

**GOVERNMENT OF ANDHRA PRADESH  
FOREST DEPARTMENT**

**From**  
**Sri A. Chandra Sekhar, SFS,**  
**District Forest Officer ,**  
**SPSR Nellore**

**To**  
**The Chief Conservator of Forests,**  
**Guntur.**

**Rc.No. 1795/2018/F11, Dt. 20-07-2023**

Sir,

Sub. FD - FC Act, 1980 - Diversion of 1.27 a of forest land in Nellore, Venkatagiri, Udayagiri, Kavali and Atmakur Ranges of Nellore division for laying OFC along the road with in right of way in favour of M/s Reliance Jio Infocomm Ltd., for providing 4G Communication in the State of Andhra Pradesh -Violations done by user agency in RF areas of Venkatagiri Range - submission of further information and CA scheme - Reg.

Ref. 1. PCCF, AP, Guntur Rc. No. EFS02-15026/5/2019 FCA SEC-  
/PCCF/FCA-3 dt. 29-06-2023  
2. DFO, Tirupathi Rc.No. 360/2023TO dt. 20-7-2023

**&&&&**

With reference to the ref 1<sup>st</sup> cited, it is submitted that, in the ref 2<sup>nd</sup> cited, the District Forest Officer has submitted a approved CA scheme to a tune of Rs. 25.47 lakhs. The CA scheme along with data and DGPS maps are submitted herewith for favour of kind information.

**Encl:** CA Scheme.

Yours faithfully,  
Sd/-A. Chandra Sekhar,  
District Forest Officer,  
SPSR Nellore.

//tcbo//

  
Technical Officer.



**GOVERNMENT OF ANDHRA PRADESH**  
**FOREST DEPARTMENT**

From  
Sri G.Satish,Dy.C.F.  
District Forest Officer,  
TIRUPATI.

To  
The District Forest Officer,  
SPSR Nellore District,  
Nellore.

**Rc. No: 360/2023/TO, Dt:20 .07.2023.**

Sir,

Sub:- APFD-F(C) Act, 1980 – Diversion of 1.27 Ha of Forest Land for diversion of forest land towards laying optical fiber cable along the Road in in RoW area in favour of M/s Reliance Jio Infocom Ltd for providing 4G communication in the State of Andhra Pradesh – Identification of DFL for CA purpose – CA Scheme submitted – Request administrative approval – Reg.

Ref:- 1. Prl. Chief Conservator of Forests, A.P. Mangalagiri Rc.No.EFS02- 17/18/2021-IT, Dt: 06.07.2023.  
2. Forest Range Officer, Naidupet Ref.No.137/2023/NDPT, dt.19.07.2023.  
3. This office Ref.No.360/2023/TO, Dt:19.07.2023.  
4. Chief Conservator of Forests, Tirupati Circle, Tirupati Rc.No.346/2023/M1, Dt:19.07.2023.

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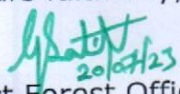
It is to inform that the degraded forest land to an extent of 2.54 Ha ( Double the extent of Forest land proposed for diversion for laying of optical fiber cable along the Road in favour of M/s Reliance Jio Infocom Ltd) was identified in Compartment No. 174 of Yellasiri RF of Chillamuru Beat of Naidupet Section of Naidupet Range. The DGPS survey and Raw data submitted by the user agency was submitted to the Prl. Chief Conservator of Forests (HoFF), Andhra Pradesh, Mangalagiri and in turn the Prl. Chief Conservator of Forests (HoFF), Andhra Pradesh, Mangalagiri has communicated the authenticated map in reference 1<sup>st</sup> cited.

Further it is to inform that the CA scheme submitted by the Forest Range Officer, Naidupet was submitted to the Chief Conservator of Forests for administrative approval in reference 3<sup>rd</sup> cited. The Chief Conservator of Forests, Tirupati has accorded administrative approval in reference 4<sup>th</sup> cited.

CA Scheme proposals and authenticated map is furnished herewith for taking further action.

Encl: CA Scheme

Yours faithfully,

  
District Forest Officer,  
Tirupati.

Copy submitted to the Chief Conservator of Forests, Tirupati for favour of kind information.

Copy submitted to the Prl. Chief Conservator of Forests (HoFF) , Andhra Pradesh, Mangalagiri for favour of kind information.



**COMPENSATORY AFFORESTATION SCHEME FOR LAYING OF OPTICAL FIBER CABLE ALONG THE ROAD IN FAVOUR OF M/S RELIANCE JIO INFOCOM LTD, IN COMPARTMENT NO. 174 OF YELLASIRI RF OF CHILLAMURU BEAT OF NAIDUPET SECTION OF NAIDUPET RANGE OF TIRUPATI DIVISION, TIRUPATI.**

**INTRODUCTION :**

Degraded forest land identified double to the extent (i.e., 2.54 Ha) in lieu of diversion of 1.27 Ha of Forest land proposed for diversion in Nellore and Tirupati Division, for Laying of optical fiber cable along the road in favour of M/s Reliance Jio Infocom Ltd, in Compartment no. 174 of Yellasi RF of Chillamuru Beat of Naidupet Section of Naidupet Range.

**COMPENSATORY AFFORESTATION SCHEME**

It is proposed to raise 2.54 Ha. Compensatory Afforestation Plantation and also being taken up SMC works for the above mentioned project.

**TECHNIQUE :**

**Raising & Maint. of Nursery :**

It is proposed to raise Misc. species nursery for raising of plantations in proposed CA area in 6"x12" size bag plants like, Red Sanders, Narayepi, Neredu, Maddi, Rose wood species etc., and maintaining nursery with watering, weeding, Shifting of the plants as per calendar of operations and ready to plants for plantations.

