



GOVERNMENT OF ANDHRA PRADESH
FOREST DEPARTMENT

Rc.No.592/2018-TO
Dated:12.01.2023

From
Sri B.Raja Rao, S.F.S.,
District Forest Officer,
Anakapalli.

Office of the District Forest Officer,
Anakapalli Division, H.Q. at Narsipatnam.

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

Sir,

Sub:- APFD – F(C) Act,1980 – Diversion of **2.18 ha. of forest land in favour of M/s. Reliance Jio Company, Visakhapatnam for laying Optical Fiber Cable (OFC)** along the road passing through forests of Narsipatnam (erstwhile) Division for providing 4G Communication Services in the State of Andhra Pradesh – Submission of approved revised CA scheme proposals for 12 years – Reg.

- Ref:-
1. Asst. Inspector General of Forests (Central) GoI, MoEF&CC, R.O., Chennai F.no.4-APB098/2020-CHN/0245, dt.14.02.2020.
 2. Spl. Secretary to EFS&T (Section-II) Dept. Govt. of A.P., Memo.no.3510/Section.II/2019, EFS&T Dept., dt.27.02.2020.
 3. Prl. Chief Conservator of Forests (HoFF) A.P., Guntur Rc.no. EFS02-15026/13/2020-FCA/SEC-PCCF/FCA-1, dt.27.10.2020.
 4. CF, Visakhapatnam Rc.no.1202/2018/TO, dt.30.11.2022 & 21.11.2022.
 5. Prl. Chief Conservator of Forests (HoFF) A.P., Guntur Rc.no.EFS02-15026/15/2018-FCA/SEC-PCCF/FCA-3, dt.27.12.2022.
 6. FRO, Narsipatnam Rc.no.49/2018, dt.11.01.2023.
 7. DFO, Anakapalli Rc.no.592/2018-TO, dt.11.01.2023.
 8. CCF, Visakhapatnam Rc.no.1202/2018/TO, dt.12.01.2023.

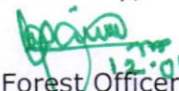
In compliance to the reference 5th cited, I submit herewith the approved revised CA Scheme for Rs.32.142 lakh for a period of 12 years (including 10 years maintenance) including SMC works, on the captioned subject by the Chief Conservator of Forests, Visakhapatnam vide reference 8th cited.

Hence, I request the Chief Conservator of Forests, Visakhapatnam to kindly forward the proposals to the Prl. Chief Conservator of Forests (HoFF) A.P., Guntur for further action in this matter.

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

Encl: As above.

Yours faithfully,


District Forest Officer
Anakapalli

Copy to the Divisional Forest Officer, Chintapalli for favour of information and necessary action.

Copy to the Authorized Signatory, M/s. Reliance Jio Infocomm Ltd., Visakhapatnam for information and necessary.



**GOVERNMENT OF ANDHRA PRADESH
FOREST DEPARTMENT**

Rc.no.1202/2018/TO,
Dated: 12.01.2023.

Office of the Conservator of Forests,
Visakhapatnam circle, Visakhapatnam

**Sri S.Srikanta Natha Reddy, IFS.,
Chief Conservator of Forests,
Visakhapatnam Circle.**

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Sub:- APFD -F(C) Act, 1980 - Diversion of 2.18 ha forest land in favour of M/s. Reliance Jio Company, Visakhapatnam for laying optical fibre cable (OFC) along with road passing through forests of Narsipatnam Division for providing 4G communication in the State of Andhra Pradesh - Revised CA scheme proposals for 12 years submitted by the DFO, Anakapalli - Instructions issued - Reg.

Ref:- 1) CCF, Visakhapatnam, Rc.no.1202/2018/TO, dt.21.11.2022.
2) PCCF, AP, Guntur Rc.no.EFS02/15026/15/2018-FCA SEC/PCCF/FCA-3, dt.27.12.2022.
3) DFO, Anakapalli, Rc.no.592/2018-TO, dt.11.01.2023.

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Attention of the District Forest Officer, Anakapalli is invited to the subject and references cited above. As requested in the reference 3rd cited, the revised CA scheme submitted for Rs.32.142 lakh for 5 ha. degraded forest area (Bit-I & Bit-II) for a period of 12 years (including 10 years maintenance) and SMC works identified in Arilova RF, in Compartment no.1206 of Narsipatnam Beat and in Compartment no. 1208 in Arilova Beat of Narsipatnam Section and Range in lieu of diversion of 2.18 ha. of forest land in favour of M/s. Reliance Jio Infocomm Ltd., Visakhapatnam for laying of underground Fiber Cable (OCF) along the road passing through Forest of Anakapalli and Chintapalli Division (erstwhile Narsipatnam Division) for providing 4G Communication Services in the State of Andhra Pradesh is approved on the responsibility of the District Forest Officer, Anakapalli and subject to receipt of further instructions/modifications if any revisions etc., in this regard from the O/o. the Prl. Chief Conservator of Forests (HoFF), A.P., Guntur and Government from time to time.

The District Forest Officer, Anakapalli is requested to take all precautions and necessary actions as per FC Act, 1980 and ensure that no violations take place in this regard.

Encl:- As above.

Sd/- S.Srikanta Natha Reddy,
Chief Conservator of Forests,
Visakhapatnam.

To
The District Forest Officer
Anakapalli.


Copy to the Divisional Forest Officer, Chintapalli for information.


