



**GOVERNMENT OF ANDHRA PRADESH
FOREST DEPARTMENT**

Rc.no.3064/2019/TO,
Dated:24.05.2023

Office of the Conservator of Forests & Field Director,
Project Tiger Circle, Nandyal.

**Sri Y.Srinivasa Reddy, IFS.,
Chief Conservator of Forests & Field Director**

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Sub: AP-Forest Department - Doubling railway line between Guntur and Guntakal stations- Diversion of forest land in Nandyal and Giddalur Divisions in favour of Deputy Chief Engineer, Constructions-IV, South Central Railway- Change of the project area from 29.26ha to 32.25ha- - Compensatory Afforestation (CA) Scheme for the CA area (Degraded Forest land) Identified in Compt. No.376 of Sirivel RF submitted by the District Forest Officer, Nandyal -Administration approval requested- accorded- Reg.

Ref: 1.PrI.CCF,AP,Guntur, Rc.no.EFS02-15022/8/2018-FCA -SEC-PCCF/FCA-1,dt.13.04.2023.

2. DFO, Nandyal, Rc.no.3036/2021-A4, Dt: 23.05.2023.

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Personal attention of the District Forest Officer, Nandyal is invited to the references cited.

It is informed that, the District Forest Officer, Nandyal has prepared the CA scheme as per the Instructions of the REC, Vijayawada members during the field visit of the above project on 17.04.2023. The District Forest Officer, Nandyal has submitted the Scheme proposals for the CA area (Degraded forest land) Identified in Compt.no.376 of Sirivel RF, Peddavangali Beat , D.V.Penta Section of Rudravaram Range of Nandyal Division of extent 70.00 ha. for Rs.1102.797 lakhs and requested administrative approval. Hence, the administrative approval is hereby accorded for Rs.1102.797 Lakhs on the responsibility of the District Forest Officer, Nandyal.

The District Forest Officer, Nandyal is requested to take further necessary action as per the instructions issued by the Pri. Chief Conservator of Forests and Head of Forest Force, Andhra Pradesh, Mangalagiri and GOI guidelines issued from time to time and upload the CA scheme details in PARIVESH web portal and report compliance.


Chief Conservator of Forests & Field Director (FAC)
Project Tiger Circle, Nandyal.

To
The District Forest Officer, Nandyal.

Copy transmitted to the Chief Conservator of Forests, Kurnool Circle, Kurnool for information (w/e).

Copy to the District Forest Officer, Kurnool for information and necessary action (w/e).

**GOVERNMENT OF ANDHRA PRADESH
FOREST DEPARTMENT**

From
Sri Vineet Kumar, IFS.,
District Forest Officer,
Nandyal.

To
The Chief Conservator of Forests &
Field Director,
Project Tiger Circle,
NANDYAL.

Rc.No.3036/2021/A4, Dated: 23-05-2023

Sir,

Sub: Forest Department – Doubling railway line between Guntur and Guntakal stations – Diversion of forest land in Nandyal and Giddalur Divisions in favour of Deputy Chief Engineer, Construction-IV, South Central Railway, Guntur – Change of the project area from 29.26 ha. to 32.25 ha. – Compensatory Afforestation (CA) scheme approved technical sanction and accord for administrative approval – Requested – Reg.

- Ref: 1) DFO, Kurnool Rc.No.3036/2021/H5, Dt. 25-11-2021
2) C.F. Kurnool Rc.No.3064/2019/TO, Dt. 26-11-2021
3) PCCF, AP, Guntur Rc.No.EFS02-15022/8/2018 FCA Dt.04-11-2022
4) DFO, Nandyal Rc.No.3036/2021/A4, Dt. 12-01-2023
5) CCF & FDPT, Nandyal Rc.No.3064/2019/TO Dt. 12-01-2023
6) PCCF, AP, Guntur Rc.No.EFS02-15022/8/2018 FCA SEC-PCCF /FCA-1, Dt. 13-04-2023

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Adverting to the reference 4th cited, it is submitted that the Compensatory Afforestation (CA) scheme is prepared for 65.52 ha. and submitted to the Chief Conservator of Forests & Field Director, Project Tiger Circle, Srisailam and the same was approved by the Chief Conservator of Forests & Field Director, Project Tiger Circle, Srisailam vide reference 5th cited for diversion of 32.25 ha. doubling railway line between Guntur-Guntakal stations.