**Raising of Plantation :**

It is proposed to adopt Semi Mechanical Method for Raising of Plantations with espacement 3X3 Mtrs and clearing the plantation site by clearing of unwanted jungle growth, uprooted & collection of dead stumps in plantation area. After clearing the plantation site, deep ploughing the plantation area, Digging 45 centi metre cube pits, Transport of Plants to plantation site for planting. After planting the following calendar operations will be taken up i.e., replacement of causalities, inter ploughing, Circular weeding cum Soil work, fire tracing operations, pruning of lower foilage etc., and also engaging the Protection watcher for watch & ward the plantation.



**SMC Works :**

It is proposed to take up water harvesting structures in plantation area like Digging of CCTs etc. for raising of successful plantations in proposed CA area.

**Existing Species in proposed site:**

The proposed CA plantation area existing with the following species like, Gotti, Bikki, Kalivi, Tangedu etc of non timber forest produce etc.,

**Agency Responsible :** The Forest Department i.e, District Forest Officer, Tirupati (T) Division, Tirupati will implement the scheme.

**Project Period :** 10 Years from 2024-25 to 2035-36.

**Financial Out Lay :** Rs.25.47 Lakhs.

  
Forest Range Officer  
Naidupet.

  
Sub-Divisional Forest Officer,  
Venkatagiri

  
District Forest Officer,  
Tirupati.



COMPENSATORY AFFORESTATION SCHEME FOR LAYING OF OPTICAL FIBER CABLE ALONG THE ROAD IN FAVOUR OF M/S RELIANCE JIO INFOCOM LTD, IN COMPARTMENT NO. 174 OF YELLASIRI RF OF CHILLAMURU BEAT OF NAIDUPET SECTION OF NAIDUPET RANGE OF TIRUPATI DIVISION, TIRUPATI

ABSTRACT CUM YEAR WISE ACTION PLAN

ABSTRACT CUM YEAR WISE ACTION PLAN																													
Name of the work	Unit Cost		2024-25		2025-26		2026-27		2027-28		2028-29		2029-30		2030-31		2031-32		2032-33		2033-34		2034-35		2035-36		Total		
	Unit	Rate	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
2	3	4	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Nursery Cost																													
Raising of Misc. species Nursery	Nos	13200	3400	0.449	1400	0.203																							
Maintenance of Nursery	Nos	9680			3400	0.329	1400	0.149																					
Plantation Cost																													
Advance operations	Ha	56100	2.54	1.425																									
Raising /Treatment of Plantations	Ha	109560			2.54	2.783																							
1st year Maint.	Ha	53240					2.54	1.352																					
2nd year Maint.	Ha	58564							2.54	1.488																			
3rd year Maint.	Ha	46705									2.54	1.186																	
4th year Maint.	Ha	21259											2.54	0.540															
5th year Maint.	Ha	7210													2.54	0.183													
6th year Maint.	Ha	7717															2.54	0.196											
7th year Maint.	Ha	8489																	2.54	0.216									
8th year Maint.	Ha	9337																			2.54	0.237							
9th year Maint.	Ha	10271																											
10th year Maint.	Ha	11298																											
Chainlink fencing	LS		LS	10.00																						2.54	0.287		
SMC Works Cost			LS	1.000		1.000																							
Over heads	LS			1.126		0.485		0.149		0.212		0.114		0.060		0.017		0.004		0.004		0.003			0.009		0.003		
TOTAL :				14.000		4.800		1.650		1.700		1.300		0.600		0.200		0.200		0.220		0.240			0.270		0.290		

Forest Range Officer,  
Naidupet

Sub-Divisional Forest Officer,  
Venkatagiri

District Forest Officer  
Tirupati  
19/7/23



# UNIT COST FOR 1 HA ADVANCE OPERATIONS FOR RAISING OF PLANTATION

Sl. No	Qty	Description of work	FSR Item No	Rate	Per	Amount
1	2	3	4	5	6	7
		<b>Advance Operations :</b>				
1	Plantation	Survey with G.P.S. (only staff to carry out one man day is allowed for assistance).	02.05.001	490	Plantation	490
2	1 Ha	Preparation of site for planting by clearing thorny unsalable, unuaable jungle growth, creepers, bushes etc., spreading the cut material allover the site and burning the same ( <b>Light jungle growth (&gt;20% ground area covered with jungle growth).</b> )	02.05.004	8479.25	1 Ha	8479
3	1 Ha	Uprootal of stumps to a depth of 45 cm (excluding unsutable patches) with heavy machinery fitted with 0.90 cum and above capacity bucket, filling the pits caused by the uprootal and leveling. ( <b>Light jungle growth (&gt;20% ground area covered with jungle growth)</b> )	02.05.009	26450.94	1 Ha	26451
4	1 Ha	Collection and removal of uprooted sumps of all sizes, other debris etc., to outside the plantation site. ( <b>Light jungle growth (&gt;20% ground area covered with jungle growth).</b> )	02.05.013	14595.85	1 Ha	14596
5	L.S.	Contengencies such as unforceen expenditure like purchase of stationary, computer accessories, cost of Paints, Sharpning of tools etc.,	As per Actuls			984
UNIT COST FOR 1000 NOS AS PER THE FSR 2023-24 RATES						<b>51000</b>
<b>Add10% for escalation of rates for 2024-25</b>						<b>5100</b>
		Unit cost for 2024-25				<b>56100</b>
		Unit cost for 2025-26				61710
		Unit cost for 2026-27				67881
		Unit cost for 2027-28				74669
		Unit cost for 2028-29				82136
		Unit cost for 2029-30				90350
		Unit cost for 2030-31				99385
		Unit cost for 2031-32				109323
		Unit cost for 2032-33				120255
		Unit cost for 2033-34				132281
		Unit cost for 2034-35				145509
		Unit cost for 2035-36				160060

District Forest Officer,  
Tirupati.