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


Manager 12/1/23

**12 YEARS ACTION PLAN FOR IDENTIFIED FOR COMPENSATORY AFFORESTATION IN LIEU OF DIVERSION OF 2.18 HA. FOREST AREA FOR LAYING OF OFC CABLE (JIO) IN COMPARTMENT NO.1206,
(NARSIPATNAM BEAT) 1208, (ARLOVA BEAT) OF ARLOVA RF, NARSIPATNAM SECTION OF NARSIPATNAM RANGE OF ANAKAPALLI DIVISION**

Sl. no.	Item of work	2023-24		2024-25		2025-26		2026-27		2027-28		2028-29		2029-30		2030-31		2031-32		2032-33		2033-34		2034-35		Total	
		Phy in ha.	Fin in lakhs	Phy in ha.	Fin in lakhs	Phy in ha.	Fin in lakhs	Phy in ha.	Fin in lakhs	Phy in ha.	Fin in lakhs	Phy in ha.	Fin in lakhs	Phy in ha.	Fin in lakhs	Phy in ha.	Fin in lakhs	Phy in ha.	Fin in lakhs	Phy in ha.	Fin in lakhs	Phy in ha.	Fin in lakhs	Phy in ha.	Fin in lakhs	Phy in ha.	Fin in lakhs
1	Raising of teak bed nursery 37 beds	37 beds	260700																							260700	
2	Advance operation works	5.00	78100																							78100	
3	Raising of Plantation			5.00	378730																					378730	
4	Maintenance of plantations			37 beds	66550																					66550	
5	SMC Works				403157																					403157	
6	Fencing				144000																					144000	
7	1st year maintenance of plantations					5.00	401962																			401962	
8	2nd year maintenance of plantations					5.00	417269																			417269	
9	3rd year maintenance of plantations							5.00	404238																	404238	
10	4th year maintenance of plantations											5.00	255105													255105	
11	5th year maintenance of plantations													5.00	276523											276523	
12	6th year maintenance of plantations including SMC works.															5.00	19292									19292	
13	7th year maintenance of plantations including silvicultural operations																	5.00	33011							33011	
14	8th year maintenance of plantations.													5.00	22825					5.00	22825					22825	
15	9th year maintenance of plantations.																			5.00	25107					25107	
16	10th year maintenance of plantations.																						5.00	27618		27618	
	Total:		338800		992437		401962		417269		404238		255105		276523		19292		33011		22825		25107		27618		3214187


Forest Section Officer
I/c Narsipatnam


Forest Range Officer
Narsipatnam


District Forest Officer
Anakapalli

ESTIMATE FOR RAISING OF 37 NOS. TEAK BEDS NURSERY
FOR DEGRADED FOREST AREA (5) HA. IDENTIFIED FOR COMPENSATORY AFFORESTATION IN LIEU OF
DIVERSION OF 2.18 HA. FOREST AREA FOR LAYING OF OFC CABLE (JIO) IN COMPARTMENT NO.1206,
(NARSIPATNAM BEAT) 1208, (ARLOVA BEAT) OF ARLOVA RF, NARSIPATNAM SECTION OF
NARSIPATNAM RANGE OF ANAKAPALLI DIVISION-2023-24

Qty	Details of work	FSR 2022-23 Item No.	Rate	Per	Total
	<u>Raising operation works</u>				
37 beds	Preparation of new site by clearing growth of unwanted species, uprootal of stumps and removal of surface stones etc., (New Site)	02-01-01	7122.13	100 Beds	2635
37 beds	Tractor ploughing two times in criss cross direction and levelling the site (Prl., CCF AP, Hyderabad Rc. No 9443/2012/CAMPA, st 05.10.2012)	'02-01-03	1620.75	100 Beds	600
37 beds	Alignment and formation of beds to a height of 25 cm. by dumping the soil from the gap portion in between the beds and from margins of the nursery and leveling the bed.	'02-01-04	13592.88	100 Beds	5029
37 beds	Curbing the teak beds	02-01-05	462.00	perbed	17094
37 beds	Cost and collection of Teak Seed @ 5kgs. / bed including transportation.	'02-02-01	50548.85	100 Beds	18703
	Contingencies such as unforeseen items	02-03-05	LS	Actuals	2939
	<u>Raising year operations</u>				
37	Pretreatment of teak seed by spreading on ground, alternate wetting and drying for a period of 20 to 30 days of 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	3434.79	100 beds	1271
37	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	4498.44	100 beds	1664
37	Cost of hay and conveyance to nursery site.	02-02-04	4375.96	100 beds	1619
	<u>Watering the beds during non-rainy days as per the following schedule. (The watering regime for raising of teak beds is revised from 50 to 64 in high rainfall areas and 70 in other areas considering the non-rainy days. The details are as follows.)</u>	02-02-05			
37	i) For first 20 days after sowing, every day (1st of May to 20 th May)	02-02-05	20654.17	20 waterings/ 100 beds	7642
37	ii) Next 20 days once in every 2 days (21st May to 10th June)	02-02-05	10327.07	10 waterings/ 100 beds	3821
37	iii) Upto December (non rainy days) - 11th June to 31st December (Limited to 20 waterings in high rainfall areas and 26 watering in other areas)	02-02-05	20654.17	for 20 waterings/ 100 beds	7642
37	iv) Upto March once in 15 days - 2 waterings/month. (1st January to 31st March)	02-02-05	6196.24	for 6 waterings/ 100 beds	2293
	Total watering in raising year				
37 beds 11 Months	Keeping the beds free from weeds by weeding out the grass and other miscellaneous weed growth. (Weedings @ 1 weeding per month)	02-02-06	23295.66	100 beds/ 12 weedings	7901
37	Application of fertilisers.	02-02-08	495.99	100 beds	184
37	Cost of Thimmet	02-02-09	Actuls	100 beds	4000

