

PART-IV

Diversion of 3.76 ha of forest land for providing road from Nanda - Pagulachennuru road at 7/6 Km to Kodama in Salur (M), Vizianagaram in favour of EE, PR (PIU), Vizianagaram.

17	Detailed opinion and specific recommendations of the State Forest Department for acceptance or otherwise of the proposal with remarks (while giving opinion, the adverse comments made by concerned Conservator of Forests or Deputy Conservator of Forests should be categorically reviewed and critically commented upon)	Recommended.
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Date: 12.02.2022

Place : Guntur

Signature

Name:

Office Seal:


N. Prateep Kumar, IFS.,
Principal Chief Conservator of Forests &
Head of Forest Force,
Andhra Pradesh, Guntur

I/536215/2022

GOVERNMENT OF ANDHRA PRADESH
FOREST DEPARTMENT

From
Sri N. Prateep Kumar, I.F.S.,
Prl. Chief Conservator of Forests &
Head of Forest Force,
Andhra Pradesh,
Guntur -522004.

To
The Secretary to Government,
Environment, Forests, Science
and Technology Department,
Andhra Pradesh Secretariat,
Velagapudi, Guntur district.

Rc.no.EFS02-15034/52/2020/FCA SEC-PCCF/FCA-3, dated:12/02/2022.

Sir,

Sub: APFD - F(C)Act, 1980 - Diversion of 3.76 ha of forest land for providing
- road from Nanda - Pagulachennuru road at 7/6 Km to Kodama in Salur (M),
Vizianagaram in favour of EE, PR (PIU), Vizianagaram - Submission of
proposal under F(C) Act, 1980 - Clearance under Section-2 of F(C)Act,
1980- Requested - Reg.

Ref: 1. Online proposal no. FP/AP/ROAD/141723/2021, dated:
- 23.04.2021.
2. PCCF & HoFF, A.P, Guntur Rc. no. EFS02-15034/52/2020/FCA SEC-
PCCF/FCA-3, dated:28.04.2021.
3. CCF, Visakhapatnam Rc. no.3723/2021/TO, dated: 03.02.2022

* * *

It is to inform that, the Executive Engineer, Panchayat Raj(PIU) Division,
Vizianagaram in the reference 1st cited has uploaded the proposal in PARIVESH
portal for diversion of 3.76 ha of forest land for providing road from Nanda -
Pagulachennuru road at 7/6 Km to Kodama in Salur (M), Vizianagaram in favour
of EE, PR (PIU), Vizianagaram.

Accordingly, the Chief Conservator of Forests, Visakhapatnam Circle,
Visakhapatnam in the reference 3rd cited has submitted the proposal for
diversion of 3.76 ha of forest land for providing road from Nanda -
Pagulachennuru road at 7/6 Km to Kodama in Salur (M), Vizianagaram in favour
of EE, PR (PIU), Vizianagaram and processed under Forest (Conservation) Act,
1980.

The User Agency has furnished the following information in Part-I.

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- Forest area to an extent of 3.76 ha is required in Duggeru Beat, Saluru Range, Vizianagaram Division for providing BT to the road from Nanda to Pagulachennuru road at 7/6 km to Kodama(via) Chora in favour of Executive Engineer, PR(PIU) Division, Vizianagaram under Forest (Conservation) Act, 1980.
- The road work sanctioned / approved by Ministry of Rural Development in PMGSY RCPLWE grant.
- Cost of the project is mentioned as ₹1132.56 lakh.
- The User Agency has justified that, the villagers of Chora, Kodama will reach the mandal head quarters Saluru with shortest path by providing this road. The existing road passes through Reserve Forest in various reaches in the road from 0/0 to 5/500 km. This is the only shortest route for the people of above habitations. The buses and commercial vehicles are not plying on this road due to improper geometry and various streams crossing the road. The people are facing lot of problems to meet their needs of Education, Health and Transportation of Agricultural and forest produces etc., Hence, the road is proposed to upgrade the existing BT surface, so as to make the road traffic worthy.
- The user agency has furnished undertakings for payment of NPV, Addl. NPV, CA, tree extraction charges etc.
- The area proposed for diversion is 3.76 ha. Hence Cost benefit analysis does not arise.
- No human displacement is involved due to construction of this road.
- No loss of public facilities involved in this project.
- Employment likely to be generated is directly by creating 62888 man days for a period of one year and also indirectly, the nearby habitants are benefited.
- The user agency has stated that, clearance under Environment (Protection) Act, 1986 is not required.

The District Forest Officer, Vizianagaram has submitted the following information in Part-II.

- Forest land to an extent of 3.76 ha is required in compartment no.435,436 & 437 of Duggeru beat, Makkuva Section, Saluru Section/ Range, Vizianagaram Division for providing BT to the road from Nanda - Pagulachennuru road at 7/6 km to Kodama via Chora village in favour of Executive Engineer, PR(PIU), Vizianagaram.
- Legal status of the forest is Duggeru RF notified U/s 15 of A.P. Forest Act, 1967.
- The density of the vegetation is Tropical Dry Deciduous Forest Quality -III with Crown density about 0.4.
- 57 no. of miscellaneous trees and 900 Bamboos are existing along the proposed road width and the value of the trees is ₹1,52,491/-
- There is less vulnerability of the Forest area to erosion, as the area is having plain to gentle slope.
- The proposed road is passing in the Midst of Nanda Reserved forest area.
- The proposed area does not fall as part of National Park/ Wildlife sanctuary/ Biosphere reserve.
- No rare/ endangered/ unique species of flora and fauna found in the area.
- No protected archaeological heritage sites / defense establishment or any other important monument is located in the area.
- The requirement of forest land proposed by the user agency is un-

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avoidable and barest minimum for the project.

- The user agency has not violated the provisions of Forest (Conservation) Act, 1980.

The Location map in (S.I) Sheet in 1:50,000 scale, authenticated DGPS maps are furnished.

The District Forest Officer, Vizianagaram has inspected the area proposed for diversion on **01.07.2021**. Site inspection report of the District Forest Officer, Vizianagaram is enclosed herewith.

Accordingly, in column no. 13 of Part -II, the District Forest Officer, Vizianagaram has **"Recommended"** the proposal, as there is no loss to Flora and Fauna and also the providing of BT to the road is essential to connect the interior places for facilitating, conveyance to the local Tribals without much disturbance to the Environment.

Further as per para 2.3 of Chapter-2 of Comprehensive guidelines issued by the Government of India, MoEF &CC, New Delhi in F. No. 5-2/2017, FC, dated: 28.03.2019, the Executive Engineer, Panchayat Raj (PIU) Division, Vizianagaram has identified non-forest land for CA purpose over an extent of 32.23 ha in Gottivalasa (V), Garugubilli (Mandal) of Vizianagaram district for the following (9) road proposals which includes the present proposal, in Sy.no.279 of Gottivalasa (V), Garugubilli (M), Vizianagaram **for CA purpose to have single patch to enable the Forest Department to effectively manage the newly planted area.**

Sl.no.	Name of Road Proposal	Forest area proposed for diversion in ha	CA land identified in Sy. no. 279 of Gottivalasa (V), Garugubilli (M), Vizianagaram as single patch in ha.
1	Neelamvalasa - Gummiguda	1.12	1.16
2	Kuntam road to Thummiguda	1.10	1.16
3	Roddavalasa - Kanakanapalli	1.24	1.24
4	NH-26 at 474/6 km to Karadavalasa	4.71	4.72
5	Azuru - Pandirimamidivalasa	2.47	2.51
6	Vetaganivalasa to Araku	6.48	6.51
7	Nanda-Paguluchennur to Kodama	3.76	3.76
8	Diguvasembi to Thonam	3.66	3.69
9	Savarapadu to Kondakoneru	7.41	7.48
	Total:	31.95	32.23

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As per para 2.8 of Chapter -2 of Comprehensive guidelines issued by the Government of India, MoEF &CC, New Delhi in F.No. 5-2/2017, FC, dated: 28.03.2019, the District Forest Officer, Vizianagaram has prepared CA scheme to an extent of 3.76 ha for raising Compensatory Afforestation with a financial outlay of ₹16.768 lakh for a period of 12 years commencement from 2022-23 to 2033-34 with 10 years of maintenance.

The District Forest Officer, Vizianagaram has inspected the area proposed for CA on 02.11.2021 and stated that, the land identified for CA is suitable for Afforestation with Teak and miscellaneous species and would require certain SMC structures like CCTs, Peripheral/Water absorption Trench etc. Site inspection report of the District Forest Officer, Vizianagaram and the soil suitability certificate are enclosed herewith.

The Location map in (S.I) Sheet in 1:50,000 scale, authenticated DGPS maps of non-forest land identified for CA are furnished with the proposal.

In part -III, the Chief Conservator of Forests, Visakhapatnam Circle, Visakhapatnam has agreed with the information furnished by the District Forest Officer, Vizianagaram and **Recommended** the proposal for diversion of 3.76 ha of forest land in compartment no.435, 436 & 437 of Duggeru beat, Makkuva Section, Saluru Range, Vizianagaram Division for providing BT to the road from Nanda-Pagulachennuru road at 7/6 km to Kodama via Chora village.

As per Government of India, MoEF & CC, New Delhi F. no. 5-2/2017-FC, Dt. 28.03.2019, under RoFR Act, 2006, the user agency has uploaded the RoFR Certificate issued by the District Collector, Vizianagaram District in the prescribed format for evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and other Traditional Forest Dwellers (RoFR) Act, 2006.

Further, it is to submit that as per the guidelines issued by the Gol, MoEF, New Delhi this proposal has been uploaded in the Ministry's web portal (www.parivesh.nic.in) & a unique proposal number no. **FP/AP/ROAD/141723/2021** has been generated for this proposal. A copy of the Acknowledgment slip generated by the Ministry's web portal is enclosed herewith.

The Chief Conservator of Forests, Visakhapatnam Circle, Visakhapatnam and the District Forest Officer, Vizianagaram have recommended the proposal for diversion of 3.76 ha of forest land in compartment no.435, 436 & 437 of Duggeru beat, Makkuva Section, Saluru Range, Vizianagaram Division for providing BT to the road from Nanda-Pagulachennuru road at 7/6 km to Kodama via Chora village.

Further, it is to submit that the detailed CA scheme was uploaded online at the Nodal officer level. The revised NPV rates communicated in Gol, MoEF & CC (FC division) File No.5-3/2011-FC(Vol-I) dt. 06.01.2022 has to be applied for NPV for the subject proposal.

In view of the above, the statutory proposal along with necessary enclosures in (2) sets, for diversion of 3.76 ha of forest land in compartment no.435, 436 & 437 of Duggeru beat, Makkuva Section, Saluru Range, Vizianagaram Division for providing BT to the road from Nanda-Pagulachennuru road at 7/6 km to Kodama via Chora village duly recommended in Part-IV, subject to the conditions stipulated in Gol, MoEF&CC, New Delhi in F. no.5-2/2017 (FC

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Division) Dt. 28.03.2019 is submitted herewith.

Government are requested to take necessary action for onward submission of the proposal to the Government of India, MoEF & CC, IRO, Vijayawada to accord forest clearance under Section-2 of Forest (Conservation) Act, 1980 and amendments therein.

Encl:- (2) sets of proposals

Yours faithfully,
N Prateep Kumar Ifs
Prl. Chief Conservator of Forests &
Head of Forest Force

Copy to the Chief Conservator of Forests, Visakhapatnam Circle, Visakhapatnam for information and necessary action.

Copy to the District Forest Officer, Vizianagaram for information and necessary action.