19/7/23



### UNIT COST FOR 1 HA RAISING OF PLANTATION

Sl. No	Qty	Description of work	FSR Item No	Rate	Per	Amount
1	2	3	4	5	6	7

#### RAISING OPERATIONS


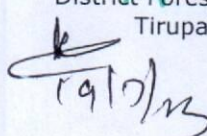
1	100	Rmts	Formation of sector lines / inspection paths to a width of 3M by giving surface treatment (sector to be in conformity with slope direction). All stumps to be cut to ground level. Applicable for plantations other than Semi Mechanical plantation	02.05.006	7.88	1	Rmt	788
2	1	Ha	Deep ploughing the plantation area to a depth of 30 cm with heavy duty tractor of 45 HP and above across the slope with mould board plough. (untilled Areas) in Hard /gravelly Soils.	02.05.020	8280.25	1	Ha.	8280
3	1111	Nos	Alignment and staking including laying base line for Misc species with espacement 3mX3m (1111 Nos).	02.06.003	123.30	100	Nos	1370
4	1111	Nos	Cost of 0.45 M stake preparation and transportation to site	02.06.005	80.27	100	Nos	892
5	1111	Nos	Digging of pits of size 0.45X0.45X0.45 cube pits in ploughed areras.	02.06.025	13.55	1	No	15054
6	1111	Nos	Transport of Bag plants up to 5 Kms including loading and unloading 15X30 cm (6'X12") bag plants upto 5Km lead	02.06.009	211.00	100	Nos	2344
7	1111	Nos	Transport of Bag plants / Root trainer plants beyond 5 Km - extra for every each Km. (6"x12") bag plants (5 to 50 kms).	02.06.014	332.55	100	Nos	3695
8	1111	Nos	Internal transport of bag plants/root trainers to planting points on head loads. (6"x12") bag plants.	02.06.019	135.35	100	Nos	1504
9	1111	Nos	Cost of Chemical fertilisers (SSP = 1111 Kgs & DAP = 444 Kg) as per actual cost	02.06.031		As per Actual		1000
10	1111	Nos	Application of fertilizer after planting by making 3 holes of 10 cmts depth with crow bar. 10 cmts away from plant and putting fertilizers and closing.	02.06.032	57.90	100	Nos	643
11	1111	Nos	Planting bag plants in 45cmX45cmX45 cm pits.	02.06.034	644.71	100	Nos	7163



Sl. No	Qty		Description of work	FSR Item No	Rate	Per		Amount
			<b>Replacement of casualties 20%</b>					
12	222	Nos	Re-opening of 45 Cm cube pits in ploughed aeras	02.06.036	13.55	1	No	3008
13	222	Nos	Transport of Bag plants from Nursery to Plantaion site over 5 Kms including loading and unloading 15X30 cm (6'X12") bag plants upto 5Km lead	02.06.036	211.00	100	Nos	468
14	222	Nos	Transport of Bag plants / Root trainer plants from plantation site including loading and unloading beyond 5 Km - extra for every each Km. (6"x12") bag plants (5 to 50 kms).	02.06.036	332.55	100	Nos	738
15	222	Nos	Internal transport of bag plants/root trainers to planting points on head loads. (6"x12") bag plants.	02.06.036	135.35	100	Nos	300
16	222	Nos	Planting bag plants.	02.06.036	644.71	100	Nos	1431
17	1111	Nos	1st Circular weeding to a radius of 0.5m around the plant (where there is no strip weeding done).	02.06.039	184.18	100	Nos	2046
			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 for the plants planted in pits without disturbing the soil around the plant to 10cm wide but weeding that part of area by hand and formation of saucer					
18	1111	Nos	ii. in hard gravellary soils.	02.06.041	967.08	100	Nos	10744
19	1	Ha	Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in Hard Graveelly areas, (un-tilled areas).	02.06.045	5519.35	1	Ha.	5519
20	1	No	Wages for watch & ward(12090/20) for 9months	02.03.013	637.00	1.00	Month	5733
21	160	Rmts	Fire tracing operations	02.06.049	8.99	1.00	Rmt	1438
22			Enumeration of plants, Plantation board, plantation stone etc.,	02.02.053				7400



Sl. No	Qty	Description of work	FSR Item No	Rate	Per	Amount
23	L.S.	Contengencies for Enumaeration of survivals in plantation including cost of paints, replacement of broken stones, nlations boards etc	LS		LS LS	1442
<b>UNIT COST FOR 01 HA AS PER THE FSR 2023-24 RATES</b>						<b>83000</b>
<b>Add 10% for escalation of rates for 2024-25</b>						<b>8300</b>
		Unit cost for 2024-25				<b>91300</b>
		Unit cost for 2024-25				<b>99600</b>
		Unit cost for 2025-26				109560
		Unit cost for 2026-27				120516
		Unit cost for 2027-28				132568
		Unit cost for 2028-29				145824
		Unit cost for 2029-30				160407
		Unit cost for 2030-31				176447
		Unit cost for 2031-32				194092
		Unit cost for 2032-33				213501
		Unit cost for 2033-34				234852
		Unit cost for 2034-35				258337
		Unit cost for 2035-36				284170

  
 District Forest Officer,  
 Tirupati.  