Qty	Details of work	FSR 2022-23 Item No.	Rate	Per	Total
	<u>Application of thimmet @ 150 gm. Per bed against grub attack twice.</u>	02-02-10			
37	a) 50 gm. At the time of sowing seed	02-02-10	2526.65	100 beds	935
37	b) 100 gm. At the time of beginning of the grub attack (With specific permission of DFO)	02-02-10	2526.65	100 beds	935
1 no./ 12 Months	Cost of Protection (One watcher is allowed upto 100 beds nursery under all the schemes and more than 100 beds one more watcher is allowed)	02-02-13	10504.00	1 No/Per month	126048
37 Beds	Contingencies/Cost of Pipes/Nursery Board/Nursery implements/Electricity Bill/Running and Maintenance Charges of Oil Engine (Bills to be verified and certified by the ACF/DFO) etc.	02-03-05	LS	Actuals	24045
	Total				237000

Year wise expected hike on 2022-23

Expected Hike		10%
Year	2022-23	2023-24
Cost of amount	237000	260700


Forest Section Officer
I/c Narsipatnam


Forest Range Officer
Narsipatnam

COUNTER SIGNED

DISTRICT FOREST OFFICER
ANAKAPALLI

**ESTIMATE FOR ADVANCE OPERATION WORKS FOR RAISING OF 5.00 HA. TEAK PLANTATION
FOR DEGRADED FOREST AREA (5) HA. IDENTIFIED FOR COMPANSATORY AFFORESTATION IN LIEU
OF DIVERSION OF 2.18 HA. FOREST AREA FOR LAYING OF OFC CABLE (JIO) IN COMPARTMENT
NO.1206, (NARSIPATNAM BEAT), 1208 (ARLOVA BEAT) OF ARLOVA RF, NARSIPATNAM SECTION OF
NARSIPATNAM RANGE OF ANAKAPALLI DIVISION-2023-24**

Beat: Arlova

Lat: 17.68387 82.53729


Section: Narsipatnam

Compt no.1206, 1208

Qty	Description	FSR 2022-23 Item No.	Rate	Unit	Amount
1	2	3	4	5	6
	<u>Advance operations (Preplanting operations)</u>				
1	Survey with GPS (only staff to carry out) staff to carryout GPS survey. One manday is allowed for assistance	03-01-01	307.77	Plantation	308
	Preparation of site for planting by clearing thorny unsaleable, unusable jungle growth, creepers, bushes etc. spreading the cut material allover the site and burning the same.				
5 ha.	Medium jungle growth (> 30 % ground area covered with jungle growth)	03-02-04	12217.00	ha	61085
1000 RMT	Formation of sector lines/inspection paths of a width of 3 m. by giving surface treatment (sector to be in conformity with slope direction). All stumps to be cut to ground level. Applicable for plantations other than Semi Mechanical Plantation . <u>Under SMM the sector lines should not be ploughed.</u>	03-03-00	7.86	1 RMT	7860
	Contengencies such as unforeseen items				1747
	Total				71000
Rs.71,000/- (Rupees seventy one thousand only)					

Year wise expected hike on 2022-23

Expected Hike		10%
Year	2022-23	2023-24
Cost of amount	71000	78100


**Forest Section Officer
I/c Narsipatnam**


**Forest Range Officer
Narsipatnam**

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
**DISTRICT FOREST OFFICER
ANAKAPALLI**

**ESTIMATE FOR MAINTENANCE OF (37) NOS. TEAK BEDS (April to July)
FOR DEGRADED FOREST AREA (5) HA. IDENTIFIED FOR COMPENSATORY AFFORESTATION IN LIEU
OF DIVERSION OF 2.18 HA. FOREST AREA FOR LAYING OF OFC CABLE (JIO) IN COMPARTMENT
NO.1206, (NARSIPATNAM BEAT), 1208 (ARLOVA BEAT) OF ARLOVA RF, NARSIPATNAM SECTION OF
NARSIPATNAM RANGE OF ANAKAPALLI DIVISION-2024-25**

Qty	Details of work	FSR 2022-23 Item No.	Rate	Per	Total
	<u>Watering the beds from April to July as follows:-</u>				
37 Beds/14 waterings	April 4 waterings, May 4 waterings, June 4 waterings and July 2 waterings - total 14 waterings.	02-03-01	14457.92	100 beds	5349
37 Beds / 3 applications	Application of insecticides/pesticides to control insect/pest diseases for each application (3 applications)	02-03-02	495.99	100 beds	551
37 beds	Cost of insecticides	02-03-03	Actuals	Kg	1500
1 no./ 4 months	Cost of protection watcher	02-03-04	10504.00	1 Month/ 1 No	42016
37 Beds	Contingencies such as unforeseen items	02-03-05	LS		5584
	Total				55000

Year wise expected hike on 2022-23

Expected Hike		10%	10%
Year	2022-23	2023-24	2024-25
Cost of amount	55000	60500	66550


**Forest Section Officer
I/c Narsipatnam**


**Forest Range Officer
Narsipatnam**

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**DISTRICT FOREST OFFICER
ANAKAPALLI**

