance 25% (Rs)	Total (Rs)	
		Maintenance of 4"x7" or 5"x9" bag-plants from April – August - Watering the plants twice a day from April – August							
1	01.04.01	(a) Manually with rose cans or finely perforated nozzle attached to a hose pipe	Bed	5	338.27	1	84.5675	422.8375	2114.19
2	01.04.02	Weeding the beds during May & July	Bed	2	68.33	1	17.0825	85.4125	170.83
3	01.04.03	Shifting, grading and rearrangement in beds	Bed	1	290.16	1	72.54	362.7	362.70
4		Electricity charges							300.00
5	01.05.04	Cost of Protection: One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondary beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secondary beds of Teak beds or combination of both another additional Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the provisions	Bed	4	10846.93	100	0.00	10846.93	433.88
		2023-24 Total							3381.59
		cost of each plant (2600 plants per bed)							1.3006

10% escalation every year

Forest Range Officer
WLM, ALLAPALLY

Forest Divisional Officer,
Kinnerasani WLM Division,
Paloncha.

UNIT COST FOR CONVERSION FROM 4"x7" to 9"x11"

R-2023-
24 Code

Item of work	Unit	Qty.	As per FSR				Amount (Rs.)	
			Rate (Rs)	Per	Agency allowance 25% (Rs)	Total (Rs)		
CONVERSION of Root Trainer plants or 4"x7" or 5"x9" bag-plants into higher size bags - to be done during September - October. At the time of conversion, the height of the plants should be at least above 0.45m in height (excluding the height of polybag).								
Cost and Transport of ingredients for Potting Mixture: Red Soil, tank-silt / clayey soil, FYM in 2:1:1 ratio. To this soil mixture, 220 gm of Indophyll M-45, 4.5 kg of single super phosphate (SSP) and 250 gm of phorate granules per 1 cum of potting mixture will be added. Cost of chemicals is as per actuals.								
1	Transportation of soil mixture ingredients							
	Distance up to 5 km							
	(e) 4" x 7" to 9" x 11" bags (4.717 - 0.56 = 4.157 cum)	No	500	1779.74	1000	0.00	1779.74	889.87
22	Transportation of soil mixture ingredients more than 5 km distance and upto 25 km distance							
	(e) 4" x 7" to 9" x 11" bags (4.717 - 0.56 = 4.157 cum)	No	500	968.80	1000	0.00	968.80	484.40
3.24	Preparation of Potting Mixture by powdering of various ingredients, sieving and mixing them in prescribed proportion; opening of bags and filling with potting mixture partially, tearing the polybag plants and repotting them inside bigger bags and filling the rest of bags; gently pressing the same with finger tips and arranging in beds of 10x1 m size (6"x12" size: 1100 bag plants / bed and 8"x12" size": 800 bag plants per bed)							
e	(e) 4" x 7" to 9" x 11" bags (4.717 - 0.56 = 4.157 cum)	No	500	3233.43	1000	808.36	4041.79	2020.89
								40.00
1.03.23	Cost of Chemical component							
1.03.30	Stakes to be provided to plants in 8"x12", 9"x11", 10"x16" and 12"x13" bags with a minimum 1.50 mtr height	No	500	5788.13	1000	0.00	5788.13	2894.07
1.03.31	Weeding the plants (1100 no. of 6"x12"bags; 800 no. of 8"x12" bags; and 400 no. of 10"x16" bags) from November - March: 2 weedings							
	Weeding the plants (2 weedings)	Bed	2	68.33	1	17.08	85.41	170.83
01.03.32	Shifting, Grading and rearranging in secondary beds - One Grading in February	Bed	2	290.16	1	72.54	362.70	725.40