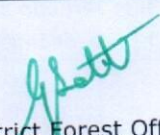


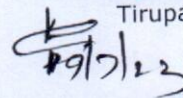
### UNIT COST FOR 1 HA 1ST YEAR MAINTENANCE OF PLANTATION

Sl. No	Qty		Description of work	FSR Item No	Rate	Per		Amount
1	2		3	4	5	6		7
			<b>1st Year Maintenance :</b>					
			<b>Replacement of casualties 25%</b>					
1	277	Nos	Re-opening of 45 Cm cube pits in ploughed aeras	02.07.001	13.55	1	No	3753
2	1111	Nos	Cost of DAP @ 25 Grams per plant for replacement of casualties (Purchased only from APAGRO Industries Ltd., / MARKFED)	02.02.029		As per Actuals		500
3	277	Nos	Application of fertilizer after planting by making 3 holes of 10 cmts depth with crow bar. 10 cmts away from plant and putting fertilizers and closing.	02.07.003	57.90	100	Nos	160
4	277	Nos	Transport of Bag plants from Nursery to Plantaion site over all 5 Kms including loading and unloading 15X30 cm (6'X12") bag plants upto 5Km lead	02.07.001	211.00	100	Nos	584
5	277	Nos	Transport of Bag plants / Root trainer plants from plantation site including loading and unloading beyond 5 Km - extra for every each Km. (6"x12") bag plants (5 to 50 kms).	02.07.001	332.55	100	Nos	921
6	277	Nos	Internal transport of bag plants/root trainers to planting points on head loads. (6"x12") bag plants.	02.07.001	135.35	100	Nos	375
7	277	Nos	Planting bag plants.	02.07.001	644.71	100	Nos	1786
8	1111	Nos	1st Circular weeding to a radius of 0.5m around the plant (where there is no strip weeding done).	02.07.009	184.18	100	Nos	2046
			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 for the plants planted in pits without disturbing the soil around the plant to 10cm wide but weeding that part of area by hand and formation of saucer					
9	1111	Nos	ii. in hard gravellary soils.	02.07.011	967.08	100	Nos	10744
12	1	Ha	Deep Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in Hard Graveelly areas, (un-tilled areas).	02.07.007	5519.35	1	Ha.	5519
14	160	Rmts	Fire tracing operations to a width of 3 M around the plot sector lines and Inspection Path.	02.07.014	8.99	1.00	Rmt	1438
15	1111	Nos	Pruning of lower foilage / branches of NTFP / NTSB / Misc. species plants upto 1/3 rd height.	02.07.015	183.03	100	Nos	2033



Sl. No	Qty		Description of work	FSR Item No	Rate	Per		Amount
16	1	No	Wages for watch & ward	02.07.017	637.00	1.00	Month	7644
17	L.S.		Contengencies for Enumaeration of survivals in plantation including cost of paints, replacement of broken stones, plations boards etc.	02.07.018				2497
<b>UNIT COST FOR 01 HA AS PER THE FSR 2023-24 RATES</b>								<b>40000</b>
	<b>Add 10% for escalation of rates for 2024-25</b>							<b>4000</b>
			Unit cost for 2024-25					<b>44000</b>
			Unit cost for 2025-26					48400
			Unit cost for 2026-27					53240
			Unit cost for 2027-28					58564
			Unit cost for 2028-29					64420
			Unit cost for 2029-30					70862
			Unit cost for 2030-31					77949
			Unit cost for 2031-32					85744
			Unit cost for 2032-33					94318
			Unit cost for 2033-34					103750
			Unit cost for 2034-35					114125
			Unit cost for 2035-36					125537

  
 District Forest Officer,  
 Tirupati.

  
 19/12/23



# UNIT COST FOR 1 HA 2ND YEAR MAINTENANCE OF PLANTATION

Sl. No	Qty	Description of work		FSR Item No	Rate	Per	Amount
1	2	3		4	5	6	7
<b>2nd Year Maintenance :</b>							
1	1111	Nos	Cost of DAP @ 25 Grams per plant for replacement of casualties (Purchased only from APAGRO Industries Ltd., / MARKFED)	02.08.001	Asper actuals		1000
2	277	Nos	Application of fertilizer after planting by making 3 holes of 10 cmts depth with crow bar. 10 cmts away from plant and putting fertilizers and closing.	02.08.002	57.90	100 Nos	160
			<b>Replacement of casualties 20%</b>				
3	277	Nos	Re-opening of 45 Cm cube pits in ploughed aeras	02.07.001	13.55	1 No	3753
4	277	Nos	Transport of Bag plants from Nursery to Plantaion site over all 5 Kms including loading and unloading 15X30 cm (6'X12") bag plants upto 5Km lead	02.07.001	211.00	100 Nos	584
5	277	Nos	Transport of Bag plants / Root trainer plants from plantation site including loading and unloading beyond 5 Km - extra for every each Km. (6"x12") bag plants (5 to 50 kms).	02.07.001	332.55	100 Nos	921
6	277	Nos	Internal transport of bag plants/root trainers to planting points on head loads. (6"x12") bag plants.	02.07.001	135.35	100 Nos	375
7	277	Nos	Planting bag plants.	02.07.001	644.71	100 Nos	1786
8	1111	Nos	1st Circular weeding to a radius of 0.5m around the plant (where there is no strip weeding done).	02.07.009	184.18	100 Nos	2046
			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 for the plants planted in pits without disturbing the soil around the plant to 10cm wide but weeding that part of area by hand and formation of saucer				
9	1111	Nos	ii. in hard gravellary soils.	02.08.004	967.08	100 Nos	10744
10	1	Ha	Deep Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in Hard Graveelly areas, (un-tilled areas).	02.08.008	5519.35	1 Ha.	5519
	160	Rmts	Creation of fire lines 3 mts wide	02.08.012	8.99	1.00 Rmt	1438
11	1111	Nos	Pruning of lower foilage / branches of NTFP / NTSH / Misc. species plants upto 1/3 rd height.	02.08.015	183.03	100 Nos	2033



Sl. No	Qty		Description of work	FSR Item No	Rate	Per		Amount
12	1	No	Wages for watch & ward	02.08.014	637.00	1.00	Month	7644
13	L.S.		Contengencies for Enumaeration of survivals in plantation including cost of paints, replacement of broken stones, plations boards etc.	02.03.014				1997
<b>UNIT COST FOR 01 HA AS PER THE FSR 2023-24 RATES</b>								<b>40000</b>
	<b>Add 10% for escalation of rates for 2024-25</b>							<b>4000</b>
			Unit cost for 2024-25					<b>44000</b>
			Unit cost for 2025-26					48400
			Unit cost for 2026-27					53240
			Unit cost for 2027-28					58564
			Unit cost for 2028-29					64420
			Unit cost for 2029-30					70862
			Unit cost for 2030-31					77949
			Unit cost for 2031-32					85744
			Unit cost for 2032-33					94318
			Unit cost for 2033-34					103750
			Unit cost for 2034-35					114125
			Unit cost for 2035-36					125537

District Forest Officer,  
Tirupati.