**ESTIMATE FOR RAISING OF 5.00 HA. TEAK PLANTATION (2 m. X2 m.) ESP.
FOR DEGRADED FOREST AREA (5) HA. IDENTIFIED FOR COMPANSATORY AFFORESTATION IN LIEU OF
DIVERSION OF 2.18 HA. FOREST AREA FOR LAYING OF OFC CABLE (JIO) IN COMPARTMENT NO.1206,
(NARSIPATNAM BEAT), 1208 (ARLOVA BEAT) OF ARLOVA RF, NARSIPATNAM SECTION OF
NARSIPATNAM RANGE OF ANAKAPALLI DIVISION- 2024-25**

Section: Narsipatnam

Lat: 17.68387 82.53729

Compt no.1206, 1208

Sl. No.	Quantity	Item of work	FSR 2022-23 Item No.	Rate	Per	Total Amount
1	2	3	4	5	6	7
1	12500 Nos./ 5 ha.	Alignment & Staking including laying base line for teak 2m x2m espacement.	04-01-01	101.27	100 nos.	12659
2	12500 Nos./ 5 ha.	Cost of 0.45 mts. Stake preparation and transportation to site.	04-01-05 RSSR Item No.20 (c)	61.17	100 nos.	7646
3	12500 Nos./ 5 ha.	Preparation of teak stumps of min. lenght of 23cms and min. girth of 4cm. at the collar, including uprootal from nursery beds, dressing of lateral roots, cutting slant 2cm above collar and root and bundling them into bundles of 100nos. each and transport to planting site.	04-02-00	96.58	100 nos.	12073
4	12500 Nos./ 5 ha.	Digging of Crowbar holes 23cm (9") deep and planting stumps in crow -bar holes and closing and compacing so that it can not be pulledup easily.	04-10-00	72.97	100 nos.	9121
		Replacement of casualties 20% (July)	04-13-00			
5	2500 Nos.	a) Digging of crow bar holes and stump planting		36.48	100 nos.	912
6	2500 Nos.	b) Preparation of teak stumps		96.58	100 nos.	2415
7	5 ha.	Cost of chemical fertilizers	04-11-01	Actuals	Ha.	3000
8	12500 Nos./ 5 ha.	Application of fertilizers after planting by making 3 holes of 10cms depth with crow bar 10 cms away from plant and putting fertilizers and closing. (July / August)	04-11-02	50.82	100 nos.	6353
9	12500 Nos./ 5 ha.	Formation of saucer around the plant (at the time of planting) during June/July.	04-14-05(A)	238.13	100 nos.	29766
10	12500 Nos./ 5 ha.	1st Circular weeding to a radius of 0.5mts. around the plant during July / August (as per PCCF Rc.no.9443/CAMPA/2012, dt.07.05.2012 and 05.10.2012.)	04-14-03	161.73	100 nos.	20216
11	5 ha.	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 across the slope. (July/ August) in High rainfall zone >800mm	04-16-02	2083.28	ha.	10416
12	12500 Nos./ 5 ha.	2nd circular weeding to a radius of 0.50m around the plant during Sep/Oct.	04-14-05(B)	161.73	100 nos.	20216

Sl. No.	Quantity	Item of work	FSR 2022-23 Item No.	Rate	Per	Total Amount
1	2	3	4	5	6	7
13	5 ha.	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 across the slope. (October / November)	04-16-02	2083.28	ha.	10416
14	12500 Nos./ 5 ha.	Soil working to a radius of 50cm and to a depth of 15cm around the plant during Oct / Nov.	04-14-05 (C)	449.31	100 nos.	56164
15	1000 Rmt	Fire tracing operation by clearing all growth flush to the ground to a width of 3 m. by scraping, control burning.	04-17-00	8.63	Rmt	8630
16	1 No. / 9 Months	Watch and ward for plantations during Raising and Maintenance of plantations on contract basis (Conservator of Forests Visakhapatnam)	04-21-00	10504.00	1 No.	94536
17	L.S	Contingencies for maintenance of survey stones/white washing / Plantation board with masonry pedestal - 10th row survival percentage of flyash brick etc.	04-25-07	LS		8461
		Grand Total:				313000

Year wise expected hike on 2022-23			
Expected hike		10%	10%
Year	2022-23	2023-24	2024-25
Cost of amount	313000	344300	378730

al
Forest Section Officer
I/c Narsipatnam


A. K. V.
Forest Range Officer
Narsipatnam

COUNTER SIGNED
[Signature]
DISTRICT FOREST OFFICER
ANAKAPALLI

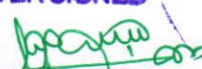
ESIMATE FOR DIGGING OF TRENCHES FOR (5) HA. IN C.A. AREA,
FOR DEGRADED FOREST AREA (5) HA. IDENTIFIED FOR COMPANSATORY
AFFORESTATION IN LIEU OF DIVERSION OF 2.18 HA. FOREST AREA FOR LAYING OF OFC
CABLE (JIO) IN COMPARTMENT NO.1206, (NARSIPATNAM BEAT), 1208 (ARLOVA BEAT) OF
ARLOVA RF, NARSIPATNAM SECTION OF NARSIPATNAM RANGE OF ANAKAPALLI
DIVISION - 2024-25

Qty	Details of work	FSR Item No.	Rate	Per	Total
5 ha./ 1250 Cum	Earth work excavation for CCT with (Length 10.00 m. x 0.5 m. top width + 0.5 m bottom width/2x0.5 (depth) = 2.50 x 500 nos. = 1250 Cum in hard soils	RSSR 2020-21 7 (b)	266.55	Cum	333188
	Total				333188

Year wise expected hike on 2022-23			
Expected hike		10%	10%
Year	2022-23	2023-24	2024-25
Cost of amount	333188	366506.8	403157



Forest Section Officer
I/c Narsipatnam


Forest Range Officer
Narsipatnam


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DISTRICT FOREST OFFICER
ANAKAPALLI