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

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

PART-IV

17	Detailed opinion and specific recommendations of the State Forest Department for acceptance or otherwise of the proposal with remarks (while giving opinion, the adverse comments made by concerned Conservator of Forests or Deputy Conservator of Forests should be categorically reviewed and critically commented upon)	Recommended.
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Date:12/02/2022

Signature:

Place: Guntur

Name:N Prateep Kumar Ifs

Office Seal:Principal Chief Conservator Of Forests

Signed by N Prateep Kumar

Ifs

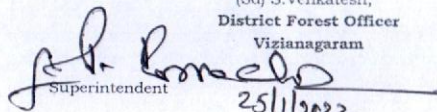
Date: 12-02-2022 17:47:41

Reason: Approved

**COMPENSATORY AFFORESTATION SCHEME FOR DIVERSION OF 3.76 ha. OF FOREST LAND
FOR THE FORMATION OF ROAD PROPOSAL BY EXECUTIVE ENGINEER (P.R. PIU) FROM NANDA-PAGULACHENNURU TO KODAMA
AT SY.NO.279 OF GOTTHIVALASA VILLAGE, GARUGUBILLI MANDAL, VIZIANAGARAM DISTRICT**

Sl. No.	Activity	Unit	2022-23		2023-24		2024-25		2025-26		2026-27		2027-28		2028-29		2029-30		2030-31		2031-32		2032-33		2033-34		Total	
			Phy.	Fin. (Rs. In lacs)	Phy.	Fin. (Rs. In lacs)	Phy.	Fin. (Rs. In lacs)	Phy.	Fin. (Rs. In lacs)	Phy.	Fin. (Rs. In lacs)	Phy.	Fin. (Rs. In lacs)	Phy.	Fin. (Rs. In lacs)	Phy.	Fin. (Rs. In lacs)	Phy.	Fin. (Rs. In lacs)	Phy.	Fin. (Rs. In lacs)	Phy.	Fin. (Rs. In lacs)	Phy.	Fin. (Rs. In lacs)	Phy.	Fin. (Rs. In lacs)
1	Raising of bag nursery	Numbers	4000	1.360	1000	0.380	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5000	1.740
2	Raising of Teak beds	Numbers	6.00	0.315	1.50	0.085	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.50	0.400
3	Advance operations	Hectares	3.76	1.034		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.76	1.034
4	Raising of plantation	Hectares			3.76	1.137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.76	1.137
5	1st year maint. of plantations	Hectares	0	0	0	0	3.76	1.051	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.76	1.051
6	2nd year maint. of plantations	Hectares	0	0	0	0			3.76	0.688	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.76	0.688
7	3rd year maint. of plantations	Hectares	0	0	0	0			0	0	3.76	0.666	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.76	0.666
8	4th year maint. of plantations	Hectares	0	0	0	0			0	0	0	0	3.76	0.633	0	0	0	0	0	0	0	0	0	0	0	0	3.76	0.633
9	5th year maint. of plantations	Hectares	0	0	0	0			0	0	0	0	0	0	3.76	0.696	0	0	0	0	0	0	0	0	0	0	3.76	0.696
10	6th year maint. of plantations	Hectares	0	0	0	0			0	0	0	0	0	0	0	0	3.76	0.766	0	0	0	0	0	0	0	0	3.76	0.766
11	7th year maint. of plantations	Hectares	0	0	0	0			0	0	0	0	0	0	0	0	0	0	3.76	0.842	0	0	0	0	0	0	3.76	0.842
12	8th year maint. of plantations	Hectares	0	0	0	0			0	0	0	0	0	0	0	0	0	0	0	0	3.76	0.927	0	0	0	0	3.76	0.927
13	9th year maint. of plantations	Hectares	0	0	0	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.76	0.9655	0	0	3.76	0.965
14	10th year maint. of plantations	Hectares	0	0	0	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.76	1.062	3.76	1.062
Sub total :				2.709		1.602		1.051		0.688		0.666		0.633		0.696		0.766		0.842		0.927		0.965		1.062		12.608
Support activities																												
13	SMC (15%)			0.406		0.240		0.158		0.103		0.100		0.095		0.104		0.115		0.126		0.139		0.14		0.16		1.891
14	M & E (2%)			0.054		0.032		0.021		0.014		0.013		0.013		0.014		0.015		0.017		0.019		0.02		0.02		0.252
15	Awareness (1%)			0.027		0.016		0.011		0.007		0.007		0.006		0.007		0.008		0.008		0.009		0.01		0.01		0.126
16	Overhead (10%)			0.271		0.160		0.105		0.069		0.067		0.063		0.070		0.077		0.084		0.093		0.10		0.11		1.261
17	Training & capacity building (5%)			0.135		0.080		0.053		0.034		0.033		0.032		0.035		0.038		0.042		0.046		0.05		0.05		0.630
Sub total :				0.894		0.529		0.347		0.227		0.220		0.209		0.230		0.253		0.278		0.306		0.32		0.35		4.160
Grand total :				3.603		2.131		1.398		0.915		0.886		0.842		0.926		1.019		1.120		1.233		1.28		1.41		16.768

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

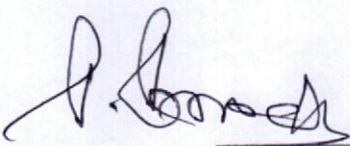
(Sd) S.Venkatesh,
District Forest Officer
Vizianagaram

Superintendent
25/1/2022

UNIT COST FOR RAISING OF 50,000 5"x 9" MISC., BAG PLANTS NURSERY DURING 2021-22

Sl. no.	Qty	Unit	Item of Work	FSR Item no.	Rate	Per	Amount (Rs.)
			PRIMARY BEDS (@ 2,000seedlings per bed)				
1	25	nos	Preparation of new site (10x1x0.3M)	02-07-01	63.60	Bed	1590
2	75	cum	Digging soil to a depth of 30cm (10mx 1 x 0.3= 3.0x25 beds = 75cum)	RSSR -6(a)	139.55	cum	10466
3	31.25	cum	Cost of sandy soil 50% dugged quantity and transportation taken from private lands with 5Kms leads (1.25cum ber 10mt bed) (25beds x - 1.25cum= 31.25cum) (Rs.90+25 A.P. Govt. Rate for 1Tonne = Rs.115/- 0.693Kgs = Rs.165.95 per cum)	02-07-04/ AP Govt. Sand Rates	165.95	cum	5186
4	6.25	cum	Cost and transport of FYM 0.25cum per bed (Rs.6492.25/200/0.06 =Rs.541.00 in FSR Item no. 04-43-05)	02-07-05 /04-43-05	541.00	cum	3381
5	25	nos	Preparation of soil mixture of Red Earth, Sand and FYM in 5:1 proportion and formation of bed by refilling the excavated portion of the bed and filling of bed	02-07-06	131.70	Bed	3293
6	25	nos	Cost of misc., seeds	02-07-07	200.00	bed	5000
7	25	nos	Sowing of seed on the bed and covering with hay etc.,	02-07-08	149.90	Bed	3748
8	50	nos	Watering the beds daily twice from the date of sowing (including weeding once in ten days) (2Months)	02-07-09	168.00	Bed/ Month	8400
9	50	nos	Ground Rent to the Private Nursery site for 2months	02-22-03	51.26	Bed/ Month	2563

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

Sd/- S.Venkatesh,
District Forest Officer,
Vizianagaram.


Superintendent 25/1/2022

			BAG PLANTS NURSERY				
1	50000	nos	Site preparation for new sites - Clearing of growth, uprootal of stumps and removal of surface stones, rubbish of all sorts etc.,	02-08-01	37.79	1000 no	1890
2	145	Kgs	Cost of Polythene Bags	Tenders Rate	172.64	kg	25033
3	50000	nos	Cost and transport of ingredients for potting mixtures Red soil, sand, tank silt/clay, FYM/Vermicompost in 2:1:1:1 ratio (10 cm x 17.5 cm (5"x9") 1.12 cum	02-08-03	419.50	1000 no	20975
4	50000	nos	Preparation of potting mixture Red Soil, Sand, tanksilt/Clay, FYM/Vermicompost in 2:1:1:1 ratio (10cm x 17.5cm (1700nos 5" x9" bags) 1.12 cum	02-08-09	847.08	1000 no	42354
5	50000	nos	Pricking out seedlings from primary beds & transplanting in to bags	02-08-14	170.77	1000 no	8539
6	150000	nos	Watering to the bag plants twice a day for 10m x 1m size bed (1700nos 5" x9" bags) -3months	02-08-18	185.68	1000 no/ month	27852
7	50000	nos	Weeding for raising of polypot bag nursery for NTSH Species - 1 Weeding	02-08-21 (a)	35.78	1000 no/ 1time	1789
8	50000	nos	Shifting and grading and re-arranging in beds for 10m x 1m size bed (1700nos 5" x9" bags) -for 1 shift	02-08-23(a)	150.42	1000 no/ 1 shift	7521
9	50000	nos	Cost of chemicals, insecticides, Pesticides etc.,	02-08-24	100	1000	5000
10	150000	nos	Ground Rent to the Private Nursery site for 3months	02-22-03	30.15	1000nos / month	4523
11	200	Rmt	Bio-Fencing/ Brushwood for Nurseries including collection, transportation and fixing at site	RSSR-21 (a)	29.54	Rmt	5908
12	3	nos	Cost of Protection (one watcher is allowed upto 100 beds @ Rs.315/- day for 26 days) 3.5 months	02-09-17	8190	1No/ Month	24570
13			Contingencies such as maintenance of oil Engine, Vermicompost, Cow dung slurry, Sector Boards etc.,		L.S.		20421
			TOTAL				240000
							240000

Unit cost for 1no (Rs.2,40,000/ 50,000nos = Rs.4.80/1no

(Sd) S.Venkatesh,
District Forest Officer
Vizianagaram

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

[Signature]
Superintendent 28/1/2022

UNIT COST FOR RAISING OF 10,000 8"x12" TALL PLANTS NURSERY DURING 2021-22

Sl. no.	Qty	Unit	Item of Work	FSR Item no.	Rate	Per	Amount (Rs.)
			BAG PLANTS NURSERY				
1	10000	nos	Site preparation for new sites - Clearing of growth, uprootal of stumps and removal of surface stones, rubbish of all sorts etc.,	02-08-01	80.31	1000 no	803
2	117	Kgs	Cost of Polythene Bags	Tenders Rate	172.64	kg	20199
3	10000	nos	Cost and transport of ingredients for potting mixtures Red soil, sand, tank silt/clay, FYM/Vermicompost in 2:1:1:1 ratio 3.26 cum	02-08-07	1220.27	1000 no	12203
4	10000	nos	Preparation of potting mixture Red Soil, Sand, tanksilt/Clay, FYM/Vermicompost in 2:1:1:1 ratio Conversion from root trainers / 4" x 7" and 5" x 9" bags to 8" X 12".	02-08-12	2928.55	1000 no	29286
5	10000	nos	Raising cost of 5"x9" bag seedling	As per Data	4.80	1No/ Month	48000
6	50000	nos	Watering to the bag plants twice a day for 10m x 1m size bed -5months	02-08-20	493.22	1000 no/ month	24661
7	10000	nos	Weeding for raising of polypot bag nursery for NTSH Species - 1 Weeding	02-08-21(c)	76.04	1000 no/ 1time	760
8	10000	nos	Shifting and grading and re-arranging in beds for 10m x 1m size bed -for 1 shift	02-08-23 (.c)	319.66	1000 no/ 1 shift	3197
9	10000	nos	Cost of chemicals, insecticides, Pesticides etc.,	02-08-24	500	1000	5000
10	10000	nos	Application of Pesticides for bag nurseries	02-08-25	5.52	1000	55
11	50000	nos	Ground Rent to the Private Nursery site for 5months	02-22-03	64.07	1000nos / month	3204
12	200	Rmt	Bio-Fencing/ Brushwood for Nurseries including collection, transportation and fixing at site	RSSR-21 (a)	29.54	Rmt	5908
13	5	nos	Cost of Protection (one watcher is allowed upto 100 beds @ Rs.315/- day for 26 days) 5 months	02-09-17	8190	1No/ Month	40950
14	10000		Contingencies such as maintenance of oil Engine, Vermicompost, Cow dung slurry, Sector Boards etc.,		L.S.		18775
			TOTAL				213000
			Add: 10% FSR hike				21000
							234000

Rs.2,34,000/ 10000nos = Rs. 23.40/1 no

(Sd) S.Venkatesh,
District Forest Officer
Vizianagaram.