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19/1/23



# UNIT COST FOR 1 HA 3RD YEAR MAINTENANCE OF PLANTATION

Sl. No	Qty	Description of work	FSR Item No	Rate	Per	Amount
1	2	3	4	5	6	7

## 3rd Year Maintenance :

			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 for the plants planted in pits without disturbing the soil around the plant to 10cm wide but weeding that part of area by hand and formation of saucer					
1	1111	Nos	ii. in hard gravellary soils.	02.09.001	967.08	100	Nos	10744
2	1	Ha	Deep Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in Hard Graveelly areas, (un-tilled areas).	02.09.006	5519.35	1	Ha.	5519
3	200	Rmts	Creation of sectorlines/inspection paths/fire lines 3 mts wide around the plantation.	02.09.008	8.99	1.00	Rmt	1798
4	1111	Nos	Pruning of lower foilage / branches of NTFP / NTSB / Misc. species plants upto 1/3 rd height.	02.09.010	183.03	100	Nos	2033
5	1	No	Wages for watch & ward	02.09.009	637.00	1.00	Month	7644
6	L.S.		Contengencies for Enumaeration of survivals in plantation including cost of paints, replacement of broken stones, plations boards etc.	02.09.012				1262

## UNIT COST FOR 01 HA AS PER THE FSR 2023-24 RATES

29000

			<b>Add10% for escalation of rates for 2024-25</b>					<b>2900</b>
			Unit cost for 2024-25					<b>31900</b>
			Unit cost for 2025-26					35090
			Unit cost for 2026-27					38599
			Unit cost for 2027-28					42459
			Unit cost for 2028-29					46705
			Unit cost for 2029-30					51375
			Unit cost for 2030-31					56513
			Unit cost for 2031-32					62164
			Unit cost for 2032-33					68380
			Unit cost for 2033-34					75219
			Unit cost for 2034-35					82740
			Unit cost for 2035-36					91014

District Forest Officer,  
Tirupati.

*[Signature]*  
19/12/23



# UNIT COST FOR 1 HA 4TH YEAR MAINTENANCE OF PLANTATION

Sl. No	Qty	Description of work	FSR Item No	Rate	Per	Amount
1	2	3	4	5	6	7

## 4th Year Maintenance :

1	160	Rmts	Creation of sectorlines/inspection paths/fire lines 3 mts wide around the plantation.	02.10.001	8.99	1.00	Rmt	1438
2	1111	Nos	Pruning of lower foilage / branches of NTFP / NTSH / Misc. species plants upto 1/3 rd height.	02.10.003	183.03	100	Nos	2033
3	1	No	Wages for watch & ward	02.10.002	637.00	1.00	Month	7644
4	L.S.		Contengencies for Enumaeration of survivals in plantation including cost of paints, replacement of broken stones, plations boards etc.	02.10.004				885

## UNIT COST FOR 01 HA AS PER THE FSR 2023-24 RATES

12000

## Add10% for escalation of rates for 2024-25

1200

			Unit cost for 2024-25					13200
			Unit cost for 2025-26					14520
			Unit cost for 2026-27					15972
			Unit cost for 2027-28					17569
			Unit cost for 2028-29					19326
			Unit cost for 2029-30					21259
			Unit cost for 2030-31					23385
			Unit cost for 2031-32					25723
			Unit cost for 2032-33					28295
			Unit cost for 2033-34					31125
			Unit cost for 2034-35					34237
			Unit cost for 2035-36					37661

District Forest Officer,  
Tirupati.

18/10/23



# UNIT COST FOR 1 HA 5TH YEAR MAINTENANCE OF PLANTATION

Sl. No	Qty	Description of work	FSR Item No	Rate	Per	Amount
1	2	3	4	5	6	7
<b>5th Year Maintenance :</b>						
1	160	Rmts Creation of sectorlines/inspection paths/fire lines 3 mts wide around the plantation.	02.11.001	8.99	1.00	Rmt 1438
2	1111	Nos Pruning of lower foilage / branches of NTFP / NTSH / Misc. species plants upto 1/3 rd height.	02.11.002	183.03	100	Nos 2033
3	L.S.	Contengencies for Enumaeration of survivals in plantation including cost of paints, replacement of broken stones, platons boards etc.	02.11.003			229
<b>UNIT COST FOR 01 HA AS PER THE FSR 2023-24 RATES</b>						<b>3700</b>
<b>Add10% for escalation of rates for 2024-25</b>						<b>370</b>
		Unit cost for 2024-25				<b>4070</b>
		Unit cost for 2025-26				4477
		Unit cost for 2026-27				4925
		Unit cost for 2027-28				5417
		Unit cost for 2028-29				5959
		Unit cost for 2029-30				6555
		Unit cost for 2030-31				7210
		Unit cost for 2031-32				7931
		Unit cost for 2032-33				8724
		Unit cost for 2033-34				9597
		Unit cost for 2034-35				10557
		Unit cost for 2035-36				11612

District Forest Officer,  
Tirupati.