**ESIMATE FOR FENCING WITH BARBED WIRE FOR (5) HA. IN C.A. AREA
FOR DEGRADED FOREST AREA (5) HA. IDENTIFIED FOR COMPANSATORY
AFFORESTATION IN LIEU OF DIVERSION OF 2.18 HA. FOREST AREA FOR LAYING OF OFC
CABLE (JIO) IN COMPARTMENT NO.1206, (NARSIPATNAM BEAT), 1208 (ARLOVA BEAT) OF
ARLOVA RF, NARSIPATNAM SECTION OF NARSIPATNAM RANGE OF ANAKAPALLI
DIVISION - 2024-25**

Qty	Details of work	FSR Item No.	Rate	Per	Total
5 ha./ 12 nos.	Erection of fence, Cost of fence posts (to be procured locally)	05-42-15	2000.00	1 no.	24000
5 ha.	Cost of barbed wire (to be procured locally)	05-42-16	Actuals	-	100000
5 ha.	Fixing of fency posts (to be procured locally) including fits and fixing	05-42-17	Actuals	-	10000
5 ha.	Fixing of Barbed wire (to be procured locally)	05-42-18	Actuals	-	10000
	Total				144000


**Forest Section Officer
I/c Narsipatnam**


**Forest Range Officer
Narsipatnam**

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**DISTRICT FOREST OFFICER
ANAKAPALLI**

**ESTIMATE FOR 1ST YEAR MAINTENANCE OF 5.00 HA. TEAK PLANTATION (2 m. x 2 m.) ESP.
FOR DEGRADED FOREST AREA (5) HA. IDENTIFIED FOR COMPANSATORY AFFORESTATION IN LIEU OF
DIVERSION OF 2.18 HA. FOREST AREA FOR LAYING OF OFC CABLE (JIO) IN COMPARTMENT NO.1206,
(NARSIPATNAM BEAT), 1208 (ARLOVA BEAT) OF ARLOVA RF, NARSIPATNAM SECTION OF NARSIPATNAM
RANGE OF ANAKAPALLI DIVISION - 2025-26**


Section:Narsipatnam

Lat: 17.68387 82.53729

Qty	Details of work	FSR 2022-23 Item No.	Rate	Unit	Amount
2500 nos.	Replacement of casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no casualty replacement for further maintenance)	04-10-00	72.97	100 nos.	1824
2500 nos.	Preparation of teak stumps of a minimum length of 23 cm. and minimum girth of 4 cm. at the collar, including uprootal from nursery beds, dressing of lateral root, cutting slant 2 cm above collar and root and bundling them into bundles of 100 Nos. each and transport to	04-02-00	96.58	100 nos.	2415
2500 nos.	Cost of Teak stumps	Non-FSR	5.00	Each	12500
5 ha.	Cost of chemical fertilizers	04-23-03	Actuals		3000
2500 nos.	Application of fertilizers	04-11-02	50.82	100 nos.	1271
5 ha./ 12500 nos.	Labour intensive method Formatin of saucer around the plant June / July (hard gravellary soil)	04-23-08 (A)	238.13	100 nos.	29766
5 ha./ 12500 nos.	1st Circular weeding to a radius of 0.5 m around the plant during July/August	04-23-06	161.73	100 nos.	20216
5 ha.	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. July/August (High rainfall zone >800 mm)	04-25-02	1893.88	1 Ha / 2500	9469
5 ha./ 12500 nos.	2nd Circular weeding to a radius of 0.5m around the plant during Sept/Oct. (hard gravellary soil)	04-23-08 (B)	161.75	100 nos.	20219
5 ha.	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. October/November (High rainfall zone >800)	04-25-02	1893.88	1 Ha / 2500	9469
5 ha./ 12500 nos.	Soil working to a radius of 50 cm and to a depth of 15 cm around the plant during Oct/Nov (hard gravellary soil)	04-23-08 (c)	449.31	100 nos.	56164
1 No./12 months	Watch and ward for plantations during Raising and Maintenance of plantations, on contract basis (Conservator of Forests, Visakhapatnam)	04-25-06	10504.00	1 Month	126048
1000 RMT	Fire lines 3 mts wide around the plantation	04-25-04	7.02	1 Rmt	7020
LS	Contengencies such as unforeseen items	04-23-14			2619
	TOTAL				302000

YEAR WISE EXPECTED HIKE ON 2022-23 FSR

Expected Hike		10%	10%	10%
Year	2022-23	2023-24	2024-25	2025-26
Cost of amount	302000	332200	365420	401962


Forest Section Officer
I/c Narsipatnam


Forest Range officer
Narsipatnam

COUNTER SIGNED

DISTRICT FOREST OFFICER
ANAKAPALLI

**ESTIMATE FOR 2ND YEAR MAINTENANCE OF 5.00 HA. TEAK PLANTATION
FOR DEGRADED FOREST AREA (5) HA. IDENTIFIED FOR COMPANSATORY AFFORESTATION IN LIEU OF
DIVERSION OF 2.18 HA. FOREST AREA FOR LAYING OF OFC CABLE (JIO) IN COMPARTMENT NO.1206,
(NARSIPATNAM BEAT), 1208 (ARLOVA BEAT) OF ARLOVA RF, NARSIPATNAM SECTION OF NARSIPATNAM
RANGE OF ANAKAPALLI DIVISION 2026-27**