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

[Signature]
Superintendent 25/1/2022

UNIT COST FOR MAINTENANCE OF 10,000 TALL PLANTS NURSERY IN 8"x 12" (APRIL TO JULY)

Sl. no.	Qty	nos	Item of Work	FSR Item no.	Rate	Per	Amount (Rs.)
1	40000	nos	Watering to the bag plants twice a day for 10m x 1m size bed) 4Months	02-09-04	493.22	1000 no/ month	19729
2	40000	nos	Weeding for raising of polypot bag nursery for NTSH Species - 4 Weedings	02-09-05 (c.)	76.04	1000 no/ 1time	3042
3	20000	nos	Shifting and grading and re-arranging in beds for 10m x 1m size bed -for 2 shifts	02-09-06 (c.)	319.66	1000 no/ 1 shift	6393
4	40000	nos	Ground Rent to the Private Nursery site for 4months	02-22-03	64.07	1000nos / month	2563
5	4	nos	Cost of Protection (one watcher is allowed upto 100 beds @ Rs.315/- day for 26 days) 4 months	02-09-17	8190	1No/ Month	32760
6	10,000 nos		Contingencies such as maintenance of oil Engine, Vermicompost, Cow dung slurry, Sector Boards etc.,		L.S.		5514
			TOTAL				70000
			Add: FSR Hike				7000
			TOTAL				77000

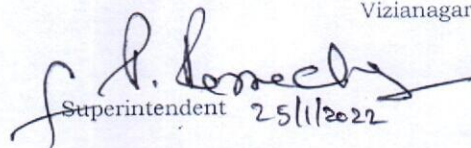
Unit cost for 1no (Rs.77,000/ 10,000nos = Rs.7.70/ 1no

ABSTRACT

1		Raising cost of 8"x12 Bag Nursery including primary and 5"x9" bag plant nursery	23.40	1no
2		Maintenance cost of 8"x12" Bag Nursery	7.70	1no
		TOTAL	31.10	
		Add 10% on FSR 2021-22	3.11	
		Unit rate for each seedling	34.21	

(Sd) S.Venkatesh,
District Forest Officer
Vizianagaram

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


Superintendent 25/1/2022

RAISING OF TEAK BED NURSERY IN 2022-23

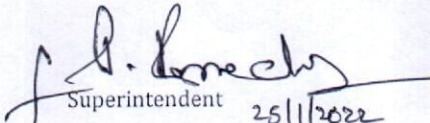
(25)

Advance year:

Unit : one bed

Sl. no	Description of work	2021-22 F.S.R. Item No.	Qty.	Rate	Per	Amount
1	2	3	4	5	6	7
1	Preparation of site by clearing growth of unwnated species, uprootal of stumps and removal of surface stones etc.	02-01-01	1 bed	6359.05	100 beds	63.59
2	Tractor ploughing two times in cris cross direction and levelling the site.	02-01-03	1bed	1447.10	100 beds	14.47
3	Alignment and formation of bed to a hight of 25 cm by dumping the soil from the gap portion in between the beds and from margins of the nursery and levelling the bed.	02-01-04	1bed	12136.50	100 beds	121.37
4	Curbing the beds all around with cement bricks	02-01-05	1bed	Actuals	Bed	500.00
5	Ground rent to the private nursery site	02-22-02	1 bed	26.35	Bed / Month	105.40
6	Cost/Collection of Teak seed @ 5Kgs/bed including transportation	02-02-01	1bed	451.32	Bed./ 5 kgs	451.32
7	Contengencies such as unforeseen expenditure like cost of pipes, rose cans etc.	Non-FSR	1.00	L.S.,		143.85
					Sub total :	1400.00
	10% extra on the rates of FSR 2021-22					140.00
	Total for one bed					1540.00

././ t.c.b.o. ./


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(Sd) S.Venkatesh,
 District Forest Officer
 Vizianagaram

RAISING OF TEAK BED NURSERY IN 2022-23

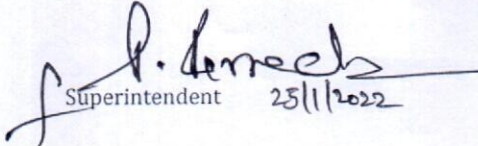
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Advance year:

Unit : one bed

Sl. no	Description of work	2021-22 F.S.R. Item No.	Qty.	Rate	Per	Amount
1	2	3	4	5	6	7
1	Preparation of site by clearing growth of unwnated species, uprootal of stumps and removal of surface stones etc.	02-01-01	1 bed	6359.05	100 beds	63.59
2	Tractor ploughing two times in cris cross direction and levelling the site.	02-01-03	1bed	1447.10	100 beds	14.47
3	Alignment and formation of bed to a hight of 25 cm by dumping the soil from the gap portion in between the beds and from margins of the nursery and levelling the bed.	02-01-04	1bed	12136.50	100 beds	121.37
4	Curbing the beds all around with cement bricks	02-01-05	1bed	Actuals	Bed	500.00
5	Ground rent to the private nursery site	02-22-02	1 bed	26.35	Bed / Month	105.40
6	Cost/Collection of Teak seed @ 5Kgs/bed including transportation	02-02-01	1bed	451.32	Bed./ 5 kgs	451.32
7	Contengencies such as unforeseen expenditure like cost of pipes, rosecans etc.	Non-FSR	1.00	L.S.,		143.85
					Sub total :	1400.00
	10% extra on the rates of FSR 2021-22					140.00
	Total for one bed					1540.00

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(Sd) S.Venkatesh,
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Vizianagaram

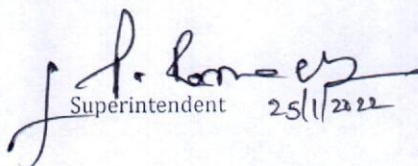
RAISING AND MAINTENANCE OF TEAK BED NURSERY DURING 2022-23

(29)

Unit : one bed

Sl. no	Description of work	2021-22 F.S.R. Item No.	Qty.	Rate	Per	Amount
1	2	3	4	5	6	7
1	Pretreatment of teak seed by spreading on ground, alternate wetting and drying for a period of 20 to 30 days or till the outer coat becomes soft and beating with wooden mallet to remove the seed coat until the ridges on the seed are visible	02-02-02	1bed	3066.78	100 Beds	30.67
2	Ground rent to the private nursery site	02-22-01	1 bed	26.35	Bed / Month	316.20
3	Cost of thimmet	02.02.09	1bed	Actuals	1 bed	30.00
4	Application of thimmet @ 150 gr. Per bed against grub attack twice	02.02.10	1bed			
	50 gr. At the time of sowing		1bed	2255.94	100 beds	22.56
5	Sowing of treated teak seed in lines of 10 cms apart at a depth equal to thickness of seed along the width of the bed and covering the seed with their layer of earth and further covering with hay to 2.5 cm. thickness.	02-02-03	1bed	4016.47	100 Beds	40.16
6	Cost of hay and conveyance to nursery site.	02-02-04	1bed	3907.11	100 Beds	39.07
7	Watering the beds during non-rainy day as per the following schedule. (Maximum 56 Waterings during raising and maintenance year.)					
8	i) For first 20 days after sowing once every day 20 waterings (From 1st May to 20th May))	02-02-05(i)	1bed	18441.23	20 waterings /100 Beds	184.41
9	ii) Next 20 days once in every 2 days 10 waterings (From 21st May to 10th June)	02-02-05(ii)	1bed	9220.60	10 Waterings/ 100 Beds	92.21
10	iii) Upto December(non rainy days) (From 11th June to 31st December) - limited to 20 waterings.	02-02-05(iii)	1bed	18441.23	20 Watering /100 Beds	184.41
12	Keeping the beds free from weeds by weeding out the grass and other miscellaneous weed growth. (Weedings @ 1 weeding per month)	02-02-06	1bed	20799.70	100 Beds / 12 weedings	208.00
11	iv) Upto March once in 15 days - 2 waterings/month. (From 1st January to 31st March)	02-02-05 (iv)	1bed	5532.36	6 waterings / 100 Beds	55.32
13	Deleafing of woelf plants 4 times as and when necessary	02-02-11	1bed	1853.22	100 Beds	18.53
14	Watch and ward for nursery	08-06-02	1 Nos. /	9100.00	Month	910.00
15	Contengencies such as unforeseen expenditure like cost of pipes, rosecans etc.	Non-FSR	1.00	LS	LS	668.45
					Sub total :	2800.00
	10% extra on the rates of FSR 2021-22					280.00
	Total for one bed					3080.00

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


Superintendent 25/1/22

(Sd) S.Venkatesh,
District Forest Officer
Vizianagaram

Maintenance of Teak nursery beds for 2022 planting season

Unit : per 100 beds

Sl. No.	Quantity	Description of work	2021-22 F.S.R. Item No.	Rate	Per	Amount
1	2	3	4	5	6	7
1	100 beds	Watering the beds from April to July as follows April 4 waterings, May 4 waterings, June 4 waterings and July 2 watering Total 14 waterings.	02-03-01	12908.86	100 beds / 14 waterings	12908.86
2	100 beds	Application of insecticides / pesticides to control insect / pest diseases for each application	02-03-02	442.85	100 beds	442.85
3	100 beds	Cost of insecticides	02-03-03	As per actuals		5000.00
4	100 beds	Watch and ward for protection of beds	02-03-04	9100.00	100 beds / 4 months	27300.00
5	4 months	Ground rent to the private nursery site 12 months	02-22-02	26.35	Bed	10540.00
6	LS	Contingencies such as cost and supply of chemicals	LS	LS	LS	1808.29
		Total:				58000.00
		10% extra on the rates of FSR 2021-22				5800.00
		Total for one bed				63800.00
		Cost of one bed				638.00

(Sd) S.Venkatesh,
District Forest Officer
Vizianagaram

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f. p. Venkatesh
Superintendent 25/1/2022

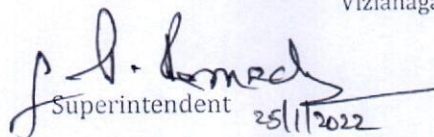
**Advance operations for raising of gap plantation during 2022 season
under labour intensive method @ 1000 plants per hectare
(25% with Teak stumps and 75% with Miscellaneous species)**

Unit : per ha.

Sl. No.	Quantity	Item of work	2021-22 FSR Code	Rate	Per	Amount
1	2	3	4	5	6	7
1	Ha.	Survey the area with GPS	03-01-01	274.80	Ha	274.80
1		Preparation of site clearing and burning				
	1 Ha	Light jungle growth	03-02-03	7244.76	Ha	7244.76
3	1000 Nos.	Alignment and stacking	04-01-03	109.46	100 Nos.	1094.60
4	750 Nos.	Digging of 45 Cms cube pits in hard gravelli soils in sloppy areas of hillocks (0.45x0.45x0.45 = 0.09113 cmt x Rs.250.14/- cmt = Rs.19.23 per pit	04-08-02	19.23	Each	14422.50
5	200 Rmt	Formation and maintenance of inspection paths	08-02-04	149.45	20 Rmt	1494.50
6	L.S	Contingencies		0	LS	744.00
		Total for one hectare				25000
		Add 10% on FSR 2021-22				2500
		Total for one hectare				27500

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Vizianagaram

././ t.c.b.o. ./


Superintendent 25/1/2022

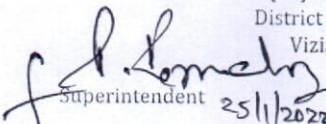
35

Raising of gap plantation under Labour Intensive method during 2023 season including Watch and Ward (25% with Teak stumps and 75% with Misc. species)

Unit : per 1 Ha. / 1000 nos.

