10114039/2020-FCA2

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GOVERNMENT OF TELANGANA FOREST DEPARTMENT

Sri. D. Bheema Naik., IFS., Chief Conservator of Forests, Bhadradri Circle, Warangal.

To: The Prl.Chief Conservator of Forests (HoFF), Teland State, H Y D E R A B A D

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 Bhadradri Kothagudem District – Compensatory Afforestation Scheme in NFL and DFL for **10.7249 Ha** – Submitted - Reg.

Ref :-

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

Adverting to the reference 1st cited above, the District Forest Officer, Bhadradri 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.

		Area proposed in	Area recommended
SI. No	Name of the Project	Ha	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, Bhadradri 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**.

Si. 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//

iperintendent 11/8/223

Receipt No : 2150050/2023/FCA SECTION-PCCF



GOVERNMENT OF TELANGANA FOREST DEPARTMENT



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

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

<u>Rc.No.344/2022/TO, Date.</u> <u>3.07.2023</u>

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, Kaleshwaram, Rc.No.948/2023/TO, Dt.10.04.2023.
- PCCF, TS, HYD, Rc.No.FC2/FC09/20/2022 (997/2021/FCA-1), Dt.17.06.2023.

-aaa-

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						
	Legal status of the existing road may be furnished along with the supporting documents;	Nug	uru RF I	passing through Block and Bodha partment.	n Ramac puram C	handr A land	apuran hande	n and d ove
1		Go.I stat No Dt.1	Ms.No.10 e Gazette RoW in 5.02.192	h Ramachnadra 1990, Dt.02.08.19 2 No.29-B in Page 2 Nuguru RF. 22. Bodapuram CA	971 and e no. 1&2	publi 2, Dt.23	ished i 3.09.19	n Al 71.
		Sl. No	Segment	Block	Length (M)	Width (M)	Area in Ha	RoW
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					211.00	5	0.1088	No
	and the state of the second	2	B-C	Ramachandrapuram RF	1239.85	5	0.1088 0.6199	No No
	(D.Xeeffree)	3	C-D	Ramachandrapuram				No
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		3 4 5	C-D D-E E-F	Ramachandrapuram RF Nuguru RF Nuguru RF Nuguru RF	1239.85 1785.48	5	0.6199 0.8927	No
		3	C-D D-E E-F F-G	Ramachandrapuram RF Nuguru RF Nuguru RF	1239.85 1785.48 51.33	5 5 5	0.6199 0.8927 0.0257	No No No
		3 4 5 6	C-D D-E E-F F-G Total:	Ramachandrapuram RF Nuguru RF Nuguru RF Nuguru RF Nuguru RF	1239.85 1785.48 51.33 69.63 1094.9 4458.72	5 5 5 5 5	0.6199 0.8927 0.0257 0.0348	No No No
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Page 1 of 2

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.

istrict Forest Officer, Malug District

Page 2 of 2

Patha Alubaka to Seetharampuram Road



Bodapuram CA Area Map



File No. PCCF-FC2/FC09/20/2022-FCA SECTION (Computer No. 436698)

Receipt No : 2150050/2023/FCA SECTION-PCCF



Generated from eOffice by M.V. VISHNUVARDHAN, SENIOR ASSISTANT (FCA)-PCCF, O/o PRINCIPAL CHIEF CONSERVATOR OF FORESTS TELANGANA

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File No. PCCF-FC2/FC09/20/2022-FCA SECTION (Computer No. 436698)

Receipt No : 2150050/2023/FCA SECTION-PCCF



Government of Telangana Roads & Buildings Department

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

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.

S

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 20.01.2023vide 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 dealy in development of rural infrastructure.

Yours faithfully,

MExecutive 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 fvaour 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

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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. Gol, 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.

<u>1</u>. The proposed road is an existing earthen road connecting Mutharam village with villages of Alubaka and Seethrampuram 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 Officen 2 (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.



GOVERNMENT OF TELANGANA FOREST DEPARTMENT

Rc. No. 719/2020/D1, Dated: .08.2023.

From: Sri.G. Kista Goud, IFS., District Forest Officer, Bhadradri Kothagudem District, Kothagudem Office of the District Forest Officer, Bhadradri Kothagudem District.

To:

The Chief Conservator of Forests Bhadradri 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 Bhadradri 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.

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

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**.

SI. 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

- 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, Bhadradri Kothagudem District for favour of information.
- Copy to the District (R & B) Officer, Bhadradri Kothagudem District, Kothagudem for information.

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

District Fo Officer Bhadradri Kothagudem District. 0/23

Yours Faithfully.

District Forest Officer Bhadradri Kothagudem District. File No.PCCF-FC2/FC09/20/2022-FCA SECTION

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), Bhadradri 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:

SI. No		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

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File No.PCCF-FC2/FC09/20/2022-FCA SECTION

I/174791/2023

NFL scheme)											
After the above	changes,	the	following	will	be	the	ар	proved	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

То

The DFO., Kothagudem.

Copy to the Conservator of Forests, Bhadradri 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.

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File No.PCCF-FC2/FC09/20/2022-FCA SECTION 0891(202323/FCA SECTION-PCCF

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

with changes - intimation -Reg. 1. CCF, Kothagudem Lr.No 147/2019/M3, dt.11.02.2021.

- Ref :
- 2. Dist R&B Officer (R&B), Bhadradri Kothagudem District Lr.No TO/DB/CA land 2023, dt.31.07.2023.

Kothagudem District - CA scheme proposal submitted - verified and accepted

- 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:

SI. 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		
	RFDs	4.84	0
	percolation tanks (Restricted to 1 No)	7.26	3.6
	taggered trench	13.0992	7.0
1 A	dministrative cost (Not required., as already included in	9.42	0

and the second

File No.PCCF-FC2/FC09/20/2022-FCA SECTION R160697(202823/FCA SECTION-PCCF

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

	NFL		
		As proposed	Approved
10	Cultural operations	9.86817	5.8657
	Protection of NFL for CA	0)
	SMC works	38.6165	25.711
	Habitat improvement works	66.20995	37.4616
	Sub-total	114.69462	69.0388
5	Adm Cost - 10%	11.469462	6.90388
	Total	126.164082	75.94276
	DFL		
		As proposed	Approved
1	Nurserey	5.90121	5.9012:
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.

Signed by Rakesh Mohan Dobriyal Date: 31-08-2023 14:58:53 Reason: Approved

Prl. Chief Conservator of Forests & HoFF

То

STREET, STREET, STR

Encl: As above

The DFO., Kothagudem.

Copy to the Conservator of Forests, Bhadradri 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), Bhadradri Kothagudem District Lr.No TO/DB/CA land 2023, dt.31.07.2023.

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Immediate attention of the District Forest Officer., Bhadradri 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.

		128.023	30.656
	Peddamidisileru to Bathinapally	16.560.	6.131
4	Veerapuram to Gundala	38.550	14.205
3	Gundala to Pasara	9.020	10.32 (work in violation carried out)
	Mamakannu to Bhatupally	39.153	
1	Tekulapally to Gundala	24.740	Proposed for withdrawal
S no	Name of the project	Area proposed in Ha	Area recommended in Ha

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.

File No.PCCF-FC2/FC09/27/2022-FCA SECTION

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
	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. <u>Apportioned map of the NFL for the above four</u> <u>road is under preparation in the GIS cell and the same will be</u> <u>communicated within 3 days.</u>

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)

То

The District Forest Officer., Kothagudem.

Copy to Conservator of Forests., Bhadradri 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.

File No.PCCF-FC2/FC09/27/2022-FCA SECTION

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.)

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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 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.