# UNIT COST FOR 1 HA 6TH YEAR MAINTENANCE OF PLANTATION

Sl. No	Qty	Description of work	FSR Item No	Rate	Per	Amount
1	2	3	4	5	6	7
<b>6th Year Maintenance :</b>						
1	160	Rmts Creation of sectorlines/inspection paths/fire lines 3 mts wide around the plantation.	02.12.001	8.99	1.00 Rmt	1438
2	1111	Nos Pruning of lower foilage / branches of NTFP / NTSH / Misc. species plants upto 1/3 rd height.	02.12.002	183.03	100 Nos	2033
3	L.S.	Contengencies for Enumaeration of survivals in plantation including cost of paints, replacement of broken stones, plations boards etc.	02.12.003			129
<b>UNIT COST FOR 01 HA AS PER THE FSR 2023-24 RATES</b>						<b>3600</b>
<b>Add10% for escalation of rates for 2024-25</b>						<b>360</b>

		Unit cost for 2024-25				<b>3960</b>
		Unit cost for 2025-26				4356
		Unit cost for 2026-27				4792
		Unit cost for 2027-28				5271
		Unit cost for 2028-29				5798
		Unit cost for 2029-30				6378
		Unit cost for 2030-31				7015
		Unit cost for 2031-32				7717
		Unit cost for 2032-33				8489
		Unit cost for 2033-34				9337
		Unit cost for 2034-35				10271
		Unit cost for 2035-36				11298

District Forest Officer,  
Tirupati.

*[Signature]*  
19/12/23



# UNIT COST FOR 1 HA 7TH YEAR MAINTENANCE OF PLANTATION

Sl. No	Qty	Description of work		FSR Item No	Rate	Per	Amount
1	2	3		4	5	6	7
7th Year Maintenance :							
1	160	Rmts	Creation of sectorlines/inspection paths/fire lines 3 mts wide around the plantation.	02.13.001	8.99	1.00	Rmt 1438
2	1111	Nos	Pruning of lower foilage / branches of NTFP / NTSH / Misc. species plants upto 1/3 rd height.	02.13.002	183.03	100	Nos 2033
3	L.S.		Contengencies for Enumaeration of survivals in plantation including cost of paints,replacement of broken stones,plations boards etc.	02.13.003			129
UNIT COST FOR 01 HA AS PER THE FSR 2023-24 RATES							3600
	Add10% for escalation of rates for 2024-25						360
			Unit cost for 2024-25				3960
			Unit cost for 2025-26				4356
			Unit cost for 2026-27				4792
			Unit cost for 2027-28				5271
			Unit cost for 2028-29				5798
			Unit cost for 2029-30				6378
			Unit cost for 2030-31				7015
			Unit cost for 2031-32				7717
			Unit cost for 2032-33				8489
			Unit cost for 2033-34				9337
			Unit cost for 2034-35				10271
			Unit cost for 2035-36				11298

District Forest Officer,  
Tirupati.

*ATN/23*



# UNIT COST FOR 1 HA 8TH YEAR MAINTENANCE OF PLANTATION

Sl. No	Qty	Description of work		FSR Item No	Rate	Per	Amount
1	2	3		4	5	6	7
8th Year Maintenance :							
1	160	Rmts	Creation of sectorlines/inspection paths/fire lines 3 mts wide around the plantation.	02.14.001	8.99	1.00 Rmt	1438
2	1111	Nos	Pruning of lower foilage / branches of NTFP / NTSH / Misc. species plants upto 1/3 rd height.	02.14.002	183.03	100 Nos	2033
3	L.S.		Contengencies for Enumaeration of survivals in plantation including cost of paints,replacement of broken stones,plations boards etc.	02.14.003			129
UNIT COST FOR 01 HA AS PER THE FSR 2023-24 RATES							3600
Add10% for escalation of rates for 2024-25							360
			Unit cost for 2024-25				3960
			Unit cost for 2025-26				4356
			Unit cost for 2026-27				4792
			Unit cost for 2027-28				5271
			Unit cost for 2028-29				5798
			Unit cost for 2029-30				6378
			Unit cost for 2030-31				7015
			Unit cost for 2031-32				7717
			Unit cost for 2032-33				8489
			Unit cost for 2033-34				9337
			Unit cost for 2034-35				10271
			Unit cost for 2035-36				11298

District Forest Officer,  
Tirupati.

*(Signature)*  
19/12/23



# UNIT COST FOR 1 HA 9TH YEAR MAINTENANCE OF PLANTATION

Sl. No	Qty	Description of work		FSR Item No	Rate	Per	Amount
1	2	3		4	5	6	7
9th Year Maintenance :							
1	160	Rmts	Creation of sectorlines/inspection paths/fire lines 3 mts wide around the plantation.	02.15.001	8.99	1.00 Rmt	1438
2	1111	Nos	Pruning of lower foilage / branches of NTFP / NTSH / Misc. species plants upto 1/3 rd height.	02.15.002	183.03	100 Nos	2033
3	L.S.		Contengencies for Enumaeration of survivals in plantation including cost of paints,replacement of broken stones,plations boards etc.	02.15.003			129
UNIT COST FOR 01 HA AS PER THE FSR 2023-24 RATES							3600

**Add10% for escalation of rates for 2024-25**

**360**

		Unit cost for 2024-25					<b>3960</b>
		Unit cost for 2025-26					4356
		Unit cost for 2026-27					4792
		Unit cost for 2027-28					5271
		Unit cost for 2028-29					5798
		Unit cost for 2029-30					6378
		Unit cost for 2030-31					7015
		Unit cost for 2031-32					7717
		Unit cost for 2032-33					8489
		Unit cost for 2033-34					9337
		Unit cost for 2034-35					10271
		Unit cost for 2035-36					11298

District Forest Officer,  
Tirupati.