Further it is submitted that in the reference 6th cited, the REC, Vijayawada and members during the field visit of the above project on 17-04-2023 they have suggested to identify suitable forest land (DFL) where semi mechanical method (SMM) plantation can be taken up in lieu of diversion of 32.25 ha. of forest land.

In this connection, it is submitted that the compensatory afforestation (CA) area (degraded forest land) in compartment No.376, Sirvel reserve forest, Peddavangali Beat, D.V.Penta Section of Rudravaram Range of Nandyal Division an extent of 70.0 ha. and compensatory afforestation (CA) scheme is prepared for 70.0 ha. and submitted to the Chief Conservator of Forests & Field Director, Project Tiger Circle, Nandyal.

In view of the above, it is requested to Chief Conservator of Forests & Field Director, Project Tiger Circle, Nandyal to accord administrative approval for the compensatory afforestation (CA) scheme for an outlay of Rs.1102.797 lakhs and communicate the same to this office for uploading the compensatory afforestation (CA) land details in PARIVESH portal and processing the proposal.

This is submitted for favour of information and necessary action.

Encl: As above

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

Technical Assistant

Yours faithfully,
Sd/-Vineet Kumar,
District Forest Officer,
Nandyal.

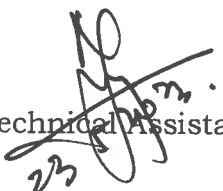
ABSTRACT

Sl. No.	Description of item	Phy.	Fin. (Rs in lakhs)
1	Cost of Plantation		
a	Raising & maint. of nurseries (Nos.)	135000	33.084
b	Raising and maintenance of plantations (ha.) (including provision for watering and imported soil)	70.00	615.930
2	Drilling of one borewells, electrical connection and laying of pipelines etc., (Nos.)	3	30.000
3	Cost of fencing (Rmt.)	7134.3	104.303
4	Construction of boundary pillars (Nos.)	66	9.636
5	Maintenance of buildings in Nandyal including FRO Office, Panyam Range	LS	70.000
6	Providing labour shed and protection of plantation and nursery at the site	LS	10.000
7	Tractor with tanker and tralley	LS	20.000
8	Purchase of Thar vehicle for protection	LS	20.000
9	SMC works 15% on the plantation cost (RFDs / PTs / MPTs / CDs / CCTs)	--	92.897
10	Monitoring & Evaluation (5% on the plantation cost)	LS	21.914
11	Overheads (10% on the plantation cost) (Repairs and replacement of Govt. buildings / Main. of Computers and Govt. vehicles / Office support like wages to Data Entry Operator and other misc. expenses etc.,) for O/o DFO, Nandyal	LS	75.033
		Grand Total	1102.797

Forest Range Officer,
Rudravaram Range.

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

Sd/-Vineet Kumar,
District Forest Officer,
Nandyal.