Sl. No.	Quantity	Item of work	2021-22 FSR Code	Rate	Per	Amount
1	2	3	4	5	6	7
1	250 Nos.	Preparation of teak stumps	04-02-00	86.24	100 Nos.	215.60
2	250 Nos.	Digging of Crow holes and stump planting	04-10-00	65.16	100 Nos.	162.90
3	50 Nos.	Replacement of casualties 20%	04-13-00			
		a) Digging crow bar holes and stump planting	04-10-00	65.16	100 Nos.	32.58
		b) Preparation of teak stumps	04-02-00	86.24	100 Nos.	43.12
4	250 Nos.	Cost of chemical fertilizers	04-11-01	As per actuals	Ha.	250.00
5	250 Nos.	Application of fertilizers	04-11-02	45.38	100 nos.	113.45
6	900 Nos.	Transporation of bag plants from nursery site to Plantation site (8x12) upto 5 Kms.	04-03-03	343.76	100 Nos.	3093.84
7	900 Nos.	Internal transport of bag plants to planting point on head loads 20 x 30 cms (8x12) bag plants	04-05-03	59.17	100 Nos.	532.53
8	750 Nos.	Cost of chemical fertilizers (50 grams SSP for basal dressing 20 grams DAP after planting for 30 cms & 45 cms nits)	As per actuals	L.S		750.00
9	750 Nos.	Application of fertilizers after planting by making 3 holes of 10 cms depth with drow bar 10 cms away from plant and putting fertilizers and closing.	04-11-02	35.76	100 nos.	268.20
10	750 Nos.	Planting bag plants (45 cms cubic pit)	04-12-00	4.32	Each	3240.00
11	150 Nos.	Replacement of casualties 20% during raising year	04-13-00	15.00	Each	2250.00
	1000 Nos.	Formation of saucer around the plant	04-14-07 (A)	106.31	100 nos	1063.10
12	1000 Nos.	1st circular weeding to a radius of 0.50m around the plant	04-14-03	144.41	100 nos	1444.10
13	Hectare	1st cutting of coppice growth flush to the ground over the enire area including retaining useful species just after planting and placing the cut maerial in between the planting rows	04-16-00	1860.08	Ha.	1860.08
14	1000 Nos.	2nd circular weeding to a radius of 0.50m around the plant in Nov./December.	04-14-06	80.23	100 nos	802.30
15	Hectare	2nd cutting of coppice growth flush to the ground over the enire area including retaining useful species just after planting and placing the cut maerial in between the planting rows	04-16-00	1860.08	Ha.	1860.08
16	1000 Nos.	Soil working toa radious of 50 Cms to a depth of 15 cms around the plant during	04-14-07 (C)	300.38	100 nos	3003.80
17	200 Nos.	Singling of coppice shoot/ multiple shoots by retaining the two vigorously growth coppice shoot under post harvesting	04-16-03	1.07	Each	214.00
18	400 Rmt	Fire tracing operations by clearing all growth flesh to the ground to a width of 3m by scraping control burning	04-17-00	7.71	Rmt	3084.00
19	1 No. / 12 months	Watch and ward for protection of plantation	02-03-04	9100.00	Month	9100.00
20	L.S	Contingencies				1616.32
		Total for one hectare				35000.00
		10% extra on the rates of FSR 2021-22				3500.00
		Total for one hectare				38500.00
		10% extra on the rates of FSR 2022-23				3850.00
		Grand total for one hectare in 2023				42350.00

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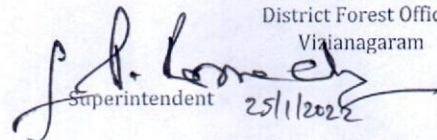
(Sd) S.Venkatesh,
District Forest Officer
Vizianagaram

Superintendent 25/11/2022

Raising of gap plantation under Labour Intensive method during 2023 season without watch and ward (25% with Teak stumps and 75% with Misc. species)

Unit : per 1 Ha. / 1000 nos.

Sl. No.	Quantity	Item of work	2021-22 FSR Code	Rate	Per	Amount
1	2	3	4	5	6	7
1	250 Nos.	Preparation of teak stumps	04-02-00	86.24	100 Nos.	215.60
2	250 Nos.	Digging of Crow holes and stump planting	04-10-00	65.16	100 Nos.	162.90
3	50 Nos.	Replacement of casualties 20%	04-13-00			
		a) Digging crow bar holes and stump planting	04-10-00	65.16	100 Nos.	32.58
		b) Preparation of teak stumps	04-02-00	86.24	100 Nos.	43.12
4	250 Nos.	Cost of chemical fertilizers	04-11-01	As per actuals	Ha.	250.00
5	250 Nos.	Application of fertilizers	04-11-02	45.38	100 nos.	113.45
6	900 Nos.	Transporation of bag plants from nursery site to Plantation site (8x12) upto 5 Kms.	04-03-03	343.76	100 Nos.	3093.84
7	900 Nos.	Internal transport of bag plants to planting point on head loads 20 x 30 cms (8x12) bag plants	04-05-03	59.17	100 Nos.	532.53
8	750 Nos.	Cost of chemical fertilizers (50 grams SSP for basal dressing 20 grams DAP after planting for 30 cms & 45 cms nits)	As per actuals	L.S		750.00
9	750 Nos.	Application of fertilizers after planting by making 3 holes of 10 cms depth with drow bar 10 cms away from plant and putting ferilizers and closing.	04-11-02	35.76	100 nos.	268.20
10	750 Nos.	Planting bag plants (45 cms cubic pit)	04-12-00	4.32	Each	3240.00
11	150 Nos.	Replacement of casualties 20% during raising year	04-13-00	15.00	Each	2250.00
	1000 Nos.	Formation of saucer around the plant	04-14-07 (A)	106.31	100 nos	1063.10
12	1000 Nos.	1st circular weeding to a radius of 0.50m around the plant	04-14-03	144.41	100 nos	1444.10
13	Hectare	1st cutting of coppice growth flush to the ground over the enire area including retaining useful species just after planting and placing the cut maerial in between the planting rows	04-16-00	1860.08	Ha.	1860.08
14	1000 Nos.	2nd circular weeding to a radius of 0.50m around the plant in Nov./December.	04-14-06	80.23	100 nos	802.30
15	Hectare	2nd cutting of coppice growth flush to the ground over the enire area including retaining useful species just after planting and placing the cut maerial in between the planting rows	04-16-00	1860.08	Ha.	1860.08
16	1000 Nos.	Soil working toa raiodius of 50 Cms to a depth of 15 cms around the plant during	04-14-07 (C)	300.38	100 nos	3003.80
17	200 Nos.	Singling of coppice shoot/ multiple shoots by retaining the two vigorously growth coppice shoot under post harvesting	04-16-03	1.07	Each	214.00
18	400 Rmt	Fire tracing operations by clearing all growth flesh to the ground to a width of 3m by scraping control burning	04-17-00	7.71	Rmt	3084.00
19	L.S	Contingencies				716.32
		Total for one hectare				25000.00
		10% extra on the rates of FSR 2021-22				2500.00
		Total for one hectare				27500.00
		10% extra on the rates of FSR 2022-23				2750.00
		Grand total for one hectare in 2023				30250.00

// t.c.b.o. //

(Sd) S.Venkatesh,
District Forest Officer
Vizianagaram

Superintendent 25/11/2023

1st Year Maintenance of plantation under labour intensive method during 2024-25
(including wach and ward)

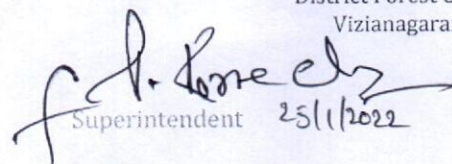
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Unit : per 1 Ha. / 1000 nos.

Sl. No.	Quantity	Item of work	2021-22 FSR Code	Rate	Per	Amount
1	2	3	4	5	6	7
1	70 Nos.	Replacement of casualties 20% (Teak stumps)	04-13-00			
		a) Digging crow bar holes and stump planting		65.16	100 Nos.	45.61
		b) Preparation of teak stumps	04-02-00	86.24	100 Nos.	60.37
2	200 Nos.	Replacement of casualties 25% (Seedlings)	04-23-01 (RSSR 22 A)	15.000	Each	3000.00
3	200 Nos.	Transporation of bag planta from nursery site to Plantation site (8x12) upto 5 Kms.	04-03-04	343.76	100 Nos.	687.52
4	200 Nos.	Internal transport of bag plants to planting point on head loads (8x12) bag plants	04-05-04	229.82	100 Nos.	459.64
5	270 Nos.	Cost of chemical fertilizers	04-11-01	As per actuals	Ha.	270.00
6	270 Nos.	Application of fertilizers	04-11-02	45.38	100 nos.	122.53
7	1000 Nos.	1st circular weeding to a radius of 0.50m around the plant	04-23-06	144.41	100 nos	1444.10
8	Hectare	1st cutting of coppice growth flush to the ground over the enire area including retaining useful species just after planting and placing the cut maerial in between the planting rows	04-16-00	1860.08	Ha.	1860.08
9		2nd circular weeding to a radius of 0.50m around the plant in Nov./December.	04-23-08			
	1000 Nos.	Formation of saucer around the plant	04-23-08 (A)	212.62	Ha.	2126.20
	1000 Nos.	2nd circular weeding to a radius of 0.5 m around the plant	04-23-08 (B)	144.42	Ha.	1444.20
	1000 Nos.	Soil working toa radious of 50 Cms to a depth of 15 cms around the plant during	04-23-08 (c)	401.17	100 nos	4011.70
10	Hectare	2nd cutting of coppice growth flush to the ground over the enire area including retaining useful species just after planting and placing the cut maerial in between the planting rows	04-16-00	1860.08	Ha.	1860.08
11	400 Rmt	Fire tracing operations by clearing all growth flesh to the ground to a width of 3m by scraping	04-17-00	7.71	Rmt	3084.00
12	1 No. / 12 months	Watch and ward for protection of plantation	02-03-04	9100.00	Month	9100.00
13	LS	Contingencies			LS	1423.97
		Total for one hectare				31000.00
		10% extra on the rates of FSR 2021-22				3100.00
		Total for one hectare				34100.00
		10% extra on the rates of FSR 2022-23				3410.00
		Total for one hectare				37510.00
		10% extra on the rates of FSR 2023-24				3751.00
		Total unit rate for one hectare in 2024-25				41260.99

(Sd) S.Venkatesh,
District Forest Officer
Vizianagaram

// t.c.b.o. //


Superintendent 25/1/2022

(41)

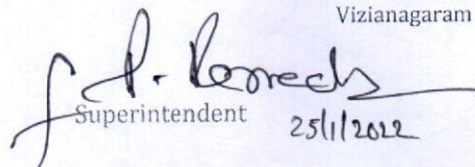
Ist Year Maintenance of plantation under labour intensive method during 2024-25
(excluding Watch and Ward)

Unit : per 1 Ha. / 1000 nos.

Sl. No.	Quantity	Item of work	2021-22 FSR Code	Rate	Per	Amount
1	2	3	4	5	6	7
1	70 Nos.	Replacement of casualties 20% (Teak stumps)	04-13-00			
		a) Digging crow bar holes and stump planting		65.16	100 Nos.	45.61
		b) Preparation of teak stumps	04-02-00	86.24	100 Nos.	60.37
2	200 Nos.	Replacement of casualties 25% (Seedlings)	04-23-01 (RSSR 22 A)	15.000	Each	3000.00
3	200 Nos.	Transporation of bag planta from nursery site to Plantation site (8x12) upto 5 Kms.	04-03-04	343.76	100 Nos.	687.52
4	200 Nos.	Internal transport of bag plants to planting point on head loads (8x12) bag plants	04-05-04	229.82	100 Nos.	459.64
5	270 Nos.	Cost of chemical fertilizers	04-11-01	As per actuals	Ha.	270.00
6	270 Nos.	Application of fertilizers	04-11-02	45.38	100 nos.	122.53
7	1000 Nos.	1st circular weeding to a radius of 0.50m around the plant	04-23-06	144.41	100 nos	1444.10
8	Hectare	1st cutting of coppice growth flush to the ground over the enire area including retaining useful species just after planting and placing the cut maerial in between the planting rows	04-16-00	1860.08	Ha.	1860.08
9		2nd circular weeding to a radius of 0.50m around the plant in Nov./December.	04-23-08			
	1000 Nos.	Formation of saucer around the plant	04-23-08 (A)	212.62	Ha.	2126.20
	1000 Nos.	2nd circular weeding to a radius of 0.5 m around the plant	04-23-08 (B)	144.42	Ha.	1444.20
	1000 Nos.	Soil working toa radious of 50 Cms to a depth of 15 cms around the plant during	04-23-08 (c)	401.17	100 nos	4011.70
10	Hectare	2nd cutting of coppice growth flush to the ground over the enire area including retaining useful species just after planting and placing the cut maerial in between the planting rows	04-16-00	1860.08	Ha.	1860.08
11	400 Rmt	Fire tracing operations by clearing all growth flesh to the ground to a width of 3m by scraping control burning	04-17-00	7.71	Rmt	3084.00
12	L.S	Contingencies			LS	523.97
		Total for one hectare				21000.00
		10% extra on the rates of FSR 2021-22				2100
		Total for one hectare				23100
		10% extra on the rates of FSR 2022-23				2310
		Total for one hectare				25410
		10% extra on the rates of FSR 2023-24				2541
		Total unit rate for one hectare in 2024-25				27951

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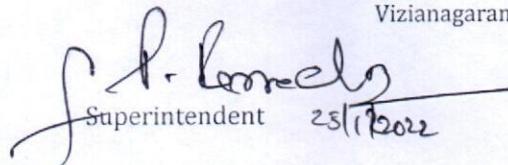
**2nd year maintenance of plantation under labour intensive method during 2025-26
(including watch and ward)**

Unit : per 1 Ha. / 1000 nos.