*[Signature]*  
19/12/23



# UNIT COST FOR 1 HA 10TH YEAR MAINTENANCE OF PLANTATION

Sl. No	Qty	Description of work		FSR Item No	Rate	Per	Amount
1	2	3		4	5	6	7
10th Year Maintenance :							
1	160	Rmts	Creation of sectorlines/inspection paths/fire lines 3 mts wide around the plantation.	02.16.001	8.99	1.00	Rmt 1438
2	1111	Nos	Pruning of lower foilage / branches of NTFP / NTSH / Misc. species plants upto 1/3 rd height.	02.16.002	183.03	100	Nos 2033
3	L.S.		Contengencies for Enumaeration of survivals in plantation including cost of paints,replacement of broken stones,plations boards etc.	02.16.003			129
UNIT COST FOR 01 HA AS PER THE FSR 2023-24 RATES							3600
	Add10% for escalation of rates for 2024-25						360
			Unit cost for 2024-25				3960
			Unit cost for 2025-26				4356
			Unit cost for 2026-27				4792
			Unit cost for 2027-28				5271
			Unit cost for 2028-29				5798
			Unit cost for 2029-30				6378
			Unit cost for 2030-31				7015
			Unit cost for 2031-32				7717
			Unit cost for 2032-33				8489
			Unit cost for 2033-34				9337
			Unit cost for 2034-35				10271
			Unit cost for 2035-36				11298

*[Signature]*  
District Forest Officer,  
Tirupati.

*[Signature]*  
19/10/23



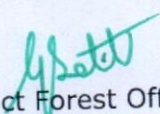
### DATA SHEET FOR RAISING OF NURSERY

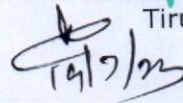
Sl. No	Qty		Description of work	FSR Item No	Rate	Per	Amount
1	2		3	4	5	6	7
1	11.36		Raising of Bag plant nursery in Polythene bags of different sizes and arranging in beds: (Bed size 10Mx1M)	Local rate	160.00	1 kg	1818
2	0.909	Nos	Site preparation for new sites - Clearing of growth, uprootal of stumps and removal of surface stones, rubbish of all sorts etc.	01-05-001	81.92	Bed	74
			Cost and transport of ingredients for Potting mixture Red Soil and Clayey Soil in 2:1 ratio				
3	1000	Nos	15 cm X 30 cm (6" X 12") 2.1500 cum for fresh filling only not for conversion.	01-05-005	849.39	1000 Nos	849.00
4	LS		Cost of chemicals, insecticides, pesticides etc.,	01-05-009	As per actuals		500
			Preparation of potting mixture Red Soil and Clayey Soil in 2:1 ratio by powdering of various ingredients, sieving and mixing them in the prescribed proportion				
5	1000	Nos	15 cm X 30 cm (6" X 12") 2.1500 cum for fresh filling only not for conversion.	01-05-011	2056.63	1000 Nos	2057.00
6	1000	Nos	Sowing /dibbling of pre-treated seed directly into the bags including cost of treatment.	01-05-017	129.49	1000 Nos	129.00
			<b>Raising of Bag Plants.</b>				
			Watering the plants twice a day for 10 m X 1 m size bed for 5 months.				0
7	0.909	Nos	iii. 6" X12" bags - 1100 Nos per bed	01-05-020	503.26	Per bed/month	2287
8	0.909	Nos	Weeding only two times for 10 m X 1 m size bed (2600 -4" X 7" bags; 1700-5" X9" bags ; 1100-6"X12" bags and 800-8"X12" bags)	01-05-022	77.59	Per bed/weeding	141
9	0.909	Nos	Shifting and grading and re-arranging in beds for 10mx1m size bed (bags; 1100-6"X12" bags only once.	01-05-024	427.94	Per bed/shifting	389
10	Ls		Cost of cow dung slurry	01-05-033	600	actuals	600
11	1000	Nos	Application of cow dung slurry	01-05-034	322.36	1000 nos	322



12	1000	Nos	Watch and Ward for 6months	Preamble 47.	254.8	1month	1934
12	L.S.		Contengencies electricity chargers motor repairs etc	As per Actuls			900
UNIT COST FOR 1000 NOS AS PER THE FSR 2023-24 RATES							12000
Add 10% for escalation of rates for 2024-25							1200

		Unit cost for 2024-25					13200
		Unit cost for 2025-26					14520
		Unit cost for 2026-27					15972
		Unit cost for 2027-28					17569
		Unit cost for 2028-29					19326
		Unit cost for 2029-30					21259
		Unit cost for 2030-31					23385
		Unit cost for 2031-32					25723
		Unit cost for 2032-33					28295
		Unit cost for 2033-34					31125
		Unit cost for 2034-35					34237
		Unit cost for 2035-36					37661

  
 District Forest Officer,  
 Tirupati.

  
 19/7/23



### DATA SHEET FOR MAINT. OF NURSERY

Sl. No	Qty	Description of work	FSR Item No	Rate	Per	Amount
1	2	3	4	5	6	7
		Maintenance of 1000 Nos 6"x12" Size Poly Bag Nursery				
		Watering the plants twice a day for 10 m X 1 m size bed for 4 months. (April to July )				
1	0.909	Nos iii. 6" X12" bags - 1100 Nos per bed	01-05-028	503.26	Per bed/month	1830
2	0.909	Nos iii. 6" X12" bags - 1100 Nos per bed from August to November	01-05-035	201.32	Per bed/month	732
3	0.909	Nos Weeding only four times for 10 m X 1 m size bed (2600 -4" X 7" bags; 1700-5" X9" bags ; 1100-6"X12" bags and 800-8"X12" bags)	01-05-030	77.59	Per bed/weeding	282
4	0.909	Nos Shifting and grading and re-arranging in beds for 10mx1m size bed (2600-4"X7" bags; 1700-5"X9" bags; 1100-6"X12" bags and 800-8"X12" bags) 2Times.	01-05-031	355.81	Per bed/shifting	647
5	Ls	Cost of cow dung slurry	01-05-033	600	actuals	600
6	1000	Nos Application of cow dung slurry	01-05-034	322.36	1000 nos	322
	1000	Nos Watch and Ward for 8months	Preamble 47.1	322.36	1month	2579
7	L.S.	Contingencies	As per Actuls			1008
UNIT COST FOR 1000 NOS AS PER THE FSR 2023-24 RATES						8000

**Add10% for escalation of rates for 2024-25**

**800**

	Unit cost for 2024-25				<b>8800</b>
	Unit cost for 2025-26				9680
	Unit cost for 2026-27				10648
	Unit cost for 2027-28				11713
	Unit cost for 2028-29				12884
	Unit cost for 2029-30				14172
	Unit cost for 2030-31				15590
	Unit cost for 2031-32				17149
	Unit cost for 2032-33				18864
	Unit cost for 2033-34				20750
	Unit cost for 2034-35				22825
	Unit cost for 2035-36				25107


District Forest Officer,  
Tirupati.