SI. 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, Palvancha 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, Palvancha 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 EOREST OFFICER Bhadradri Kothagudem Dist. Kothagudem

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

		Unit Cost		2024-25			2025 - 26	6		2026 - 27		1	2027 - 28			2028 - 29		2	2030 - 31		20	81 - 32		2032 - 3	3	2033	3 - 34		2034 - 3	5	2035-1	16	2036-1	17	2037-38		G	Total
Item of Work	Phy	2023-24 (Rs.)	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)		nit Cost Fi (Rs.)	in (Rs.in Lakhs) P		Cost Fin (Rs S.) Lakhs		Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy Unit C (Rs.	ost Fin () Lai	(Rs.in khs) Phy	Unit Cost (Rs.)	Lakhs)	Phy Unit Cost (R	Lakns)	Phy Unit Cost (R	Lakhs)	Phy Unit Cost (Hs.)	Lakhs)		Fin (Rs.in L
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22 2	23 2	4 25	26	27	28	29 30	1	31 32	33	34	35 36	37	38 39	40	41 42	43	44	45
Cultural Operations																							_			_	-	_									11	1 0.
Singling, Coppicing, Brushwood cleaning	ha	4871.00				10.7249	5893.91	0.63212		6483.30	0.00000		7131.63	0.00000		7844.79	0.00000		8629.27			92.20 0.000			0.00000		5.56 0.0			0		0		0	0		11	-
Re-Visit of Cultural Operations	ha	\$500.00					6655.00	0.00000		7320.50	0.00000	10.7249	8052.55	0.86363		8857.81	0.00000	9	9743.59	0.00000	107	17.94 0.000	00	-	0.00000		8.71 0.0		14265.5835	0	15692.1418	88 0	17261.3560	7 0	18987.49168			-
Creation and maintenance of firelines	rmt	11.21	5000	12.3	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 5	000	21.85 1.092	-	0 24.03	1.20148	5000 20	5.43 1.3	the second second				-		-			45000	0
Sub Total:	1		100	11-12-00	0.61655	11111		1.31033			0.74603		10 24200	1.68426	11111		0.90269		(0.99296	1917	1.092	26		1.20148		1.3	2163		0.00000		0.00000		0.00000		0.00000		-
Protection of non-forest CA land																					_	-	_	-		_	_	_			_						-	+
Construction of big boundary pillars - corners	No's	12000					14520	0.00000																										_		-	0	0 0
Construction of intermediate boundary pillars @ 20 m interval	No's	1000		-		(0 1210	0.00000																										-			0	0 0
Erection of Chain link fencing at NFL in Sy.No.60, Venkatapuram Village	Km	1993200					0 2411772	0.00000																							_			-			0	0
Cost of Protection: (b) For unferced 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	person	6508.16	10.7249				0 7875	0.00000																														
Sub Total:	10000		1932	autor (A	0.00000		COLOR DE	0.00000			0.00000	Constant of	nit) miles	0.00000	NO.		0.00000		-	0.00000.0		0.000	000		0.00000		0.0	00000		0.00000		0.00000		0.00000		0.00000	SBA	Contraction of
SMC Works	a second second				-																											_		_		-	-	-
Digging of CPT in km	km	140000		-			169400	0.0000					_																			_		-		-	0.00	
Bund plantation in km	km	30000					36300			39930	0.0000												-									_		_		-	0.00	-
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Forest Range Officer W.L.M. ALLAPALLY

Forest Divisional Officer Wildlife Management Division, Kinnerasani

Bhadradn Kothagudem Dist, Kothagudem

			Unit Cost		2	024-25			2025	- 26			2026 - 27			2027 -	28		2028 -			2030 - 3	pally R		2031-3			2032 - 3			2033 -			2034				15-36	T		2036-37		T			1	
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5 8th Year Main		Ha	2933	-	+	-+		-	-	-					-			-	-	-		_	-										10.7	2 34393.0	3.68	862			-						-	10.7	
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Forest Range Officer W.L.M. ALLAPALLY

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Forest Divisional Officer Wildlife Management Division, Kinnerasani

DISTRICT FOREST OFFICER Bhadradri Kothagudem Dist, Kothagudem 218/23



Forest Divisional Officer Witdlife Management Division, Kinnerasan

W.L.M. ALLAPALLY

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

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
C	17.84040	80.59854

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DISTRICT FOREST OFFICER Bhadradn Kothagudem Dist, 18 25 Kothagudem 10

Forest Divisional Officer

Forest Range Officer W.L.M. ALLAPALLY



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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 DIVISION RANGE OF WILDLIFE MANAGEMENT **KINNERASANI** 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, 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 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, Bhadradri Kothagudem District

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

		-		1	2024-25			2025 -	26		2026 - 2	,		2027 - 2	8		2028 - 29		2030	- 31		2031 - 32			2032 - 33		2033 -	34	2034 -	35	2035-	30	2036-1	7	2037-38		4	Grand Total
L Item c	Item of Work	Phy	Unit Cost 2023-24 (Rs.)	Phy	-	st Fin (Rs.)		Unit Cost (Rs.)	1	Phy	Unit Ces (Rs.)	t Fin (Ruli Lakhs)	Phy	Unit Cor (Rs.)	t Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy Unit Co (Rs.)	st Fin (Rs.li Lakhs)		Unit Cost (Rs.)	Fin (Rs.In Lakhs)		Init Cost Fin (R (Rs.) Lakh		V Unit Cos (Rs.)	Lawns)	hy (Rs.)	Laiths)	Phy Unit Cost (P	(ak/H)	Phy Unit Cost (H	(Lakhs)	ty Unit Cost (Rs.)	Lanna)	Phy	
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	altural Operations	ru	11.21			3 0.61655	500				0 14.9	0.7460	3 50	30 16.4	0.82063	5000	18.05	0.50269	5000 19.	0.99291	6 5000		1.09226	\$000	24 03 1.20		26.4	1.32163	_						_			
f Creation and	maintenance of firelines Sub Total		11.21	5000	12.3	0.61655		11.70	1.3103	-	A DATE OF THE OWNER	0.7460		a second	1.68426	all all	120-200-202	0.90269	100	0.99296	5	CONSTRUCTION OF	1 09226	199	1.201	48		1.32163		0.00000		0.00000		0.00000		0.00000	2/09/07/2	9
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corners	of big boundary pillars -	No's	12000					0 14520	0.0000	0			-	_	-				_	-						+	-		-								0	0
b pillars @ 20 m	of intermediate boundary n interval	No's	1000					0 1210	0.0000	0											\vdash			_														0
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allowed for pla but less than 7	ced area. One Casual labour is lantation more than 10.00 ha 20.00 ha and one more Casual nitted for multiples of 20.00	person	6508.16	10 7249				o 7875	0.0000	2																												0.
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II SMC Works			140000				-	169400	0.0000																												0.00	
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Miaintenance I weeds	for Removal of Obnoxious	ы	4478.20					5960	0.0000	10.7249	6557	0.703	10.724	7212	0.773	10.7249	7933.40447	0.85085 1	0.7 8726.749	0.93593				-							-		_					20.0
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Construction of	monitoring hut	No's	1200000				1	1597200	15.9720										_		_			-		-					-						2.00	25
Animal trackers		No's	144000				4	191664	7.6666	4	210830	8.433	4	231913	9 277				_					_		-								0.00000		0.00000	2.00	66.
	Sub Total	1000	228	1000	0.000	0.00000	100	1000	45.23673		128600	9.13640	975 (Mai	1000	10.05004	1.0.241		0.85085	12000	0.93593	13:125 (3)		00000		0.0000			0.00000	1.1	0.00000	1000	0.00000				0.000000	0048/31	11.4
Administrative						0.06166			9.12136			0.98824			1.17343			0.17535		0.19289			10923		0.1201			0.13216		0.00000		0.00000		0.00000		0.00000	-	126.3
	vise outlay of the project					0.67821			100.33491			10.87067			12.90772			1.92889		2.12178			20148		1.3216			1.45379		0.00000		0.00000		0.00000	1 - C - C - C - C - C - C - C - C - C -		20.00	120.3