03.33	Watering the plants manually twice a day (from Novemebr - March) with rose spray or finely perforated nozzle attached to a hose pipe.							
a	Manually with rose spray or finely perforated nozzle attached to a hose pipe	Bed	5	338.34	1	84.59	422.93	2114.63
01.03.34	Cost of foliar nutrient formulations like multiplex or NPK-19:19:19; fungicides and insecticides from July to Oct.							30.00
7	01.05.04 Cost of Protection: One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondray beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secodary beds of Teak bedsor combination of both another additional Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the provisions cited under general instructions.	Bed	4	10846.93	100	0.00	10846.93	433.88
8	Cost of the ploythene bags							2340.00
9	01.03.39 Electricity charges							500.00
	Total							12643.96
10	01.03.38 Contingencies @ 5%							632.198
	2023-24 Total for 500 plants							13276.15
	cost of each plant							12.0692

10% escalation every year

Forest Range Officer
W.L.M. ALLAPALLY

Forest Divisional Officer,
Kinnerasani WLM Division,
Paloncha.

UNIT COST FOR MAINTENANCE OF BAG PLANTS (April to August)

Sl. No.	FSR-2023-24 Code	Item of work	Unit	Quantity	As per FSR				Amount (Rs.)
					Rate (Rs.)	Per	Agency allowance 25% (Rs)	Total (Rs.)	
	01.04.00	MAINTAINANCE OF BAG PLANTS NURSERY UPTO PLANTING SEASON (APRIL TO AUGUST) for 10 m X 1 m size secondary beds (2600 Nos of 4" X 7" bags; 1700 Nos of 5" X9" bags ; 1100 Nos. of 6"X12" bags; 800 Nos. of 8"X12" bags; 400 Nos. of 10"x16" bags per bed)							
	01.04.01	Watering polybag secondary beds twice a day for 4 months							
1	a	Manually with rose spray or finely perforated nozzle attached to a hose pipe	Bed/month	4	338.27	1	84.57	422.84	1691.35
2	01.04.02	Weeding once during maintenance year	Bed/weeding	1	68.33	1	17.08	85.41	85.41
3	01.04.03	Shifting, grading and rearrangement in beds	Bed/shifting	2	290.16	1	72.54	362.70	725.40
4	01.04.05	Cost of foliar nutrient formulations like multiplex or NPK-19:19:19; fungicides and insecticides from April to August	As per actuals	1	52.00	1	0.00	52.00	52.00
	01.04.06	Cowdung Slurry application (One can apply chemical foliar spray or apply cowdung slurry - not both)							
5	a	Cost and transportation of fresh cowdung	As per actuals	1	25.00	1	0.00	25.00	25.00
6	01.04.07	Weeding in the space between the beds, inspection path and surroundings of Nursery	Bed	1	34.19	1	8.55	42.74	42.74
7	01.05.04	Cost of Protection: One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondary beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secondary beds of Teak beds or combination of both another additional Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the provisions cited under general instructions.	Watcher/ month	4	10846.93	100	0.00	10846.93	433.88
8	01.04.09	Electricity charges			500.00		0.00	500.00	500.00
		Total							3555.78
9	01.04.08	Contingencies @ 5%							177.79
		2023-24 Total							3733.57
		cost of each plant (500 Plants per bed)							3.3942

10% escalation every year

Forest Range Officer
W.L.M. ALLAPALLY

h
Forest Divisional Officer,
Kinnerasani WLM Division,
Paloncha.

UNIT COST FOR MAINTENANCE OF BAG PLANTS (September to till disposal)

Sl. No.	FSR-2023-24 Code	Item of work	Unit	Quantity	As per FSR				Amount (Rs.)
					Rate (Rs.)	Per	Agency allowance 25% (Rs)	Total (Rs.)	
		MAINTENANCE OF BAG NURSERY FROM SEPTEMBER TO TILL DISPOSAL							
1	01.05.01	Watering plants for 10 m X 1 m size secondary bed	Bed/month	4	208.96	1	52.24	261.20	1044.80
2	01.05.02	Shifting, grading and rearrangement in beds	Bed/weeding	1	290.16	1	72.54	362.70	362.70
3	01.05.04	Cost of Protection: One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondary beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secondary beds of Teak beds or combination of both another additional Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the provisions cited under general instructions.	Watcher/month	5	10846.93	100	0.00	10846.93	542.35
		Total							1949.85
		cost of each plant (1100 Plants per bed)							1.7726

10% escalation every year

Forest Range Officer
W.L.M. ALLAPALLY

Forest Divisional Officer,
Kinnerasani WLM Division,
Paloncha.

