

BRIEF WRITE UP ON CA DFL TO THE DOBCLE EXTENT FOR THE PROPOSED LAYING OF OFC FOR JIO

The Reliance JIO infocom has submitted the proposal for diversion of 2.6209 ha of forest land for laying of OFC in WL Eturnagarm Eturnagaram Division of Mulug District. The details of forest land proposed for diversion:

Sl. No.	Name of the Forest Block	Location	Length (M)	Width (M)	Area (Ha)
1	Tadvai	Pinapaka to Eturnagaram	4810.731	0.40	0.1925
2	Tadvai	Tadvai to Pambapuram	8900.140	0.40	0.3560
3	Tadvai	Tadvai to Eturnagaram	3977.820	0.40	0.1591
4	Tadvai	Tadvai to Eturnagaram	3397.230	0.40	0.1359
5	Chityal, Rajannapet Extn, Gangaram Extn	Eturnagaram to Neelampally	7289.140	0.40	0.2916
6	Padgepur	Eturnagaram to Neelampally	2997.080	0.40	0.1199
7	Chityal, Tavai, Signaram (S), Manasapally Extn	Eturnagaram to Neelampally	25131.600	0.40	1.0053
8	Tadvai	Pinapak to Eturnagaram	3179.279	0.40	0.1271
9	Tadvai	Tadvai to Eturnagaram	5838.480	0.40	0.2335
GRAND TOTAL:-			65521.50		2.6209

Accordingly DFL in double degraded further land identified in the following areas.

Sl.No	Range	RF	Compt. No	Beat	Area in Ha
1	Eturnagarm (S)	Tadvai	250	Chinnaboinapally	6.00

The CA Scheme in DFL area has been prepared double the area in proposed i.e., 4.7784 Ha (2.6209 Ha x 2 = 5.2418Ha or Say 6.00 Ha) as per current FSR 2019-20, with escalation of 10% every year.

Scheme details

As per the field condition and soil type it is proposed to raise plantation in CA DFL area under AR LIM (3 x 3) espacement i.e., 1111 plants/Ha.


Species proposed:

The NTSH species like Terminalia tomentosa, Haidwickia Binata, Pterocarpus, Marsupium, Madhuka latitolia etc., are proposed to plant in CA DFL area.

The CA scheme consists of (12) years plan including advance works and raising of plantations. It is proposed to plant tall seedlings in CA DFL. Accordingly necessary provision was made in CA scheme for raising & maintenance of nursery, raising of plantation, development of nursery infrastructure, SMC works etc. are provided in the Scheme.

Provisions made in the Scheme:

Sl. No.	Description	Quantity	Units	Amount in Rs.Lakhs
I	Raising of Plants in Nurseries & their Maintenance, Procurement of Plants	7500	No's	3.38465
II	Planting activities (LIM) - 3mx3m espacement - NTSH	6.00	ha	27.97277
III	Protection and SMC Works			6.22050
IV	Administrative Cost and unforeseen expenditure - 10%			3.31779
	Total year-wise financial outlay of the project			40.89571


Forest Division Officer
WL Eturnagaram

UNIT COST FOR RAISING OF PRIMARY BEDS

Sl. No.	FSR-2018-19 Code	Item of work	Unit	Rate (Rs.)	Amount (Rs.)
1	2	3	4	5	7
1	01.00.00	Raising of primary beds			
2	01.01.01	Preparation of new site	Bed	4.95	4.95
3	01.01.03	Digging of soil of the demarcated beds	Bed	38.15	38.15
4	01.01.04	Cost of sandy soil and transportation	Bed	28.85	28.85
5	01.01.05	5 Kms to 25 Kms	Bed	23.00	23.00
6	01.01.06	Cost of FYM	Bed	24.80	24.80
7	01.01.07	Mixing of soil with FYM	Bed	10.85	10.85
8	01.01.08	Covering the beds	Bed	12.40	12.40
9	01.01.09	Soil drenching			
10	01.01.10	Cost of seed	Bed	225.00	225.00
11	01.01.12	Sowing of seed	Bed	12.35	12.35
12	01.01.13	Watering the primary nursery beds	45 Days	13.90	20.85
13	01.01.14	Kerbing the primary beds	Bed	26.00	26.00
14	01.01.15	Cost of chemicals	Bed	26.00	26.00
16		Electrical Charges		26.00	26.00
		Total			479.20
		Rasing of seedlings 110% for abtaining 100%		10%	47.92
		Total			527.12
		cost of each plant (2000 plants per bed) - 2019-20			0.2636