Section: Narsipatnam

Lat: 17.68387 82.53729

Sl.no	Quantity	Item of work	FSR 2022-23 Item No.	Rate	Per	Total Amount
1	2	3	4	5	6	7
1	5 ha./ 12500 nos.	Formation of saucer around the plant (at the time of planting) during June/July.	04-26-03 (a)	238.13	100 nos.	29766
2	5 ha./ 12500 nos.	1st circular weeding to a radius of 0.5 m around the plant during July/Aug	04-26-01	161.73	100 nos.	20216
3	5 ha.	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. (High rain fall zone >800 mm)	04-29-02	1893.88	Ha.	9469
4	5 ha./ 12500 nos.	2nd circular Weeding cum deep soil working to a radius of 0.5 m and to a depth of 15 cm around the plant to be done with pick axes without disturbing the soil around the plant ot 10 cm wide but weeding that part of area by hand and formation of saucer in hard gravellary soils during Sep/Oct	04-26-03 (b)	161.75	100 nos.	20219
5	5 ha./ 12500 nos.	Soil working to a radius of 50 cm and to a depth of 15 cm around the plant during Oct/Nov	04-26-03 (c)	449.31	100 nos.	56164
6	5 ha.	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. High rain fall zone >800 mm)	04-29-02	1893.88	Ha.	9469
7	5 ha.	Cost of Pesticides and fungicides for teak & Misc., plantations.	04-29-05	Actuals		3000
8	1000 Rmt	Fire lines 3 mts wide around the plantation	04-29-04	7.86	1 Rmt	7860
9	1 No./ 12 Months	Watch and ward for plantations during Raising and Maintenance of plantations, on contract basis (Conservator of Forests, Visakhapatnam)	04-29-06	10504.00	Per Month	126048
10	L.S	Contengencies such as unforeseen items	04-29-07	LS		2789
TOTAL						285000

YEAR WISE EXPECTED HIKE ON 2022-23 FSR

Expected Hike		10%	10%	10%	10%
Year	2022-23	2023-24	2024-25	2025-26	2026-27
Cost of amount	285000	313500	344850	379335	417269


**Forest Section Officer
I/c Narsipatnam**


**Forest Range officer
Narsipatnam**

COUNTER SIGNED

**DISTRICT FOREST OFFICER
ANAKAPALLI**

**ESTIMATE FOR 3RD YEAR MAINTENANCE OF 5.00 HA. TEAK PLANTATION
FOR DEGRADED FOREST AREA (5) HA. IDENTIFIED FOR COMPANSATORY AFFORESTATION IN
LIEU OF DIVERSION OF 2.18 HA. FOREST AREA FOR LAYING OF OFC CABLE (JIO) IN
COMPARTMENT NO.1206, (NARSIPATNAM BEAT), 1208 (ARLOVA BEAT) OF ARLOVA RF,
NARSIPATNAM SECTION OF NARSIPATNAM RANGE OF ANAKAPALLI DIVISION 2027-28**


Section: Narsipatnam

Lat: 17.68387 82.53729

Sl. No.	Quantity	Item of work	FSR 2022-23 Item No	Rate	Per	Total Amount
1	2	3	4	5	6	7
1	5 ha.	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.(High rainfall>800mm)	04-31-02	1893.88	ha.	9469
2	12500 nos.	Formation of saucer around the plant (at the time of planting) during June/July.	04-30-02 (a)	238.12	100 nos.	29765
3	12500 nos.	Circular weeding to a radius of 0.5 m around the plant during Sep/Oct	04-30-02 (b)	161.75	100 nos.	20219
4	12500 nos.	Soil work to a radius of 50 cm and to a depth of 15 cm around the plant during Oct/Nov	04-30-02 (c)	449.29	100 nos.	56161
5	1000 Rmt	Fire tracing operation by clearing all growth flush to the ground to a width of 3 m by scraping, control burning	04-31-04	7.86	1 Rmt	7860
6	1 no./ 12 Months	Watch and ward for plantations during Raising and Maintenance of plantations, on contract basis (Conservator of Forests, Visakhapatnam)	04-31-05	10504.00	Per Month	126048
7	L.S	Contengencies such as unforeseen items	04-29-07		LS	1478
Total :						251000

YEAR WISE EXPECTED HIKE ON 2022-23 FSR

Expected Hike		10%	10%	10%	10%	10%
Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Cost of amount	251000	276100	303710	334081	367489	404238


**Forest Section Officer
I/c Narsipatnam**


**Forest Range officer
Narsipatnam**

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**DISTRICT FOREST OFFICER
ANAKAPALLI**

**ESTIMATE FOR 4TH YEAR MAINTENANCE OF 5.00 HA. TEAK PLANTATION
FOR DEGRADED FOREST AREA (5) HA. IDENTIFIED FOR COMPENSATORY AFFORESTATION IN
LIEU OF DIVERSION OF 2.18 HA. FOREST AREA FOR LAYING OF OFC CABLE (JIO) IN
COMPARTMENT NO.1206, (NARSIPATNAM BEAT), 1208 (ARLOVA BEAT) OF ARLOVA RF,
NARSIPATNAM SECTION OF NARSIPATNAM RANGE OF ANAKAPALLI DIVISION 2028-29**


Section: Narsipatnam

Lat: 17.68387 82.53729

Sl. No.	Quantity	Item of work	FSR 2022-23 Item No	Rate	Per	Total Amount
1	2	3	4	5	6	7
1	1000 Rmt	Fire tracing operation by clearing all growth flush to the ground to a width of 3 m by scraping, control burning	04-31-04	7.86	1 Rmt	7860
2	5.00 ha.	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.(High rainfall>800mm)	04-32-02	1893.89	1 ha.	9469
3	1 no./ 12 Months	Watch and ward for plantations during Raising and Maintenance of plantations, on contract basis (Conservator of Forests, Visakhapatnam)	04-31-05	10504.00	Per Month	126048
4	L.S	Contingencies such as unforeseen items	04-29-07		LS	623
Total :						144000