Unit Cost for Advance Operations for Raising of N.T.S.H. Plantations 3m X 3m (SMM) during 2023-24

FSR Code	Item of work	Unit	Quant ity	Unit Rate per Ha				Amount (Rs.)
				As per FSR				
				Rate (Rs.)	Agency allowance 25% (Rs)	Total (Rs.)	Per	
02.08.01	Survey with hand-held GPS (staff to carry out) and demarcation - one manday is allowed for assistance. The surveyed sketch with exact effective area statement will be uploaded in MIS platform by end of December.	Plantation	1	441.77	0.00	441.77	1	442
02.08.02	Clearing unsalable unwanted jungle growth (leaving all the tree species of good form particularly the hardwood tree species like Teak, Nallamaddi, Yegisa, Narepa, Somi, Jitregi, Billudu, Chenangi etc. and NTFP species like Ippa, Morri, Tani, Karaka, Vepa, Maredu, Tapasi, Tuniki, Chinta, Usuri, Nallajeedi etc.); Spreading the cut material all over the site; and Burning the same twice till completely burnt. The unsuitable area shall be excused from the clearing operation and the expenditure shall be incurred for effective area only. All the above operations shall be completed before December.							
a	Sparse Jungle growth (< 10% ground area covered with Jungle growth)	Ha	0.2	2455.33	613.83	3069.16	1	614
b	Very Light Jungle growth (>10% and up to 20% ground area covered with Jungle growth)	Ha	0.2	3690.64	922.66	4613.30	1	923
c	Light Jungle Growth (> 20% and upto 30% ground area covered with Jungle growth) with prior written approval of DFO based on the field inspection of DFO.	Ha	0.6	8670.61	2167.65	10838.26	1	6503
02.08.03	Uprootal of Stumps (excluding unsuitable patches) to a minimum depth of 45 cm with heavy machinery fitted with 0.90 cum and above capacity bucket, filling the pits caused by uprootal, and levelling. For retrieved encroached area, the approval of Circle Head is required and the approval should indicate clearly the density of stumps or vegetation to be removed through uprootal. The uprootal work can be carried out preferably through tender process.				0.00	0.00		
a	Sparse Jungle growth (< 10% ground area covered with Jungle growth)	Ha	0.4	6586.65	0.00	6586.65	1	2635
b	Very Light Jungle growth (>10% and up to 20% ground area covered with Jungle growth)	Ha	0.3	12748.32	0.00	12748.32	1	3824
c	Light Jungle Growth (> 20% and upto 30% ground area covered with Jungle growth) with prior written approval of DFO based on the field inspection of DFO.	Ha	0.3	16573.42	0.00	16573.42	1	4972
02.08.04	Collection and Removal of uprooted stumps of all sizes, other debris etc. to outside plantation site							
a	Sparse Jungle growth (< 10% ground area covered with Jungle growth)	Ha	0.4	6709.72	1677.43	8387.15	1	3355
b	Very Light Jungle growth (>10% and up to 20% ground area covered with Jungle growth)	Ha	0.4	10647.59	2661.90	13309.49	1	5324
c	Light Jungle Growth (> 20% and upto 30% ground area covered with Jungle growth) with prior written approval of DFO based on the field inspection of DFO.	Ha	0.2	12415.12	3103.78	15518.90	1	3104