Unit Cost for 2020-21

0.289916

Unit Cost for 2021 -22

0.318908

Unit Cost for 2021-23

0.350798


Forest Divisional Officer
Etumagaram WLM

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UNIT COST FOR BAG PLANT NURSERY (NOVEMBER TO MARCH)

SL No.	FSR-2018-19 Code	Item of work	Unit	Rate (Rs.)	Amount (Rs.)
1	2	3	4	5	7
		Raising of bag plant nursery 5x9			
1	01.03.01	Site preparation	Bed	49.60	49.60
2	01.03.03	Cost of polythene bag, (1700+5%=1785 Nos @ 293/kg for Rs 175/kg i.e. 1785/293=6.092 kgs x 175=1066.10	Bed	1066.10	1066.10
3	01.03.04	Cost of transportation of ingredients for potting mixture			
4	01.03.05	(b) 12.5 cm x 22.5 (5" x 9")	Bed	670.65	670.65
5	01.03.06	For every extra km beyond 5 Kms upto 25 Kms 12.5 cm x 22.5 (5" x 9")	Bed	175.10	175.10
6	01.03.08	Preparation of potting mixture (b) 12.5 cm x 22.5 (5" x 9")	Bed	1619.76	1619.76
7	01.03.08	Alignment of beds	Bed	7.60	7.60
8	01.03.09	Pricking out seedlings	Bed	239.19	239.19
9	01.03.11	Watering the plants (5 Months) a) Manually with rose cans or finely perforated nozzle	Bed	1365.50	1365.50
10	01.03.12	Weeding the beds (3 weeding)	Bed	150.45	150.45
11	01.03.13	Shifting, Grading and re-arranging (2 Gradings) twice	Bed	468.50	468.50
12	01.03.14	Replacement of casualties	Bed	66.50	66.50
13	01.03.15	Cost of foliar nutrient formulations	Bed	34.00	34.00
14	01.03.17	Weeding in the space (4 weeding)		136.80	
15		Watch and Ward (100 Beds) (5 Months) 5x 8757 /100Beds =437.85		437.85	437.85
16		Electricity charges		200.00	200.00
		Total			6550.80
		add casualty 10%			655.08
		Grand Total			7205.88
		cost of each plant (1700 plants per bed)			4.24

Unit Cost for 2020-21

Unit Cost for 2021-22

Unit Cost for 2022 -23

Unit Cost for 2023-24

4.662628

5.128891

5.641780

6.205958

Ch. Jy.
Forest Officer
Gumagaram WLM

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UNIT COST FOR MAINTENANCE OF BAG PLANTS (5"x9")

Sl. No.	FSR-2018-19 Code	Item of work	Unit	Rate	Amount
1	2	3	4	5	7
		Maintenance of Bag plants			
1	01.04.01	Watering poly bag (April to August)	Bed	1365.50	1365.50
2	01.03.19	Weeding (1 weeding)	Bed	50.15	50.15
3	01.03.20	Shifting and grading	Bed	468.50	468.50
		Electricity charges		200.00	200.00
		Watch and Ward (100 Beds) (5 Months) 5x 8757 /100Beds =437.85		437.85	437.85
		Total			2522.00
		cost of each plant (1700 plants per bed)			1.4835

Unit Cost for 2020-21

1.631882

Unit Cost for 2021-22

1.795071

Unit Cost for 2022-23

1.974578

Unit Cost for 2023-24

2.172035

Ch. Jy.
Forest Divisional Officer
Etumagaram WLM

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UNIT COST FOR CONVERSION FROM 5"x9" to 8"x12" (1000 plants)