Forest Range Officer W.L.M. ALLAPALLY



Forest Divisional Officer Wildlife Management Division, Kinneresant



	. I.	nit Cost		2024-25	425 2025 - 26					2026 - 27			2027 28			2028-2	9		2030 - 31			2031 - 32			2032 - 33			2033 - 34			2014 - 35			1935-36			7936- 77			2277-58		Gra	Into Total	
Item of Work	Phy 3	023-24	Piry	Unit Cest (Rs.)	Fin (Rs.in Lakhs)	P		t Cent Pb.)	Fin (Ra.In Lakhs)	Phy	Unit Cert	Fin (Rs. in Lakhs)	Phy	Unit Cest (Rs.)	Fin (Rs. In Latin)	Phy	Unit Cost (Rs.)	Fin (Ps.In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Ps.In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	(Ps.)	fin (Rs.in Lakhs)	Phy	Unit Cost (Ps.)	Fin (Ps.In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Ps.in Lakhs)	Pirq	Unit Cost (Ps.)	Fin (Rs.in Lakhs)	<i>3</i> - 1	Unit Cost (Ps.)	Fin (Pislin Lakha)	779	Unit Cast (Ps.)	Fie (Rs.ie Lakts)	~~~	(Ra.le Laktes)
2	3	4	5	6	7				10	11	12	13	14	15	16	17	1.9	19	20	21	22	23	24	25	26	27	2.8	29	30	31	32		34	35	36	37	38	19	- 10	41	12		44	45
aising of Plants in Nurseries & their Ma	Intana	nce, Proci	remen	of Plant	3																																		-		_		-	
a sing of Primary beds	Plant	0.4343	20000	0.47772	0.0951	4																																			-		20000	0.09
aising of Bag Plants of 4"x7"	Plant	5.4308	20000	5 97388	1 194	7																																					20000	
faintenance of Bag Plants of 4"+7"	Plant	1.3006				2	0000 1	57374	0.31475																																		20000	0.3
on. of bag plants from 4"#7" to 9"#11"	Plant	12.06/92				2	0000 14	60377	2.5707																																	-	10000	0 2.9
faintenance of Bag Plants of 9"x31"	Plant	5 1667								2000	6.8769	1 3 75	10																											-		-	77560	
Sub Total:			240		1.290	12			3.235%			1.375	19		0.0000	00		0.000	0		0.00000	0		0.0000	0		0.00000			0.00000	0		0.00000			0.0000	00		0.00000	0	-	0.00000	0	5.9
Planting activities (SMM) in DFL																																								-		-	-	-
Advance Operations	Ha	70307				10	7249	85071	5 1238	5																													-	-	-	-	10.72	7 9.1
Raising of Plantation	Ha	133022								30.72	9 17705	18.983	70																-		-	-							-	-	-	-	10.72	
1st Year Maintenance	Ha	44958											10	2 6582	3 7.059	4.8									-											-		-	-	-		-	20.71	
Ind Year Maintenance	Ha	32304														10	2 52026	17 5.575	75			-	-		-						-					-		-	-	-	-	-	10.7	
3rd Year Maintenance	Ha	18550																	10.7	32862.6	3 5244	18	-					-		-	-			-		-		-	-	-	-	-	10.7	-
4th Year Maintenance	Ha	15296																				10.7	2 29807.5	1.196	u			-	-		-			-	-	+	-	-	-	-	-	-	10.7	
Sth Year Maintenance	Ha	13260				-											-	-	-	-				-		28423.84	3.04843							-	-	-	-	-	-	-	-	-	10.7	
Oth Year Maintenance	Ha	2933								1						-	-	-	-	-	-	-	-	-		10.15 0			6915.86	0.7413	22	-		-		-		-	-	-	-	-	10.7	
7th Year Maintenance	Ha	13260																-	-	-		-		-	-	-		-		-		34393.0	1 6886	2	-	-		-	+	+	+		10.7	
8th Year Maintenance	Ha	2933													-	-			-	-	-	-	-	-	-			-	-	-	10.1		1.000		72 8368.2	0.00	748			-		_	10.7	
9th Year Maintenance	Ha	13260												-	-	-	-		-	-	-	-	-	-	-	-		-	-	-	-	-		10.7		7 0.05		D 41635	56 4.4612		-		10.7	
10th Year Maintenance	14.4	2933				-								-	-		-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-		10.1	1 41013.3		_	Th Longer	51 1.089		
Sub Total	Ŀ		1		0.00	100			9.123	13	-	18.95	170		7.05	948		5.57	175	0 2000000	3.524	40	NO. TABUCORD	3.196	12	3 12721-0234	3.0484			0.741	-	1000	3,6886	1		0.89			4.4632		2 10125.5	1.085	_	61
SMC Works	-				-						-	-		-			-				3.24			5.400			2.04004			0.741			3.0009	-4	-	0.55	140	-	4,4034	13	-	1.085	35	92
Construction of Percolation Tanks within vicinity of DFL CA	No's	300000					2	363000	7.26	80										-			-		-			1						+		-		-	-			-		2 7
Construction of Mini Percolation Tanks within vicinity of DFL CA	No's	7500	5				1	90754	0.90	75																		1						1		-		-	-		-	-		3 3
Staggered trenches	Cmt	21	5				500	25	1.23	05 2	000	80 5.	902 2	000 3	07 6.	492					-		-	-	-	-	-	-	-	-	-		-	-	-				+					500 13
Construction of RFDs in the vicinity of CA- DFL	No's	1000	0				40	1210	4.84	æ																		1					-	-	-	-		-						40 4
Solar pumps with bore well for PTs	No's	50000	0				1	60500	6.0	00																	-	-	-	-	-	-		-		-	-	+		-				
Sub Tot	al	1000		100	0.00	000			20.325	00		5.5	020	100	6.14	1922	-	0.0	000	87. SAR43	0.000	000	GEP GLANE	0.00	000	10000	0.000	00	20 05019	0.000	000		0.000	00	-	0.00	0000	-	0.000	000	-	2.000	000	26
Hobitat Improvement works																												-		-					-			-			-			
Removal of obsocious weed within vicini of DFLCA	ty ha	796	0				10	963	2 0.9	32	10	595	.000																					+		-		-	-	-	-		22	0.00
Sub Tot	al	12.1			0.0	000		32	0.963	16		0.0	2000	1	0.0	0000	1 224	0.0	0000	08 12 22	0.00	000	00 000	0.00	000	35 F2-87 183	0.000	000	11	0.00	000	/	0.000	200	-	01	0000	-	0.000	000	-	0.00		
Administrative Cost - 10%					0.13	903			3.36	-95		2.5	9543		1.3	2087		0.5	5798	-	0.35	245		0.31			0.304			0.07			0.364				8975		0.44			0.10		-
Total year wise outlay of the proje	d				2.4	935			37.01	4	-	28.5	1071		14.5	1057	1.1		3773	100	3.87		100	3.51		-	3.353		-	0.81		-	4.05				8723		4.90			1.13		101

Forest Range Officer W.L.M. ALLAPALLY

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Forest Divisional Officer Vildlite Management Division, Kinnerasam

DISTRICT FOREST OFFICER Bhadradn Kothagudem Dist A 18/23

		UNIT COST FOR RAISING O	FPRIM	ARY BEDS			
R-2	2023- Code	Item of work	Unit	FSR Rate (Rs.)	Agency allowence 25% (Rs)	Total Rate (Rs.)	Amount (Rs.)
01.0		PRIMARY BEDS of 1x1x0.3 m size for Miscellane beds for 1 lakh nursery is permitted. Primary be on availability of fresh seeds. Once primary beds without changing the medium - what is required grass on it and adding the below recommended	ds shoul s are for l each tii	d start from med, they c me is solari:	n Jan - May d an be used u zation, burni	lepending upto 5 years ng a layer of	
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	1.01.05		Bed	29.20	7.30	36.50	36.50
5 0	1.01.06	Cost and transport of 0.025 cum FYM	Bed	30.14	0.00	30.14	30.14
	1.01.07		Bed	13.44		16.80	16.80
8 (01.01.08		Bed	15.36	5 3.84	19.20	19.20
10	01.01.1		Bed	500.00	0.00	500.00	500.00
11	01.01.3	the second secon	Bed	15.3	0 3.83	19.13	19.13
12	01.01		45 Day	s 17.2	.2 4.31	21.53	32.29
13	01.01		Bed	5.0	00.00	5.00	5.00
14		Electrical Charges		20.0	00.00	20.00	20.00
		Tota	I				789.62
		Rasing of seedlings 110% for abtaining 100%				10%	78.96
		Tota cost of each plant (2000 plants per bed) - 20					0.4343
L		10% escalation every year			he		