	Tilling (Permissible for CA area only) the soil to a depth of 0.45 cm in the affected area (excluding unsuitable patches) with heavy duty machinery fitted with 0.9 cum and above capacity bucket and levelling - Permissible for CA area only (and written approval of Circle head is needed and required budgetary provision has to find place in annual approved plan) and VIP planting area (minimum area should be more than 1 ha). The uprootal and tilling works shall be done preferably through a tender process and the execution of work completed before end of March							
a	Sparce jungle growth (<10% ground area covered with jungle growth)	ha	1	20809.08	5202.27	26011.35	1	26011
	Digging of Cattle Proof Trench around the plantation	Cmt	300	42.00	0.00	42.00	1	12600
	Unit Rate for 2023 -24							70307

10% escalation every year

Forest Range Officer
W.L.M. ALLAPALLY

Forest Divisional Officer,
Kinnerasani WLM Division,
Paloncha.

Unit Cost for Raising of N.T.S.H. Plantations 3m X 3m. (SMM) during 2023-24

FSR Code	Item of work	Unit	Quantity	As per FSR				Amount (Rs.)
				Rate (Rs.)	Agency allowance 25% (Rs)	Total (Rs.)	Per	
02.09.02	Deep Ploughing the effective (excluding unsuitable patches) plantation area across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough. FOR TILLED AREA ONLY							
a	Ordinary Soil	Ha	1	4325.04	0.00	4325.04	1	4325
02.09.01	Removing congestion of root suckers and other uprooted material hindering the effective ploughing	Ha	1	1257.61	314.40	1572.01	1	1572
02.09.04	© Alignment and staking including demarcation of base line for Misc species with espacement 3mX3m (1111 Nos)	No's	1111	105.41	26.35	131.76	100	1464
02.09.05	ii) Cost of preparation of stakes (2.0 m length) and transportation to site (subject to condition that the seedling height is 1.5m to 2.0m height)	No's	1111	1415.61	353.90	1769.51	100	19659
02.09.06	Digging of Pits in Ploughed Areas in June - July by adopting 50% of original rate of digging of pits of ordinary soil							
b	45 cm cube size pits	No's	1111	10.65	2.66	13.31	1	14790
	PLANTING OPERATIONS DURING RAISING YEAR							
01.03.05	Cost and transportation of soil mixtue for filling half of the pit and spreading around the pit	cum	0.000	310.86	0	310.86	1	0
	Transportation of Bag plants / Root trainer plants from nursery site to plantation site including loading and unloading				0	0.00		
02.09.07	b) upto 5 Km lead (23X28 cm (9"X11")bag plants)	No's	1111	309.57	0	309.57	100	3439
02.09.08	b) 5 Km to 25 Km lead (23X28 cm (9"X11")bag plants)	No's	1111	217.60	0	217.60	100	2418
02.09.10	Internal transport of bag plants/root trainers to planting points on head loads.				0	0.00		
b	23X28 cm (9"X11")bag plants	No's	1111	194.46	48.62	243.08	100	2701
02.09.11	Fortification of seedling with insecticide and treating pits with SSP							
	(a) Application of 50 gm of SSP per pit (1 day before planting) for root growth and early establishment of plant after planting. ii) Similarly, the bag plants to be planted will be dipped inside Chloropyriphos solution (5ml Chloropyriphos in 1 lit water) either at nursery site before transport or at plantation site before planting	No's	1111	46.32	11.58	57.90	100	643
	(b) Cost of SSP, Chloridine dust or Chloropyriphos	No's	1111	1.00	0.00	1.00	1	1111
	Planting Bag Plants	No's	1111	516.09	129.02	645.11	100	7167
02.09.13	Planting in 45 cm size cubic pit Pit	No's	1111	312.46	78.12	390.58	100	8679
02.09.14	Watering (one time) immediately after planting if the planting takes place on a non-rainy days and during dry spell a) One critical watering after planting if planting takes place on non-rainy days with the prior written permission of DFO / FDO.	No's	1111					
02.09.15	Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement for further maintenance). The casualty replacement should be done in 3 stages at an interval of 15 days immediately after planting during raising year.							
02.09.06	Digging of Pits in Ploughed Areas in June - July by adopting 50% of original rate of digging of pits of ordinary soil - a) 45 cm size cubic pits	No's	222	5.33	1.33	6.66	1	1478
02.09.07, 02.09.08	Transportation of Bag plants / Root trainer plants from nursery site to plantation site including loading and unloading - b) upto 25 Km lead (23X28 cm (9"X11")bag plants)	No's	222	527.17	0.00	527.17	100	1170