YEAR WISE EXPECTED HIKE ON 2022-23 FSR

Expected Hike		10%	10%	10%	10%	10%	10%
Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
Cost of amount	144000	158400	174240	191664	210830	231913	255105


**Forest Section Officer
I/c Narsipatnam**


**Forest Range officer
Narsipatnam**

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**DISTRICT FOREST OFFICER
ANAKAPALLI**

**ESTIMATE FOR 5TH YEAR MAINTENANCE OF 5.00 HA. TEAK PLANTATION
FOR DEGRADED FOREST AREA (5) HA. IDENTIFIED FOR COMPANSATORY AFFORESTATION IN LIEU
OF DIVERSION OF 2.18 HA. FOREST AREA FOR LAYING OF OFC CABLE (JIO) IN COMPARTMENT
NO.1206, (NARSIPATNAM BEAT), 1208 (ARLOVA BEAT) OF ARLOVA RF, NARSIPATNAM SECTION
OF NARSIPATNAM RANGE OF ANAKAPALLI DIVISION 2029-30**

Section: Narsipatnam

Lat: 17.68387 82.53729

Sl. No.	Quantity	Item of work	FSR 2022-23 Item No	Rate	Per	Total Amount
1	2	3	4	5	6	7
1	300 Rmt	Fire tracing operation by clearing all growth flush to the ground to a width of 3 m by scraping, control burning	04-31-04	7.02	1 Rmt	2106
2	1 no./ 12 Months	Watch and ward for plantations during Raising and Maintenance of plantations, on contract basis (Conservator of Forests, Visakhapatnam)	04-31-05	10504.00	Per Month	126048
3	L.S	Contengencies such as unforeseen items	04-29-07		LS	846
Total :						129000

YEAR WISE EXPECTED HIKE ON 2021-22 FSR

Expected Hike		10%	10%	10%	10%	10%
Year	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
Cost of amount	129000	141900	156090	171699	188869	207756

Expected Hike	10%	10%	10%
Year	2027-28	2028-29	2029-30
Cost of amount	228531	251385	276523


**Forest Section Officer
I/c Narsipatnam**


**Forest Range officer
Narsipatnam**

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**DISTRICT FOREST OFFICER
ANAKAPALLI**

**ESTIMATE FOR 6TH YEAR MAINTENANCE OF 5.00 HA. TEAK PLANTATION
FOR DEGRADED FOREST AREA (5) HA. IDENTIFIED FOR COMPANSATORY AFFORESTATION
IN LIEU OF DIVERSION OF 2.18 HA. FOREST AREA FOR LAYING OF OFC CABLE (JIO) IN
COMPARTMENT NO.1206, (NARSIPATNAM BEAT), 1208 (ARLOVA BEAT) OF ARLOVA RF,
NARSIPATNAM SECTION OF NARSIPATNAM RANGE OF ANAKAPALLI DIVISION 2030-31**

Section: Narsipatnam


Lat: 17.68387 82.53729

Sl. No.	Quantity	Item of work	FSR 2022-23 Item No	Rate	Per	Total Amount
1	2	3	4	5	6	7
1	1000 Rmt	Fire tracing operation by clearing all growth flush to the ground to a width of 3 m by scraping, control burning	04-31-04	7.86	1 Rmt	7860
2	L.S	Contengencies such as unforeseen items	04-29-07		LS	1140
Total :						9000

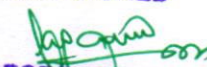
YEAR WISE EXPECTED HIKE ON 2022-23 FSR

Expected Hike		10%	10%	10%	10%	10%
Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Cost of amount	9000	9900	10890	11979	13177	14495

Expected Hike	10%	10%	10%
Year	2028-29	2029-30	2030-31
Cost of amount	15944	17538	19292


Forest Section Officer
I/c Narsipatnam


Forest Range officer
Narsipatnam

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DISTRICT FOREST OFFICER
ANAKAPALLI

**ESTIMATE FOR 7TH YEAR MAINTENANCE OF 5.00 HA. TEAK PLANTATION
FOR DEGRADED FOREST AREA (5) HA. IDENTIFIED FOR COMPANSATORY
AFFORESTATION IN LIEU OF DIVERSION OF 2.18 HA. FOREST AREA FOR LAYING
OF OFC CABLE (JIO) IN COMPARTMENT NO.1206, (NARSIPATNAM BEAT), 1208
(ARLOVA BEAT) OF ARLOVA RF, NARSIPATNAM SECTION OF NARSIPATNAM
RANGE OF ANAKAPALLI DIVISION 2031-32**

Section: Narsipatnam


Lat: 17.68387 82.53729

Sl. No.	Quantity	Item of work	FSR 2022-23 Item No	Rate	Per	Total Amount
1	2	3	4	5	6	7
1	1000 Rmt	Fire tracing operation by clearing all growth flush to the ground to a width of 3 m by scraping, control burning	04-31-04	7.86	1 Rmt	7860
2	5.00	Removing all useful cut material and miscellaneous cut growth which is salable out side the plantations	04-34-02	954.03	1 ha.	4770
3	L.S	Contengencies such as unforeseen items	04-29-07		LS	1370
Total :						14000