Forest Range Officer W.L.M. ALLAPALLY

Forest Divisional Officer Wildlife Management Division, Kinnerasani
	UNIT COST FOF	₹ BAG	PLANT	NURSERY					
1. 2023-			1		As r	per FSR		1	٦
24 Code	item of work			Rate (Rs)	Per	Agency allowence			
	BAG PLANT NURSERY: Seedlings ne	aed to) be ra	ised in 4"x	7" (200		5"x9"	<u> </u>	\neg
	Raising of Ruisery in Polythene b	ags ir	n sizes	s of 4"x7"	(200 ga	auge) or 5"x	(9" (250		-
01.03.01	of growth, uprootal of stumps and removal of surface stones, rubbish of all sorts etc.	Bed	1	61.44	1	15.36	5 76.80	76.	80
	Cost of Polybags (including the cost of cert	cificati	on by)	: To ensure	quality c	ontrol, the qu	uality of		\neg
01.03.05	g: 589 bags / kg	Kg	4.41	178.00	1	0.00	0 178.00		.98
01.03.04	Cost and Transport of ingredients for Potti	ing Mi	xture:	(As per CSSP	() Red So	oil, tank-silt, F	YM in 2:1:1	1	
01.05.05	Distance upto 5 km		 '	1					
	bags / bed	No's	2600	239.70	1000		239.7	0 623	.22
	km								
	for 1000 bags	No's	2600	130.80	1000		130.8	30 340	80.0
	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.	E E E							
	bags / bed	No's	s 260C	0 723.25	1000) 180.8	81 904.	.06 235	50.56
	of inspection paths etc	Bed	1 1	9.41	1	2.5	35 11.	.76 1	11.76
	and transplanting into polybags	No's	\$ 2600	0 174.28	1000) 43.	57 217	.85 5(66.41
	(e.g. Yegisa, Nalamadi, Yerumaddi etc.) directly into bags including cost of treatment	.) of No's	s 260(0 103.68	100() 25.	.92 129	.60 3	36.90
01.03.12	day from Feb-March - a) Manually with	h	d 4	338.28	1	84	.57 422	2.85 1€	691.4
01.03.13	Weeding to be done for every 2 months from the date of transplantation up to March	s o Ber	d 4	68.33	1	17	·.08 8	5.41	341.
01.03.14	months and consecutive shifting and	d	d 1	290.16	5 1	7:	2.54 36	2.70	362.
	01.03.01 01.03.03 01.03.04 01.03.04 01.03.05 a 01.03.06 a 01.03.08 01.03.08 01.03.09 01.03.10 01.03.11 01.03.12 01.03.13	2023- 24 Code Item of work BAG PLANT NURSERY: Seedlings ne Raising of Nursery in Polythene bo 01.03.01 Site preparation for New Sites - Clearing of growth, uprootal of stumps and removal of surface stones, rubbish of all sorts etc. Cost of Polybags (including the cost of cert 01.03.03 Dit x 17.5 cm (4" x 7") size bags of 200 g: S89 bags / kg 01.03.04 Cost and Transport of ingredients for Potti 01.03.05 Distance upto 5 km a 10 cm x 17.5 cm (4" x 7") size bags: 2600 bags / bed Size bags / kg 01.03.06 For every extra km beyond 5 km upto 25 km M a 10 cm x 17.5 cm (4" x 7") = 0.56 cum vol. for 1000 bags Size bags / bed 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. a 10 cm x 17.5 cm (4" x 7") size bags: 2600 bags / bed 01.03.09 Allignment of beds including allignment of inspection paths etc 01.03.10 Pricking out seedlings from primary beds and transplanting into polybags 01.03.11 Sowing / dibbling of pretreated seeds (e.g. Yegisa, Nalamadi, Yerumaddi etc.), directly into bags including cost of treatment 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 ho	2023- 24 Code Item of work Unit BAG PLANT NURSERY: Seedlings need to Raising of Nursery in Polythene bags in 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 Cost of Polybags (including the cost of certification 01.03.03 Cost and Transport of ingredients for Potting Min 01.03.05 Mag 01.03.04 Cost and Transport of ingredients for Potting Min 01.03.05 No's 01.03.05 Distance upto 5 km A 01.03.06 For every extra km beyond 5 km upto 25 km No's 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. No's 01.03.09 Allignment of beds including allignment of inspection paths etc No's 01.03.10 Pricking out seedlings from primary beds and transplanting into polybags No's 01.03.11 Sowing / dibbling of pretreated seeds (e.g. Yegisa, Nalamadi, Yerumaddi etc.) directly into bags including cost of treatment No's 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 01.03.13 Weeding to be done for every 2 months from th	2023- 21 CodeItem of workUnitQty.BAG PLANT NURSERY: Seedlings need to be ra Raising of Nursery in Polythene bags in sizes01.03.01Site preparation for New Sites - Clearing of growth, uprootal of stumps and removal of surface stones, rubbish of all sorts etc.Bed1Cost of Polybags (including the cost of certification by)10.03.0310 cm x 17.5 cm (4" x 7") size bags of 200 bags / kgKg4.4101.03.05Distance upto 5 kmAAa10 cm x 17.5 cm (4" x 7") size bags: 2600 bags / bedNo's260001.03.06For every extra km beyond 5 km upto 25 kmNo's2600a10 cm x 17.5 cm (4" x 7") = 0.56 cum vol. for 1000 bagsNo's260001.03.08Preparation 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.No's260001.03.09Allignment of beds including allignment of inspection paths etcNo's260001.03.10Pricking out seedlings from primary beds and transplanting into polybagsNo's260001.03.11Sowing / dibbling of pretreated seeds (e.g. Yegisa, Nalamadi, Yerumaddi etc.) directly into bags including cost of treatmentNo's260001.03.12Watering the plants (2 Months) twice a day from Feb-March - a) Manually with rose cans or finely perforated nozzle attached to a hose pipeNo's260001.03.13Weeding to be done for every 2 months from t	Zi CodeItem of workUnitCty.Rate (Rs)BAG PLANT NURSERY: Seedlings need to be raised in 4"x:Raising of Nursery in Polythene bags in sizes of 4"x7" i01.03.01Site preparation for New Sites - Clearing of growth, uprootal of stumps and removal of surface stones, rubbish of all sorts etc.Bed161.4401.03.0310 cm x 17.5 cm (4" x 7") size bags of 200 g: S89 bags / kgKg4.41178.0001.03.04Cost and Transport of ingredients for Potting Mixture:(As per CSSR01.03.05Distance upto 5 kma10 cm x 17.5 cm (4" x 7") size bags: 2600 bags / bedNo's2600239.7001.03.05For every extra km beyond 5 km upto 25 kma10 cm x 17.5 cm (4" x 7") e 0.56 cum vol. for 1000 bagsNo's2600130.8001.03.08Preparation 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.No's2600723.2501.03.09Allignment of beds including allignment of inspection paths etcNo's2600174.2801.03.10Pricking out seedlings from primary beds and transplanting into polybagsNo's2600103.6810.03.11Sowing / dibbling of pretreated seeds (e.g. Yegisa, Nalamadi, Yerumadid etc.) directly into bags including cost of treatmentNo's2600103.6801.03.12Watering the plants (2 Months) twice	12023- 12 CodeItem of workUnit $\frac{1}{2}$ Rate (Rs) $Rate (Rs)$ Per Rate (Rs)BAG PLANT NURSERY: Seedlings need to be raised in 4"x7" (200 Raising of Nursery in Polythene bags in sizes of 4"x7" (200 ga01.03.01Site preparation for New Sites - Clearing of growth, uprootal of stumps and removal of surface stones, rubbish of all sorts etc.Bed161.44101.03.0210 cm x 17.5 cm (4" x 7") size bags 1020 bags / bedKg4.41178.00101.03.0310 cm x 17.5 cm (4" x 7") size bags 200 bags / bedKg4.41178.00101.03.04Cost and Transport of ingredients for Potting Mixture: (As per CSSR) Red SoNo's2600239.70100001.03.05Distance upto 5 kmIIIIIIa10 cm x 17.5 cm (4" x 7") size bags: 2600 bags / bedNo's2600130.80100001.03.08Preparation 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.No's2600723.25100001.03.04Allement of beds including allignment of inspection paths etcNo's2600174.28100001.03.10Pricking out seedlings from primary beds and transplanting into polybagsNo's2600103.68100001.03.12Vatering the plants (2 Months) twice a day from Feb-March - a) Manually with rose cans or finely perforated nozzle attached	2023 - (2 CodeItem of workUnit 200 (Rate (Rs) $As per FSR$ Agency Rate (Rs) $AgencyAgencyAgencyand owence25% (Rs)BAG PLANT NURSERY: Seedlings need to be traised in 4*x7" (200 gauge) or 5*xa_1x7" (200 gauge) or 5*xa_1x7" (200 gauge) or 5*x01.03.01Site preparation for New Sites - Clearingof growth, uprotal of stumps andremoval of surface stones, rubbish of allsorts etc.Bed161.44115.3601.03.0210cm x 17.5 cm (4" x 7") size bags of 200g: S89 bags / kgKg4.41178.0010.0001.03.04Cost and Transport of ingredients for Potting Mixture:Mags / bedNo's2600239.701000100001.03.05Distance upto S kmNo's2600130.8010001000100001.03.06For every extra km beyond S km upto 2SkmNo's2600130.801000100001.03.06For every extra km beyond S km upto 2SkmNo's2600130.801000100001.03.06for unous ingredients, sievingand mixing them in prescribedproportion; opening of bags and fillingwith potting mixture and gently pressingthe same with finger tips and arrangingin heds.No's2600723.251000180.801.03.01Pricking out seedlings from primary bedsand transplanting into polybagsNo's2600174.281000043.401.03.10Pricking out seedlings from primary bedsand transplanting into polybagsNo's$	2023 CodeItem of workUnit $Qty.$ $As per FSR$ Agency Algoncy and the specified in $4^{+}X^{-1}$ $Agencyand specified in 4^{+}X^{-1}Agencyand specified in 4^{+}$	As per FSRAmound a mound in the per series of the pe