Sl. No.	Quantity	Item of work	2021-22 FSR Code	Rate	Per	Amount
1	2	3	4	5	6	7
1	1000 Nos.	1st circular weeding to a radius of 0.50m around the plant	04-26-01	144.41	100 nos	1444.10
2	Hectare	1st cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows.	04-16-00	1860.08	Ha.	1860.08
3		2nd circular weeding to a radius of 0.50m around the plant	04-26-02			
	1000 Nos.	Formation of saucer around the plant	04-26-02 (A)	212.62	Ha.	212.62
	1000 Nos.	2nd circular weeding to a radius of 0.5 m around the plant	04-26-02 (B)	144.42	Ha.	144.42
4	Hectare	2nd cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows.	04-16-00	1860.08	Ha.	1860.08
5	1000 Nos.	Soil working to a radius of 50 Cms to a depth of 15 cms around the plant during	04-26-02 (c)	401.17	100 nos	4452.99
6	400 Rmt	Fire tracing operations	04-29-04	5.54	1 Rmt	2216.00
7	1 No. / 12 months	Watch and ward for protection of plantation	02-03-04	9100.00	Month	9100.00
8	L.S	Contingencies			LS	1066.75
		Total for one hectare				22000.00
		10% extra on the rates of FSR 2021-22				2200.00
		Total for one hectare				24200.00
		10% extra on the rates of FSR 2022-23				2420.00
		Total for one hectare				26620.00
		10% extra on the rates of FSR 2023-24				2662.00
		Total for one hectare				29282.00
		10% extra on the rates of FSR 2024-25				2928.20
		Total unit rate for one hectare in 2025-26				32210.20

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**2nd year maintenance of plantation under labour intensive method during 2025-26
(excluding watch and ward)**

Unit : per 1 Ha. / 1000 nos.

Sl. No.	Quantity	Item of work	2021-22 FSR Code	Rate	Per	Amount
1	2	3	4	5	6	7
1	1000 Nos.	1st circular weeding to a radius of 0.50m around the plant	04-26-01	144.41	100 nos	1444.10
2	Hectare	1st cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows	04-16-00	1860.08	Ha.	1860.08
3		2nd circular weeding to a radius of 0.50m around the plant	04-26-02			
	1000 Nos.	Formation of saucer around the plant	04-26-02 (A)	212.62	Ha.	212.62
	1000 Nos.	2nd circular weeding to a radius of 0.5 m around the plant	04-26-02 (B)	144.42	Ha.	144.42
4	Hectare	2nd cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows	04-16-00	1860.08	Ha.	1860.08
5	1000 Nos.	Soil working to a radius of 50 Cms to a depth of 15 cms around the plant during	04-26-02 (c)	401.17	100 nos	4452.99
6	400 Rmt	Fire tracing operations	04-29-04	5.54	1 Rmt	2216.00
7	L.S	Contingencies			LS	666.75
		Total for one hectare				12500.00
		10% extra on the rates of FSR 2021-22				1250.00
		Total for one hectare				13750.00
		10% extra on the rates of FSR 2022-23				1375.00
		Total for one hectare				15125.00
		10% extra on the rates of FSR 2023-24				1512.50
		Total for one hectare				16637.50
		10% extra on the rates of FSR 2024-25				1663.75
		Total unit rate for one hectare in 2025-26				18301.25

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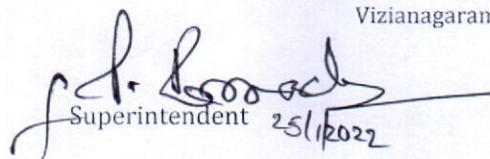
**3rd year maintenance of plantation under labour intensive method during 2026-27
(including watch and ward)**

Unit : per 1 Ha. / 1000 nos.

Sl. No.	Quantity	Item of work	2021-22 FSR Code	Rate	Per	Amount
1	2	3	4	5	6	7
1	Hectare	1st cutting of coppice growth flush to the ground over the enire area including retaining useful species just after planting and placing the cut maerial in between the planting rows.	04-16-00	1690.97	Ha.	1690.97
2		Circular weeding, deep soil working to a radius of 0.5m and to a depth of 15 cms around the plant.	04-30-02			
	1000 Nos.	Formation of saucer around the plant	04-30-02 (A)	212.61	Ha.	212.61
	1000 Nos.	2nd circular weeding to a radius of 0.5 m around the plant	04-30-02 (B)	144.42	Ha.	144.42
	1000 Nos.	Soil working toa radius of 50 Cms to a depth of 15 cms around the plant during	04-30-02 (c)	401.16	100 nos	4452.88
3	Hectare	2nd cutting of coppice growth flush to the ground over the enire area including retaining useful species just after planting and placing the cut maerial in between the planting rows.	04-16-00	1690.97	Ha.	1690.97
4	400 Rmt	Fire tracing operations	04-31-04	5.74	1 Rmt	2296.00
5	1 No. / 12 months	Watch and ward for protection of plantation	02-03-04	9100.00	Month	9100.00
6	L.S	Contingencies			LS	1769.180
		Total for one hectare				21000.00
		10% extra on the rates of FSR 2021-22				2100.00
		Total for one hectare				23100.00
		10% extra on the rates of FSR 2022-23				2310.00
		Total for one hectare				25410.00
		10% extra on the rates of FSR 2023-24				2541.00
		Total for one hectare				27950.99
		10% extra on the rates of FSR 2024-25				2795.10
		Total for one hectare				30746.09
		10% extra on the rates of FSR 2025-26				3074.61
		Unit rate for one hectare in 2026-27				33820.70

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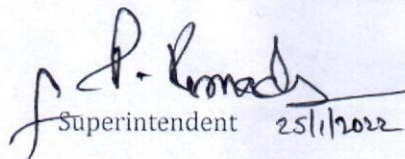
**3rd year maintenance of plantation under labour intensive method during 2026-27
(excluding watch and ward)**

Unit : per 1 Ha. / 1000 nos.

Sl. No.	Quantity	Item of work	2021-22 FSR Code	Rate	Per	Amount
1	2	3	4	5	6	7
1	Hectare	1st cutting of coppice growth flush to the ground over the enire area including retaining useful species just after planting and placing the cut maerial in between the planting rows	04-16-00	1690.97	Ha.	1690.97
2		Circular weeding, deep soil working to a radius of 0.5m and to a depth of 15 cms around the plant	04-30-02			
	1000 Nos.	Formation of saucer around the plant	04-30-02 (A)	212.61	Ha.	212.61
	1000 Nos.	2nd circular weeding to a radius of 0.5 m around the plant	04-30-02 (B)	144.42	Ha.	144.42
	1000 Nos.	Soil working toa radious of 50 Cms to a depth of 15 cms around the plant during	04-30-02 (c)	401.16	100 nos	4452.88
3	Hectare	2nd cutting of coppice growth flush to the ground over the enire area including retaining useful species just after planting and placing the cut maerial in between the planting rows	04-16-00	1690.97	Ha.	1690.97
4	400 Rmt	Fire tracing operations	04-31-04	5.74	1 Rmt	2296.00
6	LS	Contingencies			LS	869.180
		Total for one hectare				11000.00
		10% extra on the rates of FSR 2021-22				1100
		Total for one hectare				12100
		10% extra on the rates of FSR 2022-23				1210
		Total for one hectare				13310
		10% extra on the rates of FSR 2023-24				1331
		Total for one hectare				14641
		10% extra on the rates of FSR 2024-25				1464
		Total for one hectare				16105
		10% extra on the rates of FSR 2025-26				1611
		Unit rate for one hectare in 2026-27				17716

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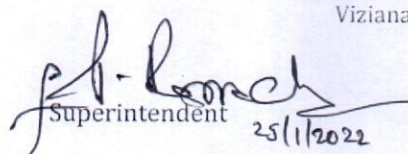
**4th year maintenance of plantation under labour intensive method during 2027-28
(including watch and ward)**

Unit : per 1 Ha. / 1000 nos.

Sl. No.	Quantity	Item of work	2021-22 FSR Code	Rate	Per	Amount
1	2	3	4	5	6	7
1	Hectare	Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows.	04-16-00	1690.97	Ha.	1690.97
2	1000 Nos.	Soil working to a radius of 50 Cms to a depth of 15 cms around the plant during	04-30-02 (c)	401.16	100 nos	4452.88
3	200 Nos.	Pruning of lower foliage/branches of plants upto 1/3rd height for NTFP species	04-32-00	143.55	Ha.	287.10
4	400 Rmt	Fire tracing operations	04-31-04	5.74	1 Rmt	2296.00
5	1 No. / 12 months	Watch and ward for protection of plantation	02-03-04	9100.00	Month	9100.00
6	LS	Contingencies			LS	1173.050
		Total for one hectare				19000.00
		10% extra on the rates of FSR 2021-22				1900.00
		Total for one hectare				20900.00
		10% extra on the rates of FSR 2022-23				2090.00
		Total for one hectare				22990.00
		10% extra on the rates of FSR 2023-24				2299.00
		Total for one hectare				25288.99
		10% extra on the rates of FSR 2024-25				2528.90
		Total for one hectare				27817.89
		10% extra on the rates of FSR 2025-26				2781.79
		Total for one hectare				30599.68
		10% extra on the rates of FSR 2026-27				3059.97
		Total for one hectare in 2027-28				33659.65

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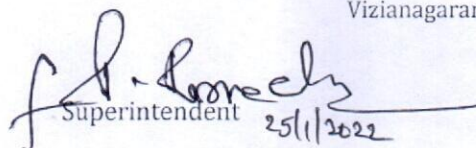
**4th year maintenance of plantation under labour intensive method during 2027-28
(including watch and ward)**

Unit : per 1 Ha. / 1000 nos.

Sl. No.	Quantity	Item of work	2021-22 FSR Code	Rate	Per	Amount
1	2	3	4	5	6	7
1	Hectare	Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows.	04-16-00	1690.97	Ha.	1690.97
2	1000 Nos.	Soil working to a radius of 50 Cms to a depth of 15 cms around the plant during	04-30-02 (c)	401.16	100 nos	4452.88
3	200 Nos.	Pruning of lower foliage/branches of plants upto 1/3rd height for NTFP species	04-32-00	143.55	Ha.	287.10
4	400 Rmt	Fire tracing operations	04-31-04	5.74	1 Rmt	2296.00
5	1 No. / 12 months	Watch and ward for protection of plantation	02-03-04	9100.00	Month	9100.00
6	L.S	Contingencies			LS	1173.050
		Total for one hectare				19000.00
		10% extra on the rates of FSR 2021-22				1900.00
		Total for one hectare				20900.00
		10% extra on the rates of FSR 2022-23				2090.00
		Total for one hectare				22990.00
		10% extra on the rates of FSR 2023-24				2299.00
		Total for one hectare				25288.99
		10% extra on the rates of FSR 2024-25				2528.90
		Total for one hectare				27817.89
		10% extra on the rates of FSR 2025-26				2781.79
		Total for one hectare				30599.68
		10% extra on the rates of FSR 2026-27				3059.97
		Total for one hectare in 2027-28				33659.65

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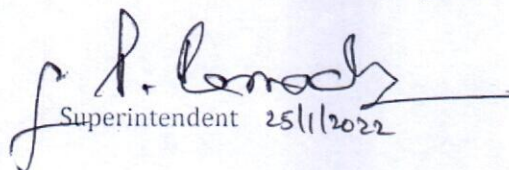
**4th year maintenance of plantation under labour intensive method during 2027-28
(excluding watch and ward)**

Unit : per 1 Ha. / 1000 nos.