Code	Item of work	Unit	Quantity	As per FSR				Amount (Rs.)
				Rate (Rs.)	Agency allowance 25% (Rs)	Total (Rs.)	Per	
02.09.10	Internal transport of bag plants/root trainers to planting points on head loads - b) 23X28 cm (9"X11") bag plants	No's	222	194.46	48.62	243.08	100	540
02.09.13	Planting in 45 cm size cubic pit Pit	No's	222	516.09	129.02	645.11	100	1432
02.09.16	Cost of DAP @25gm / planting point	No's	1111	1.00	0.00	1.00	1	1111
02.09.17	Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers and closing. Ensure that the soil is really wet at the time of DAP application.	No's	1111	46.32	11.58	57.90	100	643
	WEEDING & SOIL WORKING							
02.09.18	a) Circular weeding to a radius of 0.50 m around the plant (during July - Aug)	No's	1111	191.53	47.88	239.41	100	2660
02.09.19	b) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.)	No's	1111	890.24	222.56	1112.80	100	12363
02.09.20	Inter-ploughing (during November) the effective (excluding unsuitable patches) plantation area across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough - a) in Ordinary Soils	Ha	1	3391.73	0.00	3391.73	1	3392
02.09.22	Uprootal of Mahaveera (Hyptis suaveolens) weed with prior written approval of Circle Head and taking photograph before and after uprootal. The weed removal shall be completed before September-end at any cost before inter-ploughing.	Ha	1	4306.88	1076.72	5383.60	1	5384
02.09.25	Cost of Protection: (b) For unfenced area: One Casual labour is allowed for plantation more than 10.00 ha but less than 20.00 ha and one more Casual labour is permitted for multiples of 20.00 ha Rs.8757 per month - nine months	per person per month	1	10846.93	0.00	10846.93	Ha	4881
	Raising of Bund Plantation for CPT around the plantation	Km	1	30000.00	0.00	30000.00	Km	30000
								133022
	Unit Rate for 2023 -24							

10% escalation every year

Forest Range Officer
W.L.M. ALLAPALLY

Forest Divisional Officer,
Kinnerasani WLM Division,
Paloncha.

Unit Cost for 1st Year Maintenance of NTSH Plantation (3m X 3 m) SMM per Ha during 2023-24