Sl. No.	FSR-2018-19 Code	Item of work	Unit	Rate (Rs.)	Amount (Rs.)
1	2	3	4	5	7
		Conversion of bags from 5x9 to 8x12			
1	01.03.23	Cost & transportation of ingredients for potting mixture	1000 plants		
2	01.03.24	(e) transportaion of soil mixture from 5"x9" to 8"x12" polybags (up to 5 kms)	1000 plants	979.00	979.00
3	01.03.25	(e) transportaion of soil mixture from 5"x9" to 8"x12" polybags (5 kms to 25 kms = 20 kms)	1000 plants	496.00	496.00
2	01.03.27	Preparation of potting mixture by powering of various ingredients (e)5"x9" to 8"x12" polybags	1000 plants	1695.45	1695.45
3	01.03.32	Stakes to be provided to the plants	1000 plants	2358.75	2358.75
4	01.03.33	Weeding the plants (50.15x2x1000/800)	1000 plants	125.37	125.37
	01.03.34	Shifting, Grading	1000 plants	585.62	585.62
5	01.03.35	Watering the plants manually twice a day Manually with rose can (5 Months)	1000 plants	1707.19	1707.19
6	01.03.37	Cost of Fertilizers		20.00	20.00
7		Watch and Ward (100 Beds) (5 Months) 5x 8757 /100Beds =437.85	1000 plants	437.85	437.85
8		Cost of the ploythene bags (10000x1.15/86x175)	1150 bags	2340.12	2340.12
9		Electricity charges		400.00	400.00
		Total			11145.35
10	01.03.34	Contingencies @ 5%			557.27
		Total			11702.61
11		Add 10% Casuality			1170.26
		Grand Total			12872.87
12		cost of each plant			12.87

Unit Cost for 2020-21

Unit Cost for 2021-22

Unit Cost for 2022-23

Unit Cost for 2023-24

14.160162

15.576179

17.133797

18.847176

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Forest Divisional Officer
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UNIT COST FOR MAINTENANCE OF BAG PLANTS

Sl. No.	FSR-2018-19 Code	Item of work	Unit	Rate (Rs.)	Amount (Rs.)
1	2	3	4	5	7
		Maintenance of Bag plants			
1	01.04.01	Watering poly bag (April to August)	Bed	1365.60	1365.60
2	01.04.02	Weeding	Bed	50.15	50.15
3	01.04.03	Shifting and grading	Bed	468.50	468.50
4	01.04.05	Cost of fertilizers	As per actuals	20.00	20.00
5	01.04.06	Cost and transportation of cow dung slurry	Bed	25.00	25.00
6	01.04.07	Weeding in the space between the beds	Bed	27.60	27.60
7		Watch and Ward (100 Beds) (5 Months) 5x 8757 /100Beds =437.85		437.85	437.85
		Electricity charges		400.00	400.00
		Total			2794.70
8	01.04.08	Contingencies @ 5%			139.74
9		Total			2934.44
		cost of each plant (800 Plants per bed)			3.67

1365.50
50.15
468.50
200.00
437.85

Unit Cost for 2020-21
Unit Cost for 2021-22
Unit Cost for 2022-23
Unit Cost for 2023-24

4.034848
4.438333
4.882166
5.370383

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Forest Division Office
Bhusavaram VLM

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UNIT COST FOR MAINTENANCE OF BAG PLANTS (8"X12") from September to till disposal

Sl. No.	FSR-2017-18 Code	Item of work	Unit	Rate (Rs.)	Quantity	Amount (Rs.)
1	2	3	4	6		7
		MAINTENANCE OF BAG NURSERY FROM SEPTEMBER ONWARDS TILL DISPOSAL				
1	01.05.01	Watering the plants for 10 m X 1 m size secondary bed	Bed / month	168.70	10	1687.00
2	01.05.02	Shifting, grading and rearrangement in beds	Bed/shifting	234.25	3	702.75
3	01.05.04	Cost of Protection: One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 m x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondary beds or Teak beds of 10 m x 1 m size or combination of both. For more than 3 lakh RT or 300 secondary beds of Teak beds or combination of both another additional Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1 m x 1 m size. However, the above narrative is subject to the provisions cited under general instructions.	Month	87.57	10	875.70
		Total				3265.45
		cost of each plant (800 Plants per bed)				4.0818

Unit Cost for 2020 -21

Unit Cost for 2021-22

Unit Cost for 2022 -23

Unit Cost for 2023-24

4.489994

4.938993

5.432892

5.976182

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Forest Divisional Officer
Etumagaram WLM

Advance Operations under Labour Intensive Method with 3m x 3m espacement

Unit area 1.00 Ha.

FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.01.00	ADVANCE OPERATION (PRE-PLANTING OPERATION)				
02.01.01	Survey with hand-held GPS and demarcation - one manday is allowed for assistance.	1	356.65	Plantation	357
02.01.02	Clearance unsalable unwanted jungle growth Spreading the cut material all over the site; and Burning the same twice till completely burnt.				
	(a) Sparse Jungle growth (<10% ground area)	0.40	1982.25	Ha	793
	(b) Very light jungle growth (>10% and upto 20%)	0.40	2979.55	Ha	1192
	(c) Light Junelg Growht (>20%)	0.20	7000	Ha	1400
02.01.03	Formation of Sector Lines / Fire Lines to a width of 3 m by giving surface treatment (sector to be in conformity with slope direction). All stumps to be cut to ground level.	100	5.85	Rmt	585
02.01.05	Alignment and stacking including demarcation of baseline				
	(a) 3x3 m espacement	1111	85.1	100 No's	945
02.01.04	Cost of preparation of stakes (0.45 m length) and transportation to site	1111	54.25	100 No's	603
02.15.03	Digging of pits during January to March				
	(b) (ii) 60 cm cube size (0.216 cum) in hard gravelly and moram Soil (Manual)	1111	57.80	Each	64216
01.03.05	Cost and transportation of soil mixtue for filling half of the pit and spreading around the pit - 0.6 cm x 0.6 cm x 0.6 cm = 0.216 cum	86.4	394.50	cum	34085
			Total		104176
			Unit Rate for 2018 -19		104176

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 Forest Divisional Officer
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Raising of Plantation under Labour Intensive Method with 3m x 3m espacement


Unit area 1.00 Ha,

FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.01.00	Planting Operations during raising year				
02.02.01	Transportation of planting stock (including loading and unloading upto a distance of 5 Kms)				
	© 20 X 30 cm (8" x 12") bag plants	1111	196.6	100 Nos.,	2184.00
02.02.02	Transportation of Planting Stock (including loading and unloading) more than 5 km distance and upto 25 km distance				
	20 X 30 cm (8"X12") bag plants	1111	153.00	100 Nos.,	1700.00
02.02.03	Transportation of Planting Stock (including loading and unloading) more than 25 km distance and for every extra km (with prior written approval of Circle Head)(20kms)				
	(c) 20 X 30 cm (8"X12") bag plants	1111	77.00	100 Nos.,	855.00
02.02.04	Internal transportation to planting points on head loads				
	(c) 20 X 30 cm (8"X12") bag plants	1111	135.25	100 Nos.,	1503
	PLANTING: Seedlings of local species of secondary hardwood along with their associates and NTFP species will have to be chosen for planting. The minimum height of the planting stock to be planted is 0.75 m - 1m height (excluding the height of the bag)				
02.02.05	Application of 50 gm of SSP per pit (1 day before planting) for root growth and early establishment of plant after planting. Similarly, the bag plants to be planted are to be dipped inside Chloropyriphos solution (5 ml of Chloropyriphos in 1 lit water) either at nursery site before transport or at plantation site before planting	1111	37.40	100 Nos.,	416
02.02.06	Cost of SSP, Chloridine dust (50 gm) or Chloropyriphos (1111 x Rs. 2.25/-)	As per actual	2499.75	Ha.	2500
02.02.07	Planting in for 45 cm ³ pit	1111	416.65	100 Nos.,	4629
02.15.10	Cost of supporting stake of 2.5 m long sturdy and straight and minimum 10 cm girth at base	1111	15.75	1.00	17498
02.02.09/ 02.15.15	Watering to the plants - 15 waterings	1111	10042.50	100 Nos.,	111572
02.02.10	Replacement of Casualties: 20% during Raising Year & 25% in 1st year The casualty replacement should be done in 3 stages at an interval of 15 days immediately after planting during raising year.	50% of unit rate of original pitting during raising year and 100% during maint. year. Planting, transportation and internal transportation same as adopted during raising year			
02.15.03	60 cm cube size (0.216 cum) in hard gravelly and moram Soil (Manual)	222	28.90	Each	6422
	Transportation (Upto 5 Kms)	222	196.60	100 Nos.,	437
	Transportation (Upto 5 to 25 Kms)	222	153.00	100 Nos.,	340
	Transportation (Beyond 25 Kms)	222	77.00	100 Nos.,	171
	Internal transportation	222	135.25	100 Nos.,	301
	Planting in for 45 cm ³ pit	222	924.65	100 Nos.,	2055
02.02.11	Cost of DAP @ 25 gm / planting point	1111	0.75	Each	833
02.02.12	Application of fertilizer	1111	37.40	100 Nos.,	416
02.02.13	Weeding & saucer formation to a radius of 0.50 mts around the plant immediately after planting	1111	119.05	100 Nos.,	1323
02.02.14	Circular weeding to a radius of 0.50 m around the plant 90 days after planting (i.e. Aug-Sept)	1111	119.05	100 Nos.,	1323
02.02.15	Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec)				
	(b) For hard gravelly soil	1111	625.00	100 Nos.,	6944