		Replacement of casualties after sorting							
1	81	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
.3	01.03.16	Cost of foliar nutritient 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
4	01.03.18	Weeding in the space between the beds, inspection path and sorroundings 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 secondray beds o Teak beds of 10 x 1 m size o combination of both. For more than lakh RT or 300 secodary beds of Tea bedsor combination of both anothe additional Nursery Watcher is allowed While calculating the number of Nurser Watcher, care shall be taken to includ the nursery raising under all Schemes a a particular site. No extra Nurse Watcher is allowed for primary beds 1x1 m size. However, the above narrati is subject to the provisions cited und general instructions.	r 7 3 k 7 4 Y le at ry of ve	4	10846.93	100	0.00	10846.93	433.88
1	16	Electricity charges					0.00	300.00	300.00
			tal						8481.26
	17	Add casualty 10%							751.09
\vdash		2023-24 Grand To							9232.35
-		cost of each plant (2600 plants per be	d)						5.4308

10% escalation every year

Forest Range Officer W.L.M. ALLAPALLY

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Forest Divisional Officer, Kinnerasani WLM Division, Paloncha. :(

L							per FSR		
24 Co	023 ode	Item of work	Unit	Quantity	Rate (Rs)	Per	Agency	Total (Rs)	Amount (Rs.)
		Maintenance of 4"x7" or 5"x9" bag plants from April – August Watering the plants twice a da from April – August	- Y						
	4.01	(a) Manually with rose cans or finel perforated nozzle attached to hose pipe	a Bed	5	338.27	1	84.5675	422.8375	2114.19
-		Weeding the beds during May		2	68.33	1	17.0825	85.4125	170.83
3 01.	.04.03	 Shifting, grading and rearrangeme in beds 	nt Bed		290.16	5 1	72.54	362.7	
4		Electricity charges							300.00
5 01.		additional Nursery Watcher allowed. While calculating number of Nursery Watcher, shall be taken to include the nu raising under all Schemes particular site. No extra Nu Watcher is allowed for primary of 1x1 m size. However, the a	RT of x 1 one is ore ngs 300 10 x For 300 10 x For 300 dsor ther care rsery at a rsery beds above	ed	4 10846.9	93 10	0 0.00	0 10846.93	433.88
	+	narrative is subject to the prov 2023-24	Total						3381.59
-		cost of each plant (2600 plant		d)					1.3006

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

cost of each plant (2600 pla 10% escalation every year

Forest Range Officer W.L.M. ALLAPALLY

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

F							7 10 9		per FSR		
24 CO	23- de		ltem of work	Unit	Qty	Ra	ite (Rs)	Per	Agency	Total (Rs)	Amount (Rs.)
	d	one d	RSION of Root Trainer plants or 4 uring September - October. At the east above 0.45m in height (exclud	e time	of cor	vers	ion, the l	height	igher size ba		
01.0		2:1:1 r (SSP) a chemi	nd Transport of ingredients for Po ratio. To this soil mixture, 220 gm o and 250 gm of phorate granules pe icals is as per actuals. portation of soil mixtur	of Indo r 1 cu	phyll	M-45	5, 4.5 kg c	of sing	e super pho	sphate	
01.0	5.21	ingre	dients								
1	e	(e) 4'	nce up to 5 km ' x 7" to 9" x 11" bags (4.717 - 0.5 57 cum)	6 N	o 5	00	1779.74	1000	0.00	1779.74	889.87
01.	.03.22	ingre	sportation of soil mixtu edients more than 5 km distan upto 25 km distance								
2	e	(e) 4	4" x 7" to 9" x 11" bags (4.717 - 0. 157 cum)	56 N	lo 5	500	968.80	1000	0.00	968.80	484.40
	1.03.24	pov anc prc wit po big ar (6	paration of Potting Mixture vdering of various ingredients, sievi- d mixing them in prescrib oportion; opening of bags and fill th potting mixture partially, tearing lybag plants and repotting them ins gger bags and filling the rest of ba- ently pressing the same with finger and arranging in beds of 10x1 m "x12" size: 1100 bag plants / bed "x12" size": 800 bag plants per bed)	ng ing the ide ags; tips size							
3	e	(e) 4" x 7" to 9" x 11" bags (4.717 -	0.56	No	500	3233.4	3 100	0 808.3	6 4041.79	2020.89
4	01.03		= 4.157 cum) Cost of Chemical component								40.00
		3.30	Stakes to be provided to plants in 8"X12", 9"X11", 10"X16" and 12"X13 bags with a minimum 1.50 mtr heigh	t	No	500	5788.1	13 100	00 0.0	0 5788.1	3 2894.07
	01.0	3.31	Weeding the plants (1100 no 6"x12"bags; 800 no. of 8"x12" bags 400 no. of 10"x16" bags) from Nove	; and							
			- March: 2 weedings Weeding the plants (2 weedings)		Bed		2 68.	33	1 17.0	08 85.4	1 170.8
5	01.	.03.32	Shifting, Grading and rearrangin secondary beds - One Gradin February	ng in ng in	Bed		2 290.	16	1 72.	362.7	0 725.4

6	03.35	Watering the plants manually twice a day (from Novemebr - March) with rose spray or finely perforated nozzle attached to a hose pipe. Manually with rose spray or finely perforated nozzle attached to a hose pipe Cost of foliar nutritient formulations like	Bed	5	338.34	1	84.59	422.93	2114.63
	01.05.5	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.		4	10846.93	100	0.00	10846.93	
8		Cost of the ploythene bags							2340.00
9	01.03.3	89 Electricity charges							500.00
		Tota	1						12643.96
1	0 01.03.3								632.198
		2023-24 Total for 500 plants	s						13276.15
		cost of each plant							12.0692