FSR Code	Item of work	Unit	Unit Rate per Ha				Amount (Rs.)	
			Quantit y	As per FSR				
				Rate (Rs.)	Agency allowance 25% (Rs)	Total (Rs.) Per		
02.10.01	Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement for further maintenance). The casualty replacement should be done in 3 stages at an interval of 15 days immediately after planting during raising year.			50% of rate of original pitting rate during raising year and 100% during maintenance years. Planting, Transportation and internal transportation as prescribed above.				
02.09.06	Digging of Pits in Ploughed Areas in June - July by adopting 50% of original rate of digging of pits of ordinary soil - a) 45 cm size cubic pits	No's	278	10.65	2.66	13.31	1	3698
02.09.07	Transportation of Bag plants / Root trainer plants from nursery site to plantation site including loading and unloading - b) upto 5 Km lead (15X30 cm (6"X12")bag plants)	No's	278	309.57	77.39	386.96	100	1075
02.09.08	Transportation of Bag plants / Root trainer plants from nursery site to plantation site including loading and unloading - b) beyond 5 km and upto 25 Km lead (15X30 cm (6"X12")bag plants)	No's	278	217.60	0.00	217.60	100	604
02.09.10	Internal transport of bag plants/root trainers to planting points on head loads - b) 15X30 cm (6"X12")bag plants	No's	278	194.46	48.62	243.08	100	675
02.09.12	Planting in 45 cm size cubic pit Pit	No's	278	516.09	129.02	645.11	100	1792
02.09.14	Watering (one time) immediately after planting if the planting takes place on a non-rainy days and during dry spell a) One critical watering after planting if planting takes place on non-rainy days with the prior written permission of DFO / FDO.	No's	1111	312.46	78.12	390.58	100	4339
02.09.16	Cost of DAP @25gm / planting point-50% of raising cost	No's	1111	0.50		0.50	1	556
02.09.11	Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers and closing. Ensure that the soil is really wet at the time of DAP application.	No's	1111	46.32	11.58	57.90	100	643
02.10.04	WEEDING & SOIL WORKING Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant during Nov - Dec	No's	1111	890.24	222.56	1112.80	100	12363
02.10.03	Weeding and saucer formation to a radius of 0.50 mtr around the plant in the entire plantation during July / August	No's	1111	191.53	47.88	239.41	100	2660
02.10.05	Uprootal of Mahaveera (Hyptis suaveolens) weed with prior written approval of Circle Head and taking photograph before and after uprootal. The weed removal shall be completed before September-end at any cost before inter-ploughing.	ha	0.7	4306.88	1076.72	5383.60	1	3769

02.10.07	Inter-ploughing (during September) the effective plantation area (excluding unsuitable patches) across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough.	ha	1	3391.73	847.93	4239.66	1	4240
02.10.09	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	No's	1111	146.59	36.65	183.24	100	2036
	Cost of Protection: (b) For unfenced area: One Casual labour is allowed for plantation more than 10.00 ha but less than 20.00 ha and one more Casual labour is permitted for multiples of 20.00 ha Rs.8757 per month - 12 months	per pers on per mon th	1	10846.93	0.00	10846.93	Ha	6508
	Unit Rate for 2023 - 24							44958
	10% escalation every year							

Forest Range Officer
GULLAPALLY

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Forest Divisional Officer,
Kinnerasani WLM Division,
Paloncha.

Unit Cost for 2nd Year Maintenance of NTSH Plantation (3 m X 3 m) SMM per Ha

Unit Rate per Ha

Item of work	Unit	Quantity	As per FSR				Amount (Rs.)
			Rate (Rs.)	Agency allowance 25% (Rs)	Total (Rs.)	Per	
02.10.01 Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement for further maintenance). The causality replacement should be done in 3 stages at an interval of 15 days immediately after planting during raising year. - 5% proposed			50% of rate of original pitting rate during raising year and 100% during maintenance years. Planting, Transportation and internal transportation as prescribed above.				
02.09.06 Digging of Pits in Ploughed Areas in June - July by adopting 50% of original rate of digging of pits of ordinary soil - a) 45 cm size cubic pits	No's	56	10.65	2.66	13.31	1	740
02.09.07 Transportation of Bag plants / Root trainer plants from nursery site to plantation site including loading and unloading - b) upto 5 Km lead (15X30 cm (6"X12")bag plants)	No's	56	309.57	77.39	386.96	100	215
02.09.08 Transportation of Bag plants / Root trainer plants from nursery site to plantation site including loading and unloading - b) beyond 5 km and upto 25 Km lead (15X30 cm (6"X12")bag plants)	No's	56	217.60	0.00	217.60	100	121
02.09.10 Internal transport of bag plants/root trainers to planting points on head loads - b) 15X30 cm (6"X12")bag plants	No's	56	194.46	48.62	243.08	100	135
02.09.13 Planting in 45 cm size cubic pit Pit	No's	56	516.09	129.02	645.11	100	358
02.11.02 Inter-ploughing (during September) the effective plantation area (excluding unsuitable patches) across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough.	ha	1	2536.18	634.05	3170.23	1	3170
02.11.03 Weeding and saucer formation to a radius of 0.50 mtr around the plant in the entire plantation during July / August	No's	1111	191.53	47.88	239.41	100	2660
02.11.04 Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)	No's	1111	890.24	222.56	1112.80	100	12363
02.11.05 Pruning of lower branch initials of Timber and NTFP species by sciculture upto 1/3 rd height (to be carried out during July-Aug)	No's	1111	146.59	36.65	183.24	100	2036
02.01.03 Formation of Sector Lines / Fire Lines to a width of 3 m by giving surface treatment (sector to be in conformity with slope direction). All stumps to be cut to ground level.	Rmt	100	6.14	1.54	7.68	1	768
02.10.05 Uprootal of Mahaveera (Hyptis suaveolens) weed with prior written approval of Circle Head and taking photograph before and after uprootal. The weed removal shall be completed before September-end at any cost before inter-ploughing.	ha	0.6	4306.88	1076.72	5383.60	1	3230