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FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.02.16	Cutting of coppice growth flush to the ground to reduce the competition over the entire area duly retaining useful species after planting and placing the cut material in between the planting rows (to be undertaken during July - August)				
	(b) High rainfall zone > 800 mm (for Warangal, Khammam & Adilabad Circle.)	1	1393.60	Ha.	1394
02.09.24	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; 8757 x 9 = 78813	1	7881.30	Ha	7881
			Total		172697
			Unit Rate for 2019 -20		172697


 Forest Divisional Officer
 Etumagaram WLM

1st year maintenance of Plantation under Labour Intensive Method with 3m x 3m espacement

Unit area 1.00 Ha,

FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
01.03.05	Cost of transportation of soil mixtue for filling the pit and spreading around the pit - 25 % of pit - 0.25 x 0.6 cm x 0.6 cm x 0.6 cm	59.994	352.23	cum	21132
02.03.01	Replacement of Casualties: 20% during Raising Year & 25% in 1 st year The casualty replacement should be done in 3 stages at an interval of 15 days immediately after planting during raising year.	100% of unit rate of original pitting during raising year and 100% during maint. year. Planting, transportation and internal transportation same as adopted during raising			
02.15.03	60 cm cube size (0.216 cum) in hard gravelly and moram Soil (Manual)	278	57.8	Each	16054
	Transportation (Upto 5 Kms)	278	196.6	100 Nos.,	546
	Transportation (Upto 5 to 25 Kms)	278	153.00	100 Nos.,	425
	Transportation (Beyond 25 Kms)	278	77.00	100 Nos.,	214
	Internal transportation	278	135.25	100 Nos.,	376
	Planting in for 45 cm3 pit - Rs.396.80)	278	416.65	100 Nos.,	1157
02.02.11	Cost of DAP @ 25 gm / planting point	1111	0.75	Each	833
02.02.09	Watering to the plants-12 times	1111	3027.00	100 Nos.,	33630
02.03.02	Weeding & saucer formation to a radius of 0.50 mts around the plant immediately after planting	1111	119.05	100 Nos.,	1323
02.03.03	Circular weeding to a radius of 0.50 m around the plant 90 days after planting (i.e. Aug-Sept)	1111	119.05	100 Nos.,	1323
02.03.04	Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec)				
	(b) For hard gravelly soil	1111	625.00	100 Nos.,	6944
02.03.05	Cutting of coppice growth				
	(b) High rainfall zone > 800 mm (for Warangal, Khammam & Adilabad Circle.)	1	1393.60	Ha.	1394
02.03.06	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height during October	1111	118.35	100 Nos.,	1315
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	579.30	100 Rmt	579
02.10.09	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; 8757 x 12 = 105084	1	10508.40	Ha	10508
			Total		97753
			Unit Rate for 2019-20		97753

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Forest Divisional Officer
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2nd year maintenance Plantation under Labour Intensive Method with 3m x 3m espacement

Unit area 1.00 Ha.

FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.04.01	Weeding & saucer formation to a radius of 0.50 mts around the plant immediately after planting	1111	119.05	100 Nos.,	1323
02.04.02	Circular weeding to a radius of 0.50 m around the plant 90 days after planting (i.e. Aug-Sept)	1111	119.05	100 Nos.,	1323
02.04.03	Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec)				
	(b) For hard gravelly soil	1111	625.00	100 Nos.,	6944
02.04.04	Cutting of coppice growth	1	1393.60	Ha.	1394
	High rainfall zone > 800 mm (for Warangal, Khammam & Adilabad Circle.)				
02.04.05	Contengencies		Actual		5000
	i. Maintenance of pination boards		Actual		5000
	ii. Contengenci and Miscellenous				
02.02.20	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8757 x 12 = 105084	1	10508.40	Ha	10508
			Total		31492
					31492

Unit Rate for 2019 -20

Forest Divisional Officer
Etumagaram WLM

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3rd year maintenance Plantation under Labour Intensive Method with 3m x 3m espacement

Unit area 1.00 Ha.

FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.04.01	Weeding & saucer formation to a radius of 0.50 mts around the plant immediately after planting	1111	119.05	100 Nos.,	1323
02.04.02	Circular weeding to a radius of 0.50 m around the plant 90 days after planting (i.e. Aug-Sept)	1111	119.05	100 Nos.,	1323
02.04.03	Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec)				
	(b) For hard gravelly soil	1111	625.00	100 Nos.,	6944
02.04.04	Cutting of coppice growth				
	High rainfall zone > 800 mm (for Warangal, Khammam & Adilabad Circle.)	1	1393.60	Ha.	1394
02.04.05	Contengencies				
	i. Maintenance of plnation boards		Actual		5000
	ii. Contengenci and Miscellenous		Actual		5000
02.02.20	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8757 x 12 = 105084	1	10508.40	Ha	10508
			Total		31492
Unit Rate for 2019 -20					31492


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 Elumigaram WLM

4th year maintenance Plantation under Labour Intensive Method with 3m x 3m espacement

Unit area 1.00 Ha.

FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.04.01	Weeding & saucer formation to a radius of 0.50 mts around the plant immediately after planting	1111	119.05	100 Nos.,	1323
02.04.02	Circular weeding to a radius of 0.50 m around the plant 90 days after planting (i.e. Aug-Sept)	1111	119.05	100 Nos.,	1323
02.04.03	Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec)				
	(b) For hard gravelly soil	1111	625.00	100 Nos.,	6944
02.04.04	Cutting of coppice growth				
	High rainfall zone > 800 mm (for Warangal, Khammam & Adilabad Circle.)	1	1393.60	Ha.	1394
02.04.05	Contengencies				
	i. Maintenance of plnation boards		Actual		5000
	ii. Contengenci and Miscellenous		Actual		5000
02.02.20	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8757 x 12 = 105084	1	10508.40	Ha	10508
			Total		31492
Unit Rate for 2019 -20					31492


 Forest Divisional Officer
 Eumagaram WLM

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5th year maintenance Plantation under Labour Intensive Method with 3m x 3m espacement

Unit area 1.00 Ha,

FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.04.02	Circular weeding to a radius of 0.50 m around the plant 90 days after planting (i.e. Aug-Sept)	1111	119.05	100 Nos.,	1323
02.04.03	Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec)				
	(b) For hard gravelly soil	1111	625.00	100 Nos.,	6944
02.04.04	Cutting of coppice growth				
	High rainfall zone > 800 mm (for Warangal, Khammam & Adilabad Circle.)	1	1393.60	Ha.	1394
			Total		9661
Unit Rate for 2019 -20					9661

U. dy
Forest Officer
Eturnagaram WLM

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105

★ 6th year maintenance Plantatation under Labour Intensive Method with 3m x 3m espacement

Unit area 1.00 Ha,

FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.04.03	Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec)				
	(b) For hard gravelly soil	1111	625.00	100 Nos.,	6944
02.04.04	Cutting of coppice growth				
	High rainfall zone > 800 mm (for Warangal, Khammam & Adilabad Circle.)	1	1393.60	Ha.	1394
			Total		8338
Unit Rate for 2019 -20					8338

Al dy
 Forest Divisional Officer
 Eturnagaram WLM

107

7th year maintenance Plantation under Labour Intensive Method with 3m x 3m espacement

Unit area 1.00 Ha.

FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.04.03	Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec)				
	(b) For hard gravelly soil	1111	625.00	100 Nos.,	6944
02.04.04	Cutting of coppice growth				
	High rainfall zone > 800 mm (for Warangal, Khammam & Adilabad Circle.)	1	1393.60	Ha.	1394
			Total		8338
Unit Rate for 2019 -20					8338

0.0000

0.08338


Forest Officer
Etumagaram WLM

8th year maintenance Plantation under Labour Intensive Method with 3m x 3m espacement

Unit area 1.00 Ha.

FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.04.03	Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec)				
	(b) For hard gravelly soil				
02.04.04	Cutting of coppice growth	1111	625.00	100 Nos.,	6944
	High rainfall zone > 800 mm (for Warangal, Khammam & Adilabad Circle.)	1	1393.60	Ha.	1394
			Total		8338
			Unit Rate for 2019 -20		8338



Elumägarthi

351

109 (11)

9th year maintenance Plantation under Labour Intensive Method with 3m x 3m espacement

Unit area 1.00 Ha,

FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.04.03	Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec)				
	(b) For hard gravelly soil	1111	625.00	100 Nos.,	6944
02.04.04	Cutting of coppice growth				
	High rainfall zone > 800 mm (for Warangal, Khammam & Adilabad Circle.)	1	1393.60	Ha.	1394
			Total		8338
Unit Rate for 2019 -20					8338

Ch. dy
 Forest Divisional Officer
 Elumagaram WLM

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113

10th year maintenance Plantation under Labour Intensive Method with 3m x 3m espacement

Unit area 1.00 Ha.

FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.04.03	Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec)				
	(b) For hard gravelly soil	1111	625.00	100 Nos.,	6944
02.04.04	Cutting of coppice growth				
	High rainfall zone > 800 mm (for Warangal, Khammam & Adilabad Circle.)	1	1393.60	Ha.	1394
			Total		8338
Unit Rate for 2019 -20					8338


Forest Divisional Officer
Eumagaram WLM

DETAILS OF DFL AREA PROPOSED IN WLM ETURNAGARAM FOR THE PROPOSED DIVERSION OF FOREST LAND
FOR LAYING OF OPTICAL FIBRE CABLE OF RELLIANCE JIO LTD.

Sl.No	Range	RF	Compt. No	Beat	Area in Ha
1	Eturnagarm (S)	Tadvai	250	Chinnaboinapally	6.00
				Total Area:	6.00


Forest Divisional Officer
WLM Eturnagaram

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Map showing the area proposed for CA scheme under DFL
for diversion of Jio OFC (Area:6.000 Ha.)



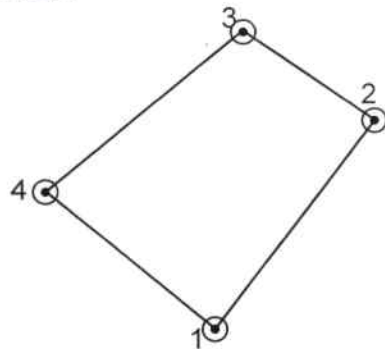
Area:6.00 Ha.

ETURNAGARAM (S) WLM RANGE

TADWAI BLOCK

REGULAGUDEM BEAT

250



S.No	Latt	Long
------	------	------

1	18.24824	80.45564
2	18.25023	80.45730
3	18.25096	80.45626
4	18.24935	80.45427

400 0 400 800 Meters

Forest Range Officer
Etumagaram (South)

Forest Divisional Officer
Etumagaram WLM
Jayashankar-Bhupalpally Dist

GPS POINTS
Compt Boundary
Beat Boundary

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