Sl. No.	Quantity	Item of work	2021-22 FSR Code	Rate	Per	Amount
1	2	3	4	5	6	7
1	Hectare	Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows	04-16-00	1690.97	Ha.	1690.97
2	1000 Nos.	Soil working to a radius of 50 Cms to a depth of 15 cms around the plant during	04-30-02 (c)	401.16	100 nos	4452.88
3	200 Nos.	Pruning of lower foliage/branches of plants upto 1/3rd height for NTFP species	04-32-00	143.55	Ha.	287.10
4	400 Rmt	Fire tracing operations	04-31-04	5.74	1 Rmt	2296.00
6	L.S	Contingencies			LS	773.050
		Total for one hectare				9500.00
		10% extra on the rates of FSR 2021-22				950.00
		Total for one hectare				10450
		10% extra on the rates of FSR 2022-23				1045
		Total for one hectare				11495
		10% extra on the rates of FSR 2023-24				1149
		Total for one hectare				12644
		10% extra on the rates of FSR 2024-25				1264
		Total for one hectare				13909
		10% extra on the rates of FSR 2025-26				1391
		Total for one hectare				15300
		10% extra on the rates of FSR 2026-27				1530
		Total for one hectare in 2027-28				16830

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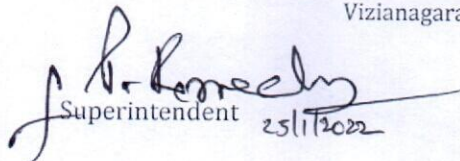
**5th year maintenance of plantation under labour intensive method during 2028-29
(including watch and ward)**

Unit : per 1 Ha. / 1000 nos.

Sl. No.	Quantity	Item of work	2021-22 FSR Code	Rate	Per	Amount
1	2	3	4	5	6	7
1	Hectare	Cutting of coppice growth flush to the ground over the enire area including retaining useful species just after planting and placing the cut maerial in between the planting rows.	04-16-00	1690.97	Ha.	1690.97
2	1000 Nos.	Soil working toa radious of 50 Cms to a depth of 15 cms around the plant during	04-30-02 (c)	401.16	100 nos	4452.88
3	200 Nos.	Pruning of lower foliage/branches of plants upto 1/3rd height for NTFP species	04-32-00	143.55	Ha.	287.10
4	400 Rmt	Fire tracing operations	04-31-04	5.74	1 Rmt	2296.00
5	1 No. / 12 months	Watch and ward for protection of plantation	02-03-04	9100.00	Month	9100.00
6	L.S	Contingencies			LS	1173.050
		Total for one hectare				19000.00
		10% extra on the rates of FSR 2021-22				1900.00
		Total for one hectare				20900.00
		10% extra on the rates of FSR 2022-23				2090.00
		Total for one hectare				22990.00
		10% extra on the rates of FSR 2023-24				2299.00
		Total for one hectare				25288.99
		10% extra on the rates of FSR 2024-25				2528.90
		Total for one hectare				27817.89
		10% extra on the rates of FSR 2025-26				2781.79
		Total for one hectare				30599.68
		10% extra on the rates of FSR 2026-27				3059.97
		Total for one hectare				33659.65
		10% extra on the rates of FSR 2027-28				3365.97
		Total for one hectare				37025.62

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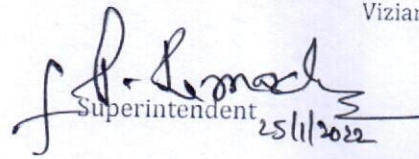
**5th year maintenance of plantation under labour intensive method during 2028-29
(excluding watch and ward)**

Unit : per 1 Ha. / 1000 nos.

Sl. No.	Quantity	Item of work	2021-22 FSR Code	Rate	Per	Amount
1	2	3	4	5	6	7
1	Hectare	Cutting of coppice growth flush to the ground over the enire area including retaining useful species just after planting and placing the cut maerial in between the planting rows	04-16-00	1690.97	Ha.	1690.97
2	1000 Nos.	Soil working toa radius of 50 Cms to a depth of 15 cms around the plant during	04-30-02 (c)	401.16	100 nos	4452.88
3	200 Nos.	Pruning of lower foliage/branches of plants upto 1/3rd height for NTFP species	04-32-00	143.55	Ha.	287.10
4	400 Rmt	Fire tracing operations	04-31-04	5.74	1 Rmt	2296.00
6	L.S	Contingencies			LS	773.050
		Total for one hectare				9500.00
		10% extra on the rates of FSR 2021-22				950.00
		Total for one hectare				10450.00
		10% extra on the rates of FSR 2022-23				1045
		Total for one hectare				11495
		10% extra on the rates of FSR 2023-24				1149
		Total for one hectare				12644
		10% extra on the rates of FSR 2024-25				1264
		Total for one hectare				13909
		10% extra on the rates of FSR 2025-26				1391
		Total for one hectare				15300
		10% extra on the rates of FSR 2026-27				1530
		Total for one hectare				16830
		10% extra on the rates of FSR 2027-28				1683
		Total for one hectare				18513

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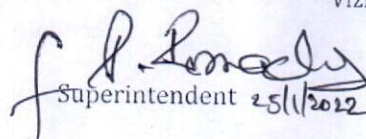
**6th year maintenance of plantation under labour intensive method during 2029-30
(including watch and ward)**

Unit : per 1 Ha. / 1000 nos.

Sl. No.	Quantity	Item of work	2021-22 FSR Code	Rate	Per	Amount
1	2	3	4	5	6	7
1	Hectare	Cutting of coppice growth flush to the ground over the enire area including retaining useful species just after planting and placing the cut maerial in between the planting rows.	04-16-00	1690.97	Ha.	1690.97
2	1000 Nos.	Soil working toa radious of 50 Cms to a depth of 15 cms around the plant during	04-30-02 (c)	401.16	100 nos	4452.88
3	200 Nos.	Pruning of lower foliage/branches of plants upto 1/3rd height for NTFP species	04-32-00	143.55	Ha.	287.10
4	400 Rmt	Fire tracing operations	04-31-04	5.74	1 Rmt	2296.00
5	1 No. / 12 months	Watch and ward for protection of plantation	02-03-04	9100.00	Month	9100.00
6	LS	Contingencies			LS	1173.050
		Total for one hectare				19000.00
		10% extra on the rates of FSR 2021-22				1900.00
		Unit rate for one hector				20900.00
		10% extra on the rates of FSR 2022-23				2090.00
		Unit rate for one hector				22990.00
		10% extra on the rates of FSR 2023-24				2299.00
		Unit rate for one hector				25288.99
		10% extra on the rates of FSR 2024-25				2528.90
		Unit rate for one hector				27817.89
		10% extra on the rates of FSR 2025-26				2781.79
		Unit rate for one hector				30599.68
		10% extra on the rates of FSR 2026-27				3059.97
		Unit rate for one hector				33659.65
		10% extra on the rates of FSR 2027-28				3365.97
		Unit rate for one hector				37025.62
		10% extra on the rates of FSR 2028-29				3702.56
		Unit rate for one hector				40728.18

(Sd) S.Venkatesh,
District Forest Officer
Vizianagaram

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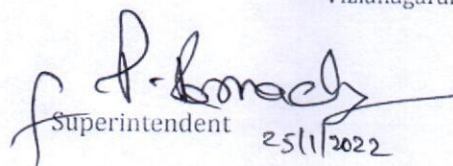
**6th year maintenance of plantation under labour intensive method during 2029-30
(excluding watch and ward)**

Unit : per 1 Ha. / 1000 nos.

Sl. No.	Quantity	Item of work	2021-22 FSR Code	Rate	Per	Amount
1	2	3	4	5	6	7
1	Hectare	Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows	04-16-00	1690.97	Ha.	1690.97
2	1000 Nos.	Soil working to a radius of 50 Cms to a depth of 15 cms around the plant during	04-30-02 (c)	401.16	100 nos	4452.88
3	200 Nos.	Pruning of lower foliage/branches of plants upto 1/3rd height for NTFP species	04-32-00	143.55	Ha.	287.10
4	400 Rmt	Fire tracing operations	04-31-04	5.74	1 Rmt	2296.00
6	L.S	Contingencies			LS	773.050
		Total for one hectare				9500.00
		10% extra on the rates of FSR 2021-22				950.00
		Unit rate for one hectare				10450.00
		10% extra on the rates of FSR 2022-23				1045
		Unit rate for one hectare				11495
		10% extra on the rates of FSR 2023-24				1149
		Unit rate for one hectare				12644
		10% extra on the rates of FSR 2024-25				1264
		Unit rate for one hectare				13909
		10% extra on the rates of FSR 2025-26				1391
		Unit rate for one hectare				15300
		10% extra on the rates of FSR 2026-27				1530
		Unit rate for one hectare				16830
		10% extra on the rates of FSR 2027-28				1683
		Unit rate for one hectare				18513
		10% extra on the rates of FSR 2028-29				1851
		Unit rate for one hectare				20364

(Sd) S.Venkatesh,
District Forest Officer
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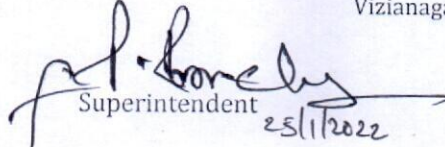
**7th year maintenance of plantation under labour intensive method during 2030-31
(including watch and ward)**

Unit : per 1 Ha. / 1000 nos.

Sl. No.	Quantity	Item of work	2021-22 FSR Code	Rate	Per	Amount
1	2	3	4	5	6	7
1	Hectare	Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows.	04-16-00	1690.97	Ha.	1690.97
2	1000 Nos.	Soil working to a radius of 50 Cms to a depth of 15 cms around the plant during	04-30-02 (c)	401.16	100 nos	4452.88
3	200 Nos.	Pruning of lower foliage/branches of plants upto 1/3rd height for NTFP	04-32-00	143.55	Ha.	287.10
4	400 Rmt	Fire tracing operations	04-31-04	5.74	1 Rmt	2296.00
5	1 No. / 12 months	Watch and ward for protection of plantation	02-03-04	9100.00	Month	9100.00
6	L.S	Contingencies			LS	1173.050
		Total for one hectare				19000.00
		10% extra on the rates of FSR 2021-22				1900.00
		Unit rate for one hectare				20900.00
		10% extra on the rates of FSR 2022-23				2090.00
		Unit rate for one hectare				22990.00
		10% extra on the rates of FSR 2023-24				2299.00
		Unit rate for one hectare				25288.99
		10% extra on the rates of FSR 2024-25				2528.90
		Unit rate for one hectare				27817.89
		10% extra on the rates of FSR 2025-26				2781.79
		Unit rate for one hectare				30599.68
		10% extra on the rates of FSR 2026-27				3059.97
		Unit rate for one hectare				33659.65
		10% extra on the rates of FSR 2027-28				3365.97
		Unit rate for one hectare				37025.62
		10% extra on the rates of FSR 2028-29				3702.56
		Unit rate for one hectare				40728.18
		10% extra on the rates of FSR 2029-30				4072.82
		Unit rate for one hectare in 2030-31				44801.00

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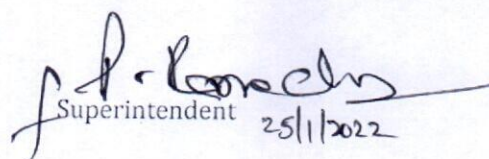
7th year maintenance of plantation under labour intensive method during 2030-31
(excluding watch and ward)

Unit : per 1 Ha. / 1000 nos.