Cost of Protection: (b) For unfenced area: One Casual labour is allowed for plantation more than 10.00 ha but less than 20.00 ha and one more Casual labour is permitted for multiples of 20.00 ha Rs.8757 per month - 12 months	per pers on per mon th	1	10846.93	0.00	10846.93	Ha	6508
Unit Rate for 2023 - 24 10% escalation every year							32304


 Forest Range Officer
 W.L.M. ALLAPALLY


 Forest Divisional Officer,
 Kinnerasani WLM Division,
 Paloncha.

Unit Cost for 3rd Year Maintenance of NTSH Plantation (3m X 2m) SMM per Ha

Code	Item of work	Unit	Quantity	Unit Rate per Ha				Amount (Rs.)
				As per FSR				
				Rate (Rs.)	Agency allowen ce 25% (Rs)	Total (Rs.)	Per	
02.11.04	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)	No's	1111	890.24	222.56	1112.80	100	12363
02.11.05	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	No's	1111	146.59	36.6475	183.24	100	2036
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	Rmt	100	717.56	179.39	896.95	100	897
02.11.06	Cost of Protection: (b) For unfenced area: One Casual labour is allowed for plantation more than 10.00 ha but less than 20.00 ha and one more Casual labour is permitted for multiples of 20.00 ha Rs.8757 per month - six months	per pers on per mon th	1	10846.93	0.00	10846.93	1	3254
Unit Rate for 2023 - 24								18550
10% escalation every year								

10% escalation every year

Forest Range Officer
W.L.M. ALLAPALLY

Forest Divisional Officer,
Kinnerasani WLM Division,
Paloncha.

Unit Cost for 4th Year Maintenance of NTSH Plantation (3m X 3m) SMM per Ha

Unit Rate per Ha							
Item of work	Unit	Quantity	As per FSR				Amount (Rs.)
			Rate (Rs.)	Agency allowance 25% (Rs)	Total (Rs.)	Per	
01.04 Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)	No's	1111	890.24	222.56	1112.80	100	12363
02.11.05 Pruning of lower branch initials of Timber and NTFF species by scicature upto 1/3 rd height (to be done during July - Aug)	No's	1111	146.59	36.6475	183.24	100	2036
03.05.01 Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	Rmt	100	717.56	179.39	896.95	100	897
Unit Rate for 2023 - 24							15296

10% escalation every year

Forest Range Officer
W.L.M. ALLAPALLY

h6
Forest Divisional Officer,
Kinnerasani WLM Division,
Paloncha.

Unit Cost for 5th Year Maintenance of NTSH Plantation (3m X 3m) SMM per Ha

Item of work	Unit	Quantit y	Unit Rate per Ha				Amount (Rs.)
			As per FSR				
			Rate (Rs.)	Agency allowence 25% (Rs)	Total (Rs.)	Per	
02.11.04 Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)- the work will be carried out between 1 m to 1.1 m in a ring formation- Hence 25% of cost adopted	No's	1111	890.24	222.56	1112.80	100	12363
03.05.01 Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	Rmt	100	717.56	179.39	896.95	100	897
Unit Rate for 2023 - 24							13260
10% escalation every year							

Forest Range Officer
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Kinnerasani WLM Division,
Paloncha.