10% escalation every year

Forest Range Officer W.L.M. ALLAPALLY

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

No							As	per FSR		
NO. F	SR-2023-24 Code		ltem of work	Unit	Quantity	Rate (Rs.)	Per	Agency allowence 25% (Rs)	Total (Rs.)	Amount (Rs.)
	01.04.00	PLANTI size sec of 5" X	AINANCE OF BAG PLANTS NURSERY UPTO ING SEASON (APRIL TO AUGUST) for 10 m X 1 m condary beds (2600 Nos of 4" X 7" bags; 1700 Nos (9" bags ; 1100 Nos. of 6"X12" bags; 800 Nos. of ' bags; 400 Nos. of 10"x16" bags per bed)							
	01.04.01	Water month	ing polybag secondary beds twice a day for 4 ns							
1	а		ally with rose spray or finely perforated nozzle hed to a hose pipe	Bed/month	4	338.27	1	84.57	422.84	1691.3
2	01.04.02	Weed	ding once during maintenance year	Bed/weeding	1	68.33	1	17.08	85.41	85.4
3	01.04.03	8 Shifti	ng, grading and rearrangement in beds	Bed/shifting	2	290.16	1	72.54	362.70	725.4
4	01.04.05		of foliar nutritient formulations like multiplex or 19:19:19; fungicides and insecticides from April to ust		1	52.00	1	0.00	52.00	52.00
	01.04.0	Cow	dung Slurry application (One can apply chemical ar spray or apply cowdung slurry - not both)							
5	а	Cos	t and transportation of fresh cowdung	As per actuals	5 1	25.00	1	0.00	25.00	25.0
6	01.04.0		eding in the space between the beds, inspectio h and sorroundings of Nursery	n Bed	1	34.19	1	8.55	42.74	42.7
	7	to / 1 Orr nu see To W V	st of Protection: One Nursery Watcher is allowed u 1 lakh RT nursery or 100 secondary beds of polyba 00 Teak beds of 10 x 1 m size or combination of bot ne additional Nursery Watcher is permitted f urseries having more than 1 lakh upto 3 lakh eedlings or more than 100 upto 300 secondray beds eak beds of 10 x 1 m size or combination of both. F hore than 3 lakh RT or 300 secodary beds of Te edsor combination of both another additional Nurse Natcher is allowed. While calculating the number Nursery Watcher, care shall be taken to include f nursery raising under all Schemes at a particular site. extra Nursery Watcher is allowed for primary beds 1x1 m size. However, the above narrative is subject the provisions cited under general instructions.	s h. or RT or cor cor cor cor wak Watcher/ month of No cof	4	10846.93	3 10	0.00	10846.93	433.8
ŀ	8 01	.04.09	Electricity charges			500.00		0.00	500.00	
ł	01			otal						3555.7
ł	9 01	1.04.08	Contingencies @ 5%							177.7
			2023-24 T	otal						3733.5
			cost of each plant (500 Plants per bed)							5.554

10% escalation every year

Forest Range Officer W.L.M. ALLAPALLY

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

X	3					A	s per FSR		
si. No.	FSR-2023- 24 Code	Item of work	Unit	Quantity	Rate (Rs.)	Per	Agency allowence 25% (Rs)	Total (Rs.)	Amount (Rs.)
		MAINTENANCE OF BAG NURSERY FROM SEPTEMBER							
		TO TILL DISPOSAL				-	52.24	261.20	1044.8
_	01.05.01	Watering plants for 10 m X 1 m size secondary bed	Bed/month	4	208.96	1		362.70	
1	01.05.02	Shifting, grading and rearrangement in beds	Bed/weeding	1	290.16	1 100	72.54 0.00	10846.93	542.3
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 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.		5	10846.93				
		Tota							1949.8
		cost of each plant (1100 Plants per bed)						V.S.	1.772
		10% escalation every year						st Divisional erasani WLM	Division,

Forest Range Officer

Paloncha.

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

Ro					As per FS	R		
_R Code	Item of work	Unit	Quant ity	Rate (Rs.)	Agency allowence 25% (Rs)	Total (Rs.)	Per	Amount (Rs.)
2.08.01	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.	ion	1	441.77	0.00	441.77	1	44
12.08.02	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 cur material all over the site; and Burning the same twice til completely burnt. The unsuitable area shall be excuded from the clearing opearation and the expenditure shal be incurred for effective area only. All the above operations shall be completed before December.							
а	Sparse Jungle growth (< 10% ground area covered with	На	0.2	2455.33	613.83	3069.16	1	
	Jungle growth) Very Light Jungle growth (>10% and up to 20% groun	d Ha	0.2	3690.64	922.66	4613.30	1	92
b c	Very Light Jungle growth (210% and up to 2008 provide area covered with Jungle growth) Light Jungle Growth (> 20% and upto 30% ground are covered with Jungle growth) with prior written approv of DFO based on the field inspection of DFO.	a Ha	0.6	8670.61	2167.65	10838.26	1	650
02.08.0	3 Uprootal of Stumps (excluding unsuitable patches) to minimum depth of 45 cm with heavy machinery fitte with 0.90 cum and above capacity bucket, filling the p caused by uprootal, and levelling. For retriv encroached area, the approval of Circle Head is requir and the approval should indicate clearly the density stumps or vegetation to be removed through uproot The uprootal work can be carried out preferably throu	its ed ed of al.			0.00	0.00		
	sparse Jungle growth (< 10% ground area covered with	h Ha	0.4	6586.65	0.00	6586.65	1	26
а	Sparse Jungle growth (< 10% ground and up to 20% ground Very Light Jungle growth (>10% and up to 20% ground Very Light Jungle growth (>10% and up to 20% ground Very Light Jungle growth (>10% and up to 20% ground Very Light Jungle growth (>10% and up to 20% ground Very Light Jungle growth (>10% and up to 20% ground Very Light Jungle growth (>10% and up to 20% ground Very Light Jungle growth (>10% and up to 20% ground Very Light Jungle growth (>10% and up to 20% ground Very Light Jungle growth (>10% and up to 20% ground Very Light Jungle growth (>10% and up to 20% ground Very Light Jungle growth (>10% and up to 20% ground Very Light Jungle growth (>10% and up to 20% ground Very Light Jungle growth (>10% and up to 20% ground Very Light Jungle growth (>10% and up to 20% ground Very Light Jungle growth (>10% and up to 20% ground Very Light Jungle growth (>10% growth)	ind Ha	0.3	12748.32	2 0.00	12748.32	1	38
	 Very Light Jungle growth (>20% and upto 30% ground a covered with Jungle growth) Light Jungle Growth (> 20% and upto 30% ground a covered with Jungle growth) with prior written approved of DFO based on the field inspection of DFO. 	rea Ha	0.3	3 16573.42	2 0.00	16573.42	1	49
02	28.04 Collection and Removal of uprooted stumps of all si	zes,					<u> </u>	33
	other debris etc. to outside plantation site		0.4	4 6709.7	2 1677.4	3 8387.15		
	Jungle growth)		0.	4 10647.5	9 2661.9	0 13309.49) 1	
	 b Very Light Jungle growth (210% and up to Long area covered with Jungle growth) c Light Jungle Growth (> 20% and upto 30% ground a covered with Jungle growth) with prior written appr of DFO based on the field inspection of DFO. 	area Ha	0.	2 12415.1	2 3103.7	8 15518.90) 1	31

	/	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							
F	а	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
F		Unit Rate for 2023 -24							70307
		10% escalation every year	•				ho	1	