Sl. No.	Quantity	Item of work	2021-22 FSR Code	Rate	Per	Amount
1	2	3	4	5	6	7
1	Hectare	Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows	04-16-00	1690.97	Ha.	1690.97
2	1000 Nos.	Soil working to a radius of 50 Cms to a depth of 15 cms around the plant during	04-30-02 (c)	401.16	100 nos	4452.88
3	200 Nos.	Pruning of lower foliage/branches of plants upto 1/3rd height for NTFP species	04-32-00	143.55	Ha.	287.10
4	400 Rmt	Fire tracing operations	04-31-04	5.74	1 Rmt	2296.00
6	L.S	Contingencies			LS	773.050
		Total for one hectare				9500.00
		10% extra on the rates of FSR 2021-22				950.00
		Unit rate for one hectare				10450.00
		10% extra on the rates of FSR 2022-23				1045
		Unit rate for one hectare				11495
		10% extra on the rates of FSR 2023-24				1149
		Unit rate for one hectare				12644
		10% extra on the rates of FSR 2024-25				1264
		Unit rate for one hectare				13909
		10% extra on the rates of FSR 2025-26				1391
		Unit rate for one hectare				15300
		10% extra on the rates of FSR 2026-27				1530
		Unit rate for one hectare				16830
		10% extra on the rates of FSR 2027-28				1683
		Unit rate for one hectare				18513
		10% extra on the rates of FSR 2028-29				1851
		Unit rate for one hectare				20364
		10% extra on the rates of FSR 2029-30				2036
		Unit rate for one hectare in 2030-31				22400

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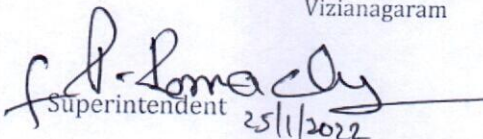
**8th year maintenance of plantation under labour intensive method during 2031-32
(including watch and ward)**

Unit : per 1 Ha. / 1000 nos.

Sl. No.	Quantity	Item of work	2021-22 FSR Code	Rate	Per	Amount
1	2	3	4	5	6	7
1	Hectare	Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows.	04-16-00	1690.97	Ha.	1690.97
2	1000 Nos.	Soil working to a radius of 50 Cms to a depth of 15 cms around the plant during	04-30-02 (c)	401.16	100 nos	4452.88
3	200 Nos.	Pruning of lower foliage/branches of plants upto 1/3rd height for NTFP species	04-32-00	143.55	Ha.	287.10
4	400 Rmt	Fire tracing operations	04-31-04	5.74	1 Rmt	2296.00
5	1 No. / 12 months	Watch and ward for protection of plantation	02-03-04	9100.00	Month	9100.00
6	L.S	Contingencies			LS	1173.050
		Total for one hectare				19000.00
		10% extra on the rates of FSR 2021-22				1900.00
		Unit rate for one hectare				20900.00
		10% extra on the rates of FSR 2022-23				2090.00
		Unit rate for one hectare				22990.00
		10% extra on the rates of FSR 2023-24				2299.00
		Unit rate for one hectare				25288.99
		10% extra on the rates of FSR 2024-25				2528.90
		Unit rate for one hectare				27817.89
		10% extra on the rates of FSR 2025-26				2781.79
		Unit rate for one hectare				30599.68
		10% extra on the rates of FSR 2026-27				3059.97
		Unit rate for one hectare				33659.65
		10% extra on the rates of FSR 2027-28				3365.97
		Unit rate for one hectare				37025.62
		10% extra on the rates of FSR 2028-29				3702.56
		Unit rate for one hectare				40728.18
		10% extra on the rates of FSR 2029-30				4072.82
		Unit rate for one hectare in 2030-31				44801.00
		10% extra on the rates of FSR 2030-31				4480.10
		Unit rate for one hectare in 2031-32				49281.10

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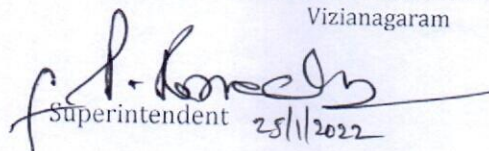
**8th year maintenance of plantation under labour intensive method during 2031-32
(excluding watch and ward)**

Unit : per 1 Ha. / 1000 nos.

Sl. No.	Quantity	Item of work	2021-22 FSR Code	Rate	Per	Amount
1	2	3	4	5	6	7
1	Hectare	Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows	04-16-00	1690.97	Ha.	1690.97
2	1000 Nos.	Soil working to a radius of 50 Cms to a depth of 15 cms around the plant during	04-30-02 (c)	401.16	100 nos	4452.88
3	200 Nos.	Pruning of lower foliage/branches of plants upto 1/3rd height for NTFP species	04-32-00	143.55	Ha.	287.10
4	400 Rmt	Fire tracing operations	04-31-04	5.74	1 Rmt	2296.00
6	L.S	Contingencies			LS	773.050
		Total for one hectare				9500.00
		10% extra on the rates of FSR 2021-22				950.00
		Unit rate for one hectare				10450.00
		10% extra on the rates of FSR 2022-23				1045
		Unit rate for one hectare				11495
		10% extra on the rates of FSR 2023-24				1149
		Unit rate for one hectare				12644
		10% extra on the rates of FSR 2024-25				1264
		Unit rate for one hectare				13909
		10% extra on the rates of FSR 2025-26				1391
		Unit rate for one hectare				15300
		10% extra on the rates of FSR 2026-27				1530
		Unit rate for one hectare				16830
		10% extra on the rates of FSR 2027-28				1683
		Unit rate for one hectare				18513
		10% extra on the rates of FSR 2028-29				1851
		Unit rate for one hectare				20364
		10% extra on the rates of FSR 2029-30				2036
		Unit rate for one hectare in 2030-31				22400
		10% extra on the rates of FSR 2030-31				2240
		Unit rate for one hectare in 2031-32				24641

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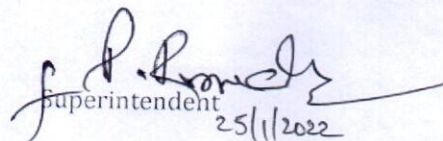

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**9th year maintenance of plantation under labour intensive method during 2032-33
(including watch and ward)**

Unit : per 1 Ha. / 1000 nos.						
Sl. No.	Quantity	Item of work	2021-22 FSR Code	Rate	Per	Amount
1	2	3	4	5	6	7
1	Hectare	Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows.	04-16-00	1690.97	Ha.	1690.97
2	1000 Nos.	Soil working to a radius of 50 Cms to a depth of 15 cms around the plant	04-30-02 (c)	401.16	100 nos	4452.88
3	200 Nos.	Pruning of lower foliage/branches of plants upto 1/3rd height for NTFP species	04-32-00	143.55	Ha.	287.10
4	400 Rmt	Fire tracing operations	04-31-04	5.74	1 Rmt	2296.00
5	1 No. / 12 months	Watch and ward for protection of plantation	02-03-04	9100.00	Month	9100.00
6	L.S	Contingencies			LS	1173.05
		Total for one hectare				19000
		10% extra on the rates of FSR 2021-22				1900
		Unit rate for one hectare				20900
		10% extra on the rates of FSR 2022-23				2090
		Unit rate for one hectare				22990
		10% extra on the rates of FSR 2023-24				2299
		Unit rate for one hectare				25289
		10% extra on the rates of FSR 2024-25				2529
		Unit rate for one hectare				27818
		10% extra on the rates of FSR 2025-26				2782
		Unit rate for one hectare				30600
		10% extra on the rates of FSR 2026-27				3060
		Unit rate for one hectare				33660
		10% extra on the rates of FSR 2027-28				3366
		Unit rate for one hectare				37026
		10% extra on the rates of FSR 2028-29				3703
		Unit rate for one hectare				40728
		10% extra on the rates of FSR 2029-30				4073
		Unit rate for one hectare				44801
		10% extra on the rates of FSR 2030-31				4480
		Unit rate for one hectare				49281
		10% extra on the rates of FSR 2031-32				4928
		Unit rate for one hectare				54209

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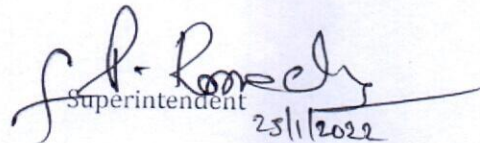
9th year maintenance of plantation under labour intensive method during 2032-33
(excluding watch and ward)

Unit : per 1 Ha. / 1000 nos.

Sl. No.	Quantity	Item of work	2021-22 FSR Code	Rate	Per	Amount
1	2	3	4	5	6	7
1	Hectare	Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows	04-16-00	1690.97	Ha.	1690.97
2	1000 Nos.	Soil working to a radius of 50 Cms to a depth of 15 cms around the plant during	04-30-02 (c)	401.16	100 nos	4452.88
3	200 Nos.	Pruning of lower foliage/branches of plants upto 1/3rd height for NTFP species	04-32-00	143.55	Ha.	287.10
4	400 Rmt	Fire tracing operations	04-31-04	5.74	1 Rmt	2296.00
5	L.S	Contingencies			LS	273.05
		Total for one hectare				9000
		10% extra on the rates of FSR 2021-22				900
		Unit rate for one hectare				9900
		10% extra on the rates of FSR 2022-23				990
		Unit rate for one hectare				10890
		10% extra on the rates of FSR 2023-24				1089
		Unit rate for one hectare				11979
		10% extra on the rates of FSR 2024-25				1198
		Unit rate for one hectare				13177
		10% extra on the rates of FSR 2025-26				1318
		Unit rate for one hectare				14495
		10% extra on the rates of FSR 2026-27				1449
		Unit rate for one hectare				15944
		10% extra on the rates of FSR 2027-28				1594
		Unit rate for one hectare				17538
		10% extra on the rates of FSR 2028-29				1754
		Unit rate for one hectare				19292
		10% extra on the rates of FSR 2029-30				1929
		Unit rate for one hectare				21222
		10% extra on the rates of FSR 2030-31				2122
		Unit rate for one hectare				23344
		10% extra on the rates of FSR 2031-32				2334
		Unit rate for one hectare				25678

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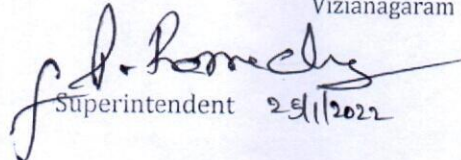
**10th year maintenance of plantation under labour intensive method during 2033-34
(including watch and ward)**

Unit : per 1 Ha. / 1000 nos.

Sl. No.	Quantity	Item of work	2021-22 FSR Code	Rate	Per	Amount
1	2	3	4	5	6	7
1	Hectare	Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows	04-16-00	1690.97	Ha.	1690.97
2	1000 Nos.	Soil working to a radius of 50 Cms to a depth of 15 cms around the plant during	04-30-02 (c)	401.16	100 nos	4452.88
3	200 Nos.	Pruning of lower foliage/branches of plants upto 1/3rd height for NTFP species	04-32-00	143.55	Ha.	287.10
4	400 Rmt	Fire tracing operations	04-31-04	5.74	1 Rmt	2296.00
5	1 No. / 12 months	Watch and ward for protection of plantation	02-03-04	9100.00	Month	9100.00
6	LS	Contingencies			LS	673.050
		Total for one hectare				18500.00
		10% extra on the rates of FSR 2021-22				1850
		Unit rate for one hectare				20350
		10% extra on the rates of FSR 2022-23				2035
		Unit rate for one hectare				22385
		10% extra on the rates of FSR 2023-24				2238
		Unit rate for one hectare				24623
		10% extra on the rates of FSR 2024-25				2462
		Unit rate for one hectare				27086
		10% extra on the rates of FSR 2025-26				2709
		Unit rate for one hectare				29794
		10% extra on the rates of FSR 2026-27				2979
		Unit rate for one hectare				32774
		10% extra on the rates of FSR 2027-28				3277
		Unit rate for one hectare				36051
		10% extra on the rates of FSR 2028-29				3605
		Unit rate for one hectare				39656
		10% extra on the rates of FSR 2029-30				3966
		Unit rate for one hectare				43622
		10% extra on the rates of FSR 2030-31				4362
		Unit rate for one hectare				47984
		10% extra on the rates of FSR 2031-32				4798
		Unit rate for one hectare				52783
		10% extra on the rates of FSR 2032-33				5278
		Unit rate for one hectare				58061

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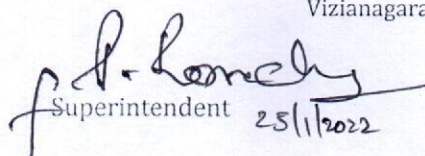
**10th year maintenance of plantation under labour intensive method during 2033-34
(excluding watch and ward)**

Unit : per 1 Ha. / 1000 nos.