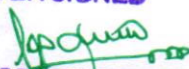
YEAR WISE EXPECTED HIKE ON 2022-23 FSR

Expected Hike		10%	10%	10%	10%	10%
Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Cost of amount	14000	15400	16940	18634	20497	22547

Expected Hike	10%	10%	10%	10%
Year	2028-29	2029-30	2030-31	2031-32
Cost of amount	24802	27282	30010	33011


**Forest Section Officer
I/c Narsipatnam**


**Forest Range officer
Narsipatnam**

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**DISTRICT FOREST OFFICER
ANAKAPALLI**

ESTIMATE FOR 8TH YEAR MAINTENANCE OF 5.00 HA. TEAK PLANTATION FOR DEGRADED FOREST AREA (5) HA. IDENTIFIED FOR COMPANSATORY AFFORESTATION IN LIEU OF DIVERSION OF 2.18 HA. FOREST AREA FOR LAYING OF OFC CABLE (JIO) IN COMPARTMENT NO.1206, (NARSIPATNAM BEAT), 1208 (ARLOVA BEAT) OF ARLOVA RF, NARSIPATNAM SECTION OF NARSIPATNAM RANGE OF ANAKAPALLI DIVISION 2032-33

Section: Narsipatnam


Lat: 17.68387 82.53729

Sl. No.	Quantit y	Item of work	FSR 2022-23 Item No	Rate	Per	Total Amount
1	2	3	4	5	6	7
1	1000 Rmt	Fire tracing operation by clearing all growth flush to the ground to a width of 3 m by scraping, control burning	04-31-04	7.86	1 Rmt	7860
2	L.S	Contengencies such as unforeseen items	04-29-07		LS	940
		Total :				8800

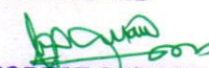
YEAR WISE EXPECTED HIKE ON 2022-23 FSR

Expected Hike		10%	10%	10%	10%	10%
Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Cost of amount	8800	9680	10648	11712.8	12884	14172

Expected Hike	10%	10%	10%	10%	10%
Year	2028-29	2029-30	2030-31	2031-32	2032-33
Cost of amount	15590	17149	18864	20750	22825


Forest Section Officer
I/c Narsipatnam


Forest Range officer
Narsipatnam

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DISTRICT FOREST OFFICER
ANAKAPALLI

**ESTIMATE FOR 9TH YEAR MAINTENANCE OF 5.00 HA. TEAK PLANTATION
FOR DEGRADED FOREST AREA (5) HA. IDENTIFIED FOR COMPANSATORY
AFFORESTATION IN LIEU OF DIVERSION OF 2.18 HA. FOREST AREA FOR
LAYING OF OFC CABLE (JIO) IN COMPARTMENT NO.1206, (NARSIPATNAM
BEAT), 1208 (ARLOVA BEAT) OF ARLOVA RF, NARSIPATNAM SECTION OF
NARSIPATNAM RANGE OF ANAKAPALLI DIVISION 2033-34**

Section: Narsipatnam

Lat: 17.68387 82.53729

Sl. No.	Quantit y	Item of work	FSR 2022-23 Item No	Rate	Per	Total Amount
1	2	3	4	5	6	7
1	1000 Rmt	Fire tracing operation by clearing all growth flush to the ground to a width of 3 m by scraping, control burning	04-31-04	7.86	1 Rmt	7860
2	L.S	Contengencies such as unforeseen items	04-29-07		LS	940
		Total :				8800

YEAR WISE EXPECTED HIKE ON 2022-23 FSR

Expected Hike		10%	10%	10%	10%	10%
Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Cost of amount	8800	9680	10648	11712.8	12884	14172

Expected Hike	10%	10%	10%	10%	10%	10%
Year	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34
Cost of amount	15590	17149	18864	20750	22825	25107


**Forest Section Officer
I/c Narsipatnam**


**Forest Range officer
Narsipatnam**

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**DISTRICT FOREST OFFICER
ANAKAPALLI**

**ESTIMATE FOR 10TH YEAR MAINTENANCE OF 5.00 HA. TEAK PLANTATION
FOR DEGRADED FOREST AREA (5) HA. IDENTIFIED FOR COMPANSATORY
AFFORESTATION IN LIEU OF DIVERSION OF 2.18 HA. FOREST AREA FOR LAYING
OF OFC CABLE (JIO) IN COMPARTMENT NO.1206, (NARSIPATNAM BEAT), 1208
(ARLOVA BEAT) OF ARLOVA RF, NARSIPATNAM SECTION OF NARSIPATNAM
RANGE OF**

ANAKAPALLI DIVISION 2034-35

Section: Narsipatnam


Lat: 17.68387 82.53729

Sl. No.	Quantity	Item of work	FSR Item No	Rate	Per	Total Amount
1	2	3	4	5	6	7
1	1000 Rmt	Fire tracing operation by clearing all growth flush to the ground to a width of 3 m by scraping, control burning	04-31-04	7.86	1 Rmt	7860
2	L.S	Contengencies such as unforeseen items	04-29-07		LS	940
		Total :				8800

YEAR WISE EXPECTED HIKE ON 2022-23 FSR

Expected Hike		10%	10%	10%	10%	10%
Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Cost of amount	8800	9680	10648	11712.8	12884	14172

Expected Hike	10%	10%	10%	10%	10%	10%	10%
Year	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35
Cost of amount	15590	17149	18864	20750	22825	25107	27618


Forest Section Officer
I/c Narsipatnam


Forest Range officer
Narsipatnam

COUNTER SIGNED

DISTRICT FOREST OFFICER
ANAKAPALLI