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

FT							As per FSR			it Rate per Ha
FSR Code	Item of work		Jntit	Quanti Y		ate (Rs.)	Agency allowence 25% (Rs)	Total (Rs.)	Per	Amount (Rs.)
2.09.02	Deep Ploughing the effective (excluding unsuitab plantation area across the slope to a depth of 3 Heavy-duty Tractor of 55 HP and above with F Board (FMB) plough. FOR TILLED AREA ONLY	30 cm with								
	Ordinary Soil		На		1	4325.04	0.00	4325.04	1	4325
a 02.09.01	Removing congestion of root suckers and other	er uprooted	На		1	1257.61	314.40	1572.01	1	1572
2.09.04	material hindering the effective ploughing © Alignment and staking including demarcation for Misc species with espacement 3mX3m (1111		No's	11	11	105.41	26.35	131.76	100	1464
02.09.05	transportation to site (subject to condition that height is 1.5m to 2.0m height)	the seedling		5 11	111	1415.61	353.90	1769.51	100	19659
02.09.06	Digging of Pits in Ploughed Areas in June - July 50% of original rate of digging of pits of ordinary	y by adopting y soil								
b	45 cm cube size pits	D	No	s 1	111	10.65	5 2.66	13.31	1	14790
01.03.0		ng half of the	e cur	n 0.	.000	310.86	5 (310.86	1	C
	pit and spreading around the pit Transportation of Bag plants / Root trainer nursery site to plantation site including	r plants fror loading an	n d				(0.00		
02.09.	unloading 07 b) upto 5 Km lead (23X28 cm (9"X11")bag pla	ints)	No	o's 1	1111	309.5		309.57		
02.09.	08 b) 5 Km to 25 Km lead (23X28 cm (9"X11")bag	g plants)		o's :	1111	. 217.6	•	0 217.60 0 0.00		241
02.09.	.10 Internal transport of bag plants/root traine points on head loads.	ers to plantin	ng						100	270
b 02.09	23X28 cm (9"X11")bag plants	treating pits		o's	1111	194.4	48.6	2 243.08	100	270
02.03	with SSP (a) Application of 50 gm of SSP per pit planting) for root growth and early establis after planting. ii) Similarly, the bag plants to be dipped inside Chloropyriphos Chloropyriphos in 1 lit water) either at nur	(1 day before shment of plate be planted v solution (5 rsery site before	ore ant will 5ml	lo's	1111	1 46.3	32 11.5	8 57.90) 10	5 64
	transport or at plantation site before plantin (b) Cost of SSP, Chloridine dust or Chloropyr		-	No's	111	1 1.	00 0.0	00 1.0	0	1 111
-	Planting Bag Plants					1 516.	09 129.	02 645.1	1 10	0 716
	.09.13 Planting in 45 cm size cubic pit Pit Watering (one time) immediately after planting takes place on a non-rainy days an a) One critical watering after planting if platon non-rainy days with the prior written per planting takes place on a non-rainy days with the prior written per planting takes place on a non-rainy days with the prior written per planting takes place on a non-rainy days with the prior written per planting takes place on a non-rainy days with the prior written per planting takes place on a non-rainy days with the prior written per planting takes place on a non-rainy days with the prior written per planting takes place on a non-rainy days with the prior written per planting takes place on a non-rainy days with the prior written per planting takes place on a non-rainy days with the prior written per planting takes place on a non-rainy days with the prior written planting takes place on a non-rainy days with the place on a non-rainy days place on	anting takes p	the spell lace	No's No's	111	11 312.	46 78.	390.5	8 10	0 867
0	FDO. 12.09.15 Replacement of Casualties 20% during Rai year (In case of Eucalyptus 10% during causality replacement for further may caualty replacement should be done in interval of 15 days immediately after plan year.	g raising and aintenance). n 3 stages a	The an			during	f original pitting maintenance ye ransportation sa	ars. Planting, t	ransp	ortation
	02.09.06 Digging of Pits in Ploughed Areas in June 50% of original rate of digging of pits of or a) 45 cm size cubic pits	e - July by ado rdinary soil -	opting	No's	1	222	5.33 1	33 6.1	66	1 14
	02.09.07, Transportation of Bag plants / Root tr 02.09.08 nursery site to plantation site inclu unloading - b) upto 25 Km lead (23X2 plants)	uding loading	g and			222 52	7.17 (0.00 527.	17 1	00 11



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/					As per FS	R		
Code		Untit	Quantit Y	Rate (Rs.)	Agency allowence 25% (Rs)	Total (Rs.)	Per	Amount (Rs.)
12.09.10	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
10.12	Planting in 45 cm size cubic pit Pit	No's	222	516.09	129.02	645.11	100	1432
02.09.13	Cost of DAP @25gm / planting point	No's	1111	1.00	0.00	1.00	1	1111
02.09.16	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
02.09.18	WEEDING & SOIL WORKING a) Circular weeding to a radius of 0.50 m around the plant	No's	1111	191.53	47.88	239.41	100	2660
02.09.19	(during July - Aug) 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
	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	На	1	3391.73	0.00	3391.73	1	3392
	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-	На	1	4306.88	1076.72	5383.60	1	5384
2.09.25	ploughing. 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 perso n per mont h	1	10846.93	0.00	10846.93	На	4881
	Raising of Bund Plantation for CPT around the plantation	Km	1	30000.00	0.00	30000.00	Km	30000
					1			133022
	Unit Rate for 2023 -24 10% escalation every year				4	50		
	10% escalation every year					Divisional O asani WLM Di Paloncha.		

Forest Range Officer W.L.M. ALLAPALLY

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

Unit	Rate	per	Ha

	b	_	Unit Rate					
					As per F	SR		
rsR Code		Unit	Quantit y		Agency allowence 25% (Rs)	Total (Rs.)		Amount (Rs.)
	Replacement of Casualties 20% during Raising & 25% in	n	50% of r	ate of origin	al pitting ra	te during rai	sing y	ear and 100%
02.10.01	In case of Eucalyptus 10% during raising and	u j	during m	aintenance	years. Plant	ing, Transpo	hovo	n and internal
	according to the second s	•		transp	ortation as	prescribed a	Dove.	
	a stages a	L L						
	an interval of 15 days immediately after planting	B						
	during raising year.							
		/ No's	278	10.65	2.66	13.31	1	3698
02.09.06	Digging of Pits in Ploughed Areas in June - July by	f	270					
02.0	adopting 50% of original rate of digging of pits o							
	ordinary soil -							1075
	a) 45 cm size cubic pits	No's	278	309.57	77.39	386.96	100	1075
02.09.07	a) 45 cm size cubic pres 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							
						217.60	100	604
	plants) Transportation of Bag plants / Root trainer plants from	No's	278	217.60	0.00	217.60	100	
02.09.08	nursery site to plantation site including loading and							
	unloading - b) beyond 5 km and upto 25 Km lead							
	(revolute (c"V12") hag plants)			100.00	48.62	243.08	100	675
	internal transport of bag plants/root trainers to planting	No's	278	194.46	48.02	245.00		
02.09.10	points on head loads - b) 15X30 cm (6"X12")bag plants							
	politis on neuro loces - 27			516.09	129.02	645.11	100	1792
22.00.12	Planting in 45 cm size cubic pit Pit	No's	278	312.46	78.12	390.58		4339
	immediately after planting in the	No's	1111	512.40	, 0.12-			
	the second a non-rainy days and during ury	1 1						
	which a strictly watering after planting in planting	1 1						
02.05.14	takes place on non-rainy days with the prior written							556
			1111	0.50		0.50	1	550
02.09.16	permission of DFO / FDO. Cost of DAP @25gm / planting point-50% of raising cost	NOS					100	643
		No's	1111	46.32	11.58	57.90	100	045
02.09.11	Application of fertilizer in August (30 days after planting)							
	e distance of 10 cm away norm provide soil is really wet at fertilizers and closing. Ensure that the soil is really wet at							
1	he time of DAP application.							
				890.24	222.56	1112.80	100	12363
	Deep soil working to a radius of	No's	1111	050.24				
	the a dopth of 15 cm (10 be done - / 1							
	b.5 m and to a depth of 15 shift during Nov - Dec							
		Nala	1111	191.53	47.88	239.41	100	2660
02.10.03 V	Veeding and saucer formation to a radius of 0.50 mtr	NOS						
02.10.05 V	veeding and saucer formation to enable of a line of the plant in the entire plantation during July /							2760
		ha	0.7	4306.88	1076.72	5383.60	1	3769
	Hyptis suaveolens) weed with							
	L Lafaco and atter uniouten the							
r	emoval shall be completed before septement							
a	ny cost before inter-ploughing.							