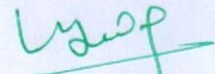
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9/12/23

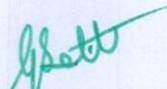


### Soil suitability Certificate

Certified that I have inspected the Compensatory Afforestation land which was identified in degraded forest land in Compartment No. 174 at Yellasiri RF of Chillamuru Beat of Naidupet Section of Naidupet Range. The degraded forest land identified for Compensatory Afforestation over an area of 2.54 Ha for raising of Compensatory Afforestation plantation. The soil type is mostly Red Gravelly loamy soil and suitable for raising of semi mechanical method plantation with species like Red Sanders, Narayepi, Neredu, Maddi, Rose wood species etc.,

  
Sub Divisional Forest Officer  
Venkatagiri

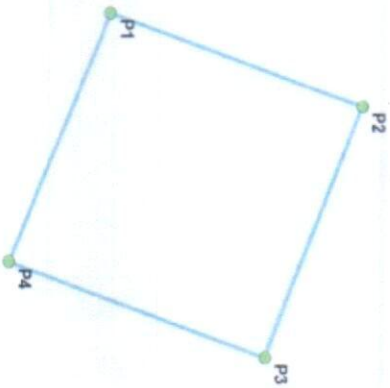
  
Forest Range Officer,  
Naidupet.

  
District Forest Officer  
Tirupati.



Map Showing the Degraded Forest Area Identified for Compensatory afforestation in Lieu of Diversion of forest Area for laying of OFC cable(jio) in Compartment no:174, at Yellasirol Rf of Chittamuru Beat of Naidupet Range of Tirupathi Division.

1:3000

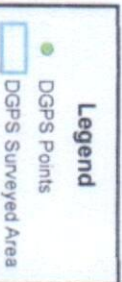


Name	Easting	Northing	Elevation	Latitude	Longitude
P1	392346.356	1540641.046	23.792	13.93389632	80.00345081
P2	392401.241	1540791.008	22.838	13.93525415	80.00395301
P3	392550.145	1540732.928	22.329	13.93473470	80.00533353
P4	392494.836	1540580.448	23.156	13.93335409	80.00482749

**Singam**  
FOREST RANGE OFFICER  
(GIS), O/o. P.R.CCF (HoFF),  
Aranya Bhavan, Guntur.

**Abdulla**  
District Forest Officer,  
Tirupathi.

Assessed Area : 2.58 Ha



The DGPS/GNSS/RTS data is only verified the absolute locations of Points as per the Gazette Notification shall be verified by the concerned field officers



13°55'50"N

13°56'10"N

13°56'10"N

80°0'0"E

80°10"E

80°20"E

80°30"E

13°55'50"N

13°56'10"N

13°56'10"N

80°0'0"E

80°10"E

80°20"E

80°30"E



**Government of Andhra Pradesh  
Forest Department**

Rc.No. 346/2023/M1,  
Date: 19.07.2023.

Office of the Chief Conservator of Forests  
Tirupati Circle, Tirupati.

**Sri N. Nageswara Rao, I.F.S.,**  
Chief Conservator of Forests.



--oOo--

**Sub:-** APFD - F (C) Act, 1980 - Diversion of 1.27 Ha. of Forest land for laying optical fibre cable along the Road in RoW area in favour of M/s Reliance Jio Infocomm Ltd. for providing 4G Communication in the State of Andhra Pradesh - CA Scheme submitted - Requested for administrative approval - Administrative approval accorded - Reg.

**Ref:-** 1. PCCF, A.P., Mangalagiri Rc.No. EFS02-17/18/2021-IT, dt: 06.07.2023.  
2. DFO, Tirupati Rc.No. 360/2023/TO, dt: 19.07.2023.

--oOo--

The District Forest Officer, Tirupati vide reference 2<sup>nd</sup> cited has submitted the CA scheme proposals for Rs. 25.470 lakhs and requested to issue Administrative approval for diversion of 1.27 Ha. of Forest land for laying optical fibre cable along the Road in RoW area in favour of M/s Reliance Jio Infocomm Ltd. for providing 4G communication in the State of Andhra Pradesh. The District Forest Officer, Tirupati has identified the non-Forest land double to the extent (2.5 Ha.) in Compt. No. 174 of Yellasiri RF of Chilamuri Beat of Naidupet Section & Range.

The proposals submitted by the District Forest Officer, Tirupati has been examined based on the FSR norms, instructions from the Principal Chief Conservator of Forests, A.P., Mangalagiri and as per the Forest (Conservation) Act, 1980 guidelines from time to time, accordingly Administrative approval is hereby accorded for **Rs. 25.470/- (Rupees twenty five lakhs forty seven thousand only)** for CA scheme (Nursery, Plantation, SMC & Overheads) for the period from 2024-25 to 2035-36 i.e., for 12 years.

The District Forest Officer, Tirupati should take further action as per the Forest (Conservation) Act, 1980 and guidelines from time to time and achieve the CA scheme without any short falls after receipt of the approval from the Government of India.

Receipt of the reference should be acknowledged.

**Sd/- N. Nageswara Rao,**  
Chief Conservator of Forests,  
Tirupati Circle,  
Tirupati.

**To**

The District Forest Officer, Tirupati.

Copy submitted to the Principal Chief Conservator of Forests & HoFF, A.P., Mangalagiri for favour of kind information.

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

Technical Officer

*[Signature]*  
19/7/23