Sl. No.	Quantity	Item of work	2021-22 FSR Code	Rate	Per	Amount
1	2	3	4	5	6	7
1	Hectare	Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows	04-16-00	1690.97	Ha.	1690.97
2	1000 Nos.	Soil working to a radius of 50 Cms to a depth of 15 cms around the plant during	04-30-02 (c)	401.16	100 nos	4452.88
3	200 Nos.	Pruning of lower foliage/branches of plants upto 1/3rd height for NTFP species	04-32-00	143.55	Ha.	287.10
4	400 Rmt	Fire tracing operations	04-31-04	5.74	1 Rmt	2296.00
5	L.S	Contingencies			LS	273.05
		Total for one hectare				9000
		10% extra on the rates of FSR 2021-22				900
		Unit rate for one hectare				9900
		10% extra on the rates of FSR 2022-23				990
		Unit rate for one hectare				10890
		10% extra on the rates of FSR 2023-24				1089
		Unit rate for one hectare				11979
		10% extra on the rates of FSR 2024-25				1198
		Unit rate for one hectare				13177
		10% extra on the rates of FSR 2025-26				1318
		Unit rate for one hectare				14495
		10% extra on the rates of FSR 2026-27				1449
		Unit rate for one hectare				15944
		10% extra on the rates of FSR 2027-28				1594
		Unit rate for one hectare				17538
		10% extra on the rates of FSR 2028-29				1754
		Unit rate for one hectare				19292
		10% extra on the rates of FSR 2029-30				1929
		Unit rate for one hectare				21222
		10% extra on the rates of FSR 2030-31				2122
		Unit rate for one hectare				23344
		10% extra on the rates of FSR 2031-32				2334
		Unit rate for one hectare				25678
		10% extra on the rates of FSR 2032-33				2568
		Unit rate for one hectare				28246

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Tree Enumetaiton list of Nanda to Kodama via Chora

Sl. No.	Name of the Tree	Tree No.	Girth (Mts.)	Height (Mts.)	Volume	Rate (Rs) As per FSO 2021	Value of Rs.	Remarks
1	Neredu	1	0.66	6.00	0.1634	9325.05	1523.25	
2	Nallamaddi	2	0.76	8.00	0.2888	6240.00	1802.11	
3	Saiboddu	3	0.89	6.00	0.2970	9348.06	2776.72	
4	Saiboddu	4	0.37	4.00	0.0342	9348.06	319.94	
5	Saiboddu	5	0.48	5.00	0.0720	9348.06	673.06	
6	Nerudu	6	0.68	8.00	0.2312	9325.05	2155.95	
7	Nerudu	6A	0.59	7.00	0.1523	9325.05	1420.15	
8	Nerudu	6B	0.51	6.00	0.0975	9325.05	909.54	
9	Nerudu	7	1.29	7.00	0.7280	9325.05	6789.04	
10	Tangina	8	0.52	7.00	0.1183	9348.06	1105.88	
11	Gannara	9	0.53	7.00	0.1229	9348.06	1148.82	
12	Nallamaddi	10	0.44	6.00	0.0726	6240.00	453.02	
13	Gannara	11	0.42	4.00	0.0441	9348.06	412.25	
14	Nallamaddi	12	0.37	5.00	0.0428	6240.00	266.96	
15	Gannara	13	0.52	5.00	0.0845	9348.06	789.91	
16	Gannara	14	0.58	6.00	0.1262	9348.06	1179.26	
17	Jarumamidi	15	0.43	4.00	0.0462	9348.06	432.11	
18	Jarumamidi	16	0.52	3.00	0.0507	9348.06	473.95	
19	Tellamaddi	17	0.40	4.00	0.0400	9348.06	373.92	
20	Nemali	18	0.43	6.00	0.0693	9348.06	648.17	
21	Nemali	18A	0.41	6.00	0.0630	9348.06	589.28	
22	Nemali	18B	0.53	6.00	0.1053	9348.06	984.70	
23	Tangina	19	0.44	7.00	0.0847	9348.06	791.78	
24	Jarumamidi	20	0.40	5.00	0.0500	9348.06	467.40	
25	Jarumamidi	20A	0.40	4.00	0.0400	9348.06	373.92	
26	Nallamaddi	21	0.48	5.00	0.0720	6240.00	449.28	
27	Jarumamidi	22	0.46	4.00	0.0529	9348.06	494.51	
28	Tellamaddi	23	0.39	4.00	0.0380	9348.06	355.46	
29	Tellamaddi	24	0.62	5.00	0.1201	9348.06	1122.94	
30	Gannara	25	0.54	6.00	0.1094	9348.06	1022.21	
31	Iridi	26	0.44	5.00	0.0605	215.25	215.25	
32	Iridi	26A	0.52	5.00	0.0845	315.00	315.00	
33	Iridi	26B	0.41	5.00	0.0525	215.25	215.25	
34	Gannara	27	0.56	6.00	0.1176	9348.06	1099.33	
35	Bamboo	28	2nd class	12Nos	0.0000	23.10	277.20	
36	Bamboo	29	Rivva Bamboo	48Nos	0.0000	2.10	100.80	
37	Gannara	30	1.14	8.00	0.6498	9348.06	6074.37	
38	Nallamaddi	31	0.50	5.00	0.0781	6240.00	487.50	
39	Nallamaddi	32	0.45	6.00	0.0759	6240.00	473.85	
40	Nallamaddi	33	0.45	5.00	0.0633	6240.00	394.88	

Sl. No	Name of the Species	Tree No	Length	G.B.H	Volume in Cmt	Rate as per FSR-2020-21	Per	value	Remarks
1	2	3	4	5	6	7	8	9	
40	Gatha	40	5.00	0.57	Baju	315.00	Each	315	
41	Loluga	41	4.00	0.56	Baju	315.00	Each	315	
42	Tangina	42	5.00	0.54	Baju	315.00	Each	315	
43	Loluga	43	5.00	0.45	Vasam	215.25	Each	215	
44	Gatha	44	5.00	0.46	Baju	315.00	Each	315	
45	Gatha	45	6.00	0.47	Baju	315.00	Each	315	
46	Loluga	46	5.00	0.52	Baju	315.00	Each	315	
47	Loluga	47	5.00	0.41	Vasam	215.25	Each	215	
48	Nalla jeedi	48	4.00	0.64	0.1024	9745.05	cmt	998	
49	Loluga	49	6.00	0.92	0.3174	12859.35	cmt	4082	
50	Tangina	50	7.00	0.59	Baju	315.00	Each	315	
51	Tangina	51	6.00	0.65	0.1584	9748.05	cmt	1544	
52	Tangina	52	5.00	0.35	Vasam	215.25	Each	215	
53	Ganara	53	6.00	0.44	Vasam	215.25	Each	215	
54	Loluga	54	5.00	0.62	0.1201	9745.05	cmt	1171	
55	Tangina	55	5.00	0.45	Vasam	215.25	Each	215	
56	ganara	56	9.00	0.50	Baju	315.00	Each	315	
57	Velaga	57	6.00	0.64	0.1536	9745.05	cmt	1497	
58	Tuniki	58	9.00	1.25	0.8789	14791.35	cmt	13000	
59	Yegisa	59	9.00	0.71	0.2836	18295.20	cmt	5188	
60	Tangina	60	6.00	0.47	Baju	315.00	Each	315	
61	Sai boddu	61	4.00	0.68	0.1156	9745.05	cmt	1127	
62	Rosewood	62	6.00	0.39	Baju	315.00	Each	315	
63	Sai boddu	63	12.00	1.30	1.2675	14791.35	cmt	18748	
64	Nalla jeedi	64	5.00	0.72	0.1620	9745.05	cmt	1579	
65	Rella	65	5.00	0.86	0.2311	9745.05	cmt	2252	
66	Chinta	66	9.00	1.92	2.0736	12884.55	cmt	26717	
67	Loluga	67	5.00	0.50	Baju	315.00	Each	315	
68	Garugudu	68	4.00	1.33	0.4422	14791.35	cmt	6541	
69	Tangina	69	6.00	0.81	0.2460	9745.05	cmt	2398	
70	Tangina	70	2.00	1.33	0.2211	13638.45	cmt	3016	
71	Nalla jeedi	71	7.00	0.71	0.2205	9745.05	cmt	2149	
72	Tangina	72	8.00	0.77	0.2965	9745.05	cmt	2889	
73	Loluga	73	6.00	0.61	0.1395	9745.05	cmt	1360	
74	Gatha	74	4.00	0.49	Baju	315.00	Each	315	
75	Loluga	75	5.00	0.74	0.1711	9745.05	cmt	1668	
76	Garugudu	76	7.00	1.02	0.4552	12859.35	cmt	5853	
77	Velaga	77	6.00	0.83	0.2583	9745.05	cmt	2518	
78	Tangina	78	6.00	0.89	0.2970	9745.05	cmt	2895	
79	Pacha gatha	79	6.00	1.52	0.8664	14791.35	cmt	12815	
80	Nalla maddi	80	7.00	0.95	0.3948	14790.30	cmt	5840	

	Bamboo	78	2nd class	29Nos	0.0000	23.10	669.90	
86	Bamboo	79	3rd class	32Nos	0.0000	4.20	134.40	
87	Bamboo	80	3rd class	32Nos	0.0000	4.20	134.40	
88	Bamboo	81	2nd class	14Nos	0.0000	23.10	323.40	
89	Bamboo	82	2nd class	16Nos	0.0000	23.10	369.60	
90	Bamboo	83	2nd class	13Nos	0.0000	23.10	300.30	
91	Bamboo	84	2nd class	16Nos	0.0000	23.10	369.60	
92	Tangina	85	0.48	6.00	0.0864	9348.06	807.67	
93	Nallamaddi	86	0.53	5.00	0.0878	6240.00	547.76	
94	Iridi	87	0.48	7.00	0.1008	315.00	315.00	
Total					11.4923 and 866 No.s		112491	

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**GIRTH CLASS WISE EXISTING TREE GROWTH FOR IMPROVEMENTS TO THE ROAD FROM NANDA-PAGULUCHENNERU TO KODAMA FOR PROVIDING BT
ROAD OF DUGGERU BEAT, MAKKUVA SECTION, SALURU RANGE OF VIZIANAGARAM DIVISION**

Sl.No	Botanical name of the plant	Name of the tree/ Species	Girth class wise no of trees / poles				Poles (No.s)	Timber (Cum)	Fuel (Cum)	Total Value (Rs.)
			Upto 30cms	31 to 60 cms	61 to 90 cms	91 to 120 cms	above 120			
1	Tamirinda Indica	Chinta					1	0.9647		12429.52
2	Albizia odoratissima	Ganara		6		2		1.2139		16999
3	Dalbergia sissoo	Iridi		4				0.0000		1061
4	Buchanania lanzan	Jarumamidi		5				0.0000		2242
5	Terminalia tomentosa	Nallamaddi		11	2	3	2	2.5500		21612
6	Pterocarpus indicus	Nemali		3				0.0000		2222
7	Syzygium cumini	Neredu		2	2		1	1.1226		12798
8		Saiboddu		2	1			0.2970		3770
9	Senna auriculata	Tangina		5		1	1	2.0351		23333
10	Terminalia Arjuna	Tellamaddi		2	1			0.1201		1852
11	Bambusa vulgaris	Bamboo								14172
				40	6	6	5	8.3034		112491
	Extraction and transportation charges from Nanda-Paguluchenneru to GBD, Saluru									40000
	Grand total									152491

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