	(during September) the effective l	na	1	3391.73	847.93	4239.66	1	4240
	Inter-ploughing (during September) the effective inter-ploughing (excluding unsuitable patches) across							
1	^{plantation} area (excluding distribute patches) across ^{plantation} across ^{plantation} area (excluding distribute patches) across ^{plantation} area (excluding distribute patches) across ^{plantation} area (excluding distribute patches) across ^{plantation} across ^{plantati}							
Se .	the slope to a depth of 50 cm with Heavy-duty Hactor of 55 HP and above with Firm Mould Board (FMB)							
	ing of lower branch initials of limber and NIFP	No's	1111	146.59	36.65	183.24	100	2036
10.07	species by scicature upto 1/3 rd height (to be done							
	using July - Aug)							
	cost of Protection: (b) For unfenced area: One Casual	per	1	10846.93	0.00	10846.93	Ha	6508
02.10.05	labour is allowed for plantation more than 10.00 ha but	pers						
	less than 20.00 ha and one more Casual labour is	on						
	permitted for multiples of 20.00 ha Rs.8757 per month -	per						
	12 months	mon						
		th						44059
	Unit Rate for 2023 - 24							44958
	10% escalation every year					ho		
						-		

Forest Range Officer

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

Unit Rate per Ha

					As p	er FSR		
inde			Quantity	Rate (Rs.)	Agency allowenc e 25% (Rs)	Total (Rs.)	Per	Amount (Rs.)
	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 caualty replacement should be done in 3 stages at an interval of 15 days immediately after planting during raising year 5% proposed		50% of during r	naintenan	ce years. P	g rate durin lanting, Tra as prescrib	nsportation	ar and 100% and internal
	Digging of Pits in Ploughed Areas in June - July by adopting 50% of original rate of digging of pits of ordinary soil -	No's	56	10.65	2.66	13.31	1	740
	a) 45 cm size cubic pits	No's	56	309.57	77.39	386.96	100	215
02.00	nursery site to plantation site including loading on unloading - b) upto 5 Km lead (15X30 cm (6"X12")bag		FC	217.60	0.00	217.60	100	121
02.09.08	plants) 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	I	56	217.00				125
	cm (6"X12")bag plants)		56	194.46	48.62	243.08	100	135
	points on head loads - b) 15X30 cm (6"X12")bag plants				129.02	645.11	100	358
	Planting in 45 cm size cubic pit Pit Inter-ploughing (during September) the effective		56 1	516.09 2536.18			1	3170
	Inter-ploughing (during September) 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.						100	2660
	Weeding and saucer formation to a radius of 0.50 mtr around the plant in the entire plantation during July /	No's	1111	191.53	47.88			12202
02.11.04	around the plant in the character August 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)	No's	1111	890.24	222.56	1112.80		
02.11.05	m and to a depth of 15 th (to July-Aug) without damaging the plant. (July-Aug)	No's		146.59	36.65			700
02.01.03	species by scitcatific up and a species by scitcatific up and a species by scitcatific up and a species of the		100	6.14	1.54	, 7.68		
02.10.05	slope direction). All stuffings to	ha	0.6	4306.88	1076.72	5383.60)	1 3230
02.10.05	Uprootal of Mahaveera (Hyptis suavences) and taking 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.							

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of protection: (b) For unfenced area: One Casual use of protection: (b) For unfenced area: One Casual use of protection: (b) For unfenced area: One Casual bour is allowed for plantation more than 10.00 ha but pour is allowed for plantation more Casual labour is than 20.00 ha and one more Casual labour is permitted for multiples of 20.00 ha Rs.8757 per month - apths	pers on per	1	10846.93	0.00	10846.93	На	6508
Unit Rate for 2023 - 24	mon th						
10% escalation every year							32304
				١	-		

Forest Range Officer W.L.M. ALLAPALLY

Forest Divisional Officer, Kinnerasani WLM Division, Paloncha.



í.			Unit Rate	e per Ha				
	5				As pe	er FSR		
rode	Item of work	Unit	Quantity	Rate (Rs.)	Agency allowen ce 25% (Rs)	Total (Rs.)	Per	Amount (Rs.)
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
02.11.00	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done	No's	1111	146.59	36.6475	183.24	100	2036
03.05.01	during July - Aug) Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate	Rmt	100	717.56	179.39	896.95	100	897
02.11.06	cost - 0.60 times 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	pers on		10846.93	0.00	10846.93	1	3254
	Unit Rate for 2023 - 24							18550
	10% escalation every year 2					ho		

Forest Range Officer W.L.M. ALLAPALLY

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

			Unit Rate	e per Ha				
	der.				As p	er FSR		
	Item of work		Quantity	Rate (Rs.)	Agency allowence 25% (Rs)	Total (Rs.)	Per	Amount (Rs.)
	$L^{1/L^{04}}$ 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)		1111	890.24	222.56	1112.80	100	12363
02.1	1.05 Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done	No's	1111	146.59	36.6475	183.24	100	2036
03.05	during July - Aug) 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 10% escalation every year				X	16-		15296

Forest Range Officer W.L.M. ALLAPALLY

Forest Divisional Officer, Kinnerasani WLM Division, Paloncha.



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

<u>.</u>		Unit Rate	e per Ha				
6				As per	FSR		(Bc)
Item of work	Unit	Quantit y	Rate (Rs.)	Agency allowence 25% (Rs)	Total (Rs.)	Per	Amount (Rs.)
 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		1111	890.24	222.56	1112.80	100	12363
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 13260
Unit Rate for 2023 - 24					6.		

10% escalation every year

Forest Range Officer W.L.M. ALLAPALLY

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

	5		Unit Rate	e per Ha				
					As	per FSR		
ndte	Item of work	Unit	Quantity	Rate (Rs.)	Agency allowen ce 25% (Rs)	Total (Rs.)	Per	Amount (Rs.)
11.05	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done	No's	1111	146.59	36.6475	183.24	100	2036
03.05.01	during July - Aug) Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning -		100	717.56	179.39	896.95	100	897
	propotionate cost - 0.60 times							2933
	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 7th Year Maintenance of NTSH Plantation (3m X 3m) SMM per Ha

			Unit Rat	te per Ha				
					As per	FSR		(0-)
	Item of work	Unit	Quantit Y	Rate (Rs.)	Agency allowence 25% (Rs)	Total (Rs.)	Per	Amount (Rs.)
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		1111	890.24	222.56	1112.80	100	897
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times Unit Rate for 2023 - 24	Rmt	100	717.56	179.39	896.95	100	13260
	10% escalation every year					YO_		

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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

					As p	er FSR		
	Item of work	Unit	Quantity	Rate (Rs.)	Agency allowence 25% (Rs)	Total (Rs.)	Per	Amount (Rs.)
	Pruning of lower branch initials of Timber and NTFP	No's	1111	146.59	36.6475	183.24	100	2036
1	species by science in the second							
	during July - Aug) Maintenance of fire lines (5.00 mtr width) including	Rmt	100	717.56	179.39	896.95	100	897
03.05.00	cutting back of rank growth and burning -							
	propotionate cost - 0.60 times					r		2933
\vdash	Unit Rate for 2023 - 24							

10% escalation every year

Fores Range Officer W.L.M. ALLAPALLY

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

CY OF			Unit Rat	e per Ha				
and a					As	per FSR		
≰R Code	Item of work	Unit	Quantity	Rate (Rs.)	Agency allowence 25% (Rs)	Total (Rs.)	Per	Amount (Rs.)
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		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 -	Rmt	100	717.56	179.39	896.95	100	897
	propotionate cost - 0.60 times Unit Rate for 2023 - 24					~		13260

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

			Unit Rate	per Ha				
antifice .					As pe	rFSR		Amount
/SR Code	Item of work	Unit	Quantity	Rate (Rs.)	Agency allowence 25% (Rs)	Total (Rs.)	Per	(Rs.)
02.11.05	Pruning of flower branch initials of Timber and NTFP		1111	146.59	36.648	183.24	100	2036
	species by scicature upto 1/3 rd height (to be done during July - Aug)						100	89
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning -	Rmt	100	717.56	179.390	896.95	100	057
	propotionate cost - 0.60 times				100			2933
	Unit Rate for 2023 - 24							

10% escalation every year

Forest Range Officer W.L.M. ALLAPALLY

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