Unit Cost for 6th Year Maintenance of NTSH Plantation (3m X 3m) SMM per Ha

Unit Rate per Ha

Item of work	Unit	Quantity	As per FSR				Amount (Rs.)
			Rate (Rs.)	Agency allowen ce 25% (Rs)	Total (Rs.)	Per	
02.11.05 Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	No's	1111	146.59	36.6475	183.24	100	2036
03.05.01 Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	Rmt	100	717.56	179.39	896.95	100	897
Unit Rate for 2023 - 24							2933

10% escalation every year

Forest Range Officer
W.L.M. ALLAPALLY

Forest Divisional Officer,
Kinnerasani WLM Division,
Paloncha.

Unit Cost for 7th Year Maintenance of NTSH Plantation (3m X 3m) SMM per Ha

Unit Rate per Ha

Item of work	Unit	Quantity	As per FSR				Amount (Rs.)
			Rate (Rs.)	Agency allowance 25% (Rs)	Total (Rs.)	Per	
01.04 Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)- the work will be carried out between 1 m to 1.1 m in a ring formation- Hence 25% of cost adopted	No's	1111	890.24	222.56	1112.80	100	12363
03.05.01 Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - proportionate cost - 0.60 times	Rmt	100	717.56	179.39	896.95	100	897
Unit Rate for 2023 - 24							13260

10% escalation every year

Forest Range Officer
W.L.M. ALLAPALLY

Forest Divisional Officer,
Kinnerasani WLM Division,
Paloncha.

Unit Cost for 8th Year Maintenance of NTSH Plantation (3m X 3m) SMM per Ha

Unit Rate per Ha

Item of work	Unit	Quantity	As per FSR				Amount (Rs.)
			Rate (Rs.)	Agency allowance 25% (Rs)	Total (Rs.)	Per	
05.05.01 Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	No's	1111	146.59	36.6475	183.24	100	2036
Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	Rmt	100	717.56	179.39	896.95	100	897
Unit Rate for 2023 - 24							2933

10% escalation every year

Forest Range Officer
W.L.M. ALLAPALLY

Forest Divisional Officer,
Kinnerasani WLM Division,
Paloncha.

Unit Cost for 9th Year Maintenance of NTSII Plantation (3m X 3m) SMM per Ha

Unit Rate per Ha

SR Code	Item of work	Unit	Quantity	As per FSR				Amount (Rs.)
				Rate (Rs.)	Agency allowance 25% (Rs)	Total (Rs.)	Per	
02.11.04	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)- the work will be carried out between 1 m to 1.1 m in a ring formation- Hence 25% of cost adopted	No's	1111	890.24	222.56	1112.80	100	12363
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	Rmt	100	717.56	179.39	896.95	100	897
Unit Rate for 2023 - 24								13260

10% escalation every year

Forest Range Officer
W.L.M. ALLAPALLY

Forest Divisional Officer,
Kinnerasani WLM Division,
Paloncha.

Unit Cost for 10th Year Maintenance of NTSH Plantation (3m X 3m) SMM per Ha

Unit Rate per Ha								
SR Code	Item of work	Unit	Quantity	As per FSR				Amount (Rs.)
				Rate (Rs.)	Agency allowance 25% (Rs)	Total (Rs.)	Per	
02.11.05	Pruning of flower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	No's	1111	146.59	36.648	183.24	100	2036
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	Rmt	100	717.56	179.390	896.95	100	897
Unit Rate for 2023 - 24								2933

10% escalation every year

Forest Range Officer
W.L.M. ALLAPALLY

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Forest Divisional Officer,
Kinnerasani WLM Division,
Paloncha.