Technical Assistant

ABSTRACT CUM YEAR WISE ACTION PLAN

Sl. No	Name of the work	Unit	2023-24			2024-25			2025-26			2026-27			2027-28			2028-29		
			Phy	Unit rate	Fin	Phy	Unit rate	Fin	Phy	Unit rate	Fin	Phy	Unit rate	Fin	Phy	Unit rate	Fin	Phy	Unit rate	Fin
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
I NURSERY																				
a	Raising of 8"x12" nursery (Nos.)	1000 Nos	135000	0.220	29.700	19450	0.083	1.614	19450	0.091	1.770									
b	Maintenance of Nursery (Nos.)	1000 Nos				19450			19450											
	Nursery Total	135000			29.700	19450		1.614	19450		1.770	0		0.000			0.000			0.000
II PLANTATION																				
a	Advance operations	Ha				70	0.796	55.720												
b	Raising of plantation	Ha							70	1.742	121.940									
c	1st year maintenance of plantation	Ha										70	1.491	104.370						
d	2nd year maintenance of plantation	Ha													70	0.528	36.960			
e	3rd year maintenance of plantation	Ha																		
f	4th year maintenance of plantation	Ha																70	0.451	31.570
g	5th year maintenance of plantation	Ha																		
h	6th year maintenance of plantation	Ha																		
i	7th year maintenance of plantation	Ha																		
j	8th year maintenance of plantation	Ha																		
k	9th year maintenance of plantation	Ha																		
	10th year maintenance of plantation	Ha																		
	Plantation Total				0.000	70.00		55.720	70.00		121.940	70		104.370	70		36.960	70		31.570
	Nursery + Plantation Total				29.700			57.334			123.710			104.370			36.960			31.570
III	Drilling of one borewells, electrical connection and laying of pipelines etc.,	Nos	0	0.00	0.000	3	10.00	30.000			0.000			0.000			0.000			0.000
IV	Chainlinkfencing to the CA plantation area	Rmt		0.000	0.000	7134.3	0.0146	104.303			0.000			0.000			0.000			0.000
V	Boundary pillars around the Plantation sites	Nos		0.00	0.000	66	0.1460	9.636			0.000			0.000			0.000			0.000
VI	Improvement / Maintenance of buildings in Nandyal Division including FRO Office, Rudravaram	Nos	0	0	0.000	0	0.00	0.000	LS	35.00	35.000	LS	20.0	20.000	LS	15.0	15.000	--		0.000
VII	Providing labour shed and protection of plantation and nursery at the site	LS	0	0	0.000	LS		10.000	0	0	0.000	0	0	0.000	0	0	0.000	0	0	0.000
VIII	Tractor with tanker and tralley	LS	0	0	0.000	LS		0.000	0	0	20.000	0	0	0.000	0	0	0.000	0	0	0.000
IX	Purchase of Thar vehicle for protection	LS	0	0	0.000	LS		0.000	0	0	20.000	0	0	0.000	0	0	0.000	0	0	0.000
X	SMC works 15% on the plantation cost (RFDs/PTs/MPTs/CDS/CCTs)	Nos		--	0.000		--	8.600		--	18.556		--	15.656		--	5.544		--	4.736
XI	Monitoring & Evaluation (5% on the plantation cost)	LS	LS	--	0.000	LS	--	0.000	LS	--	0.000	LS	--	5.219	LS	--	1.848	LS	--	1.579
XII	Overheads (10% on the plantation cost) (Repairs and replacement of Govt. buildings/ Main. Of Computers and Govt. vehicles /Office support like wages to Data Entry Operator and other misc. expenses etc.,) for O/o DFO, Nandyal	LS	LS	--	0.000	LS	--	16.206	LS	--	15.000	LS	--	10.437	LS	--	3.696	LS	--	3.157
	Others (III to IX) Total				0.000			178.746			108.556			51.311			26.088			9.471
	GRAND TOTAL				29.700			236.080			232.266			155.681			63.048			41.041

Forest Range Officer,
Rudravaram Range.

Sd/-Vineet Kumar,
District Forest Officer,
Nandyal.

Technical Assistant
23/5

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Data for Raising of Misc. Nursery in 8"x12"x400 Guage Bag

Unit - 1000 Nos.

S. No	Quantity	Description of work	2023-24 FSR Item No.	Rate	Per	Amount
1	2	3	4	5	6	7
1	1.25	Preparation of New site - by clearing miscelaneous unvaiable Jungle growth, uprootal of stumps and removal of surface stones, pebbles etc.,	01-02-001	8.12	Bed	10.15
2	1.25	Digging soil to a depth of 30 cm. (as per CSSR)	01-02-003	60.12	Bed	75.15
3	1.25	Cost of sandy soil 50% of dugged quantity and transportation taken from private lands, with 5 kms lead loading and unloading charges by mannual means (Sandy soil and FYM. in 5:1 proprtion) 0.125 cum per bed. (as per CSSR)	01-02-004	49.28	Bed	61.60
4	1.25	Cost and transport of Farm yard manure (Sandy soil and FYM. in 5:1 proprtion) 0.025 cum per bed.	01-02-005	300.00	Bed	375.00
5	1.25	Preparation of soil mixture of red earth/sand and farm yard manure in 5:1 proportion and formation of bed by refilling the excavated portion of the bed and filling of bed.	01-02-006	16.79	Bed	20.99
6	1.25	Cost of seed (Misc.) @ 2 KG / bed	01-02-007	400.00	Bed	500.00
7	1.25	Sowing of seed and covering the bed with hay including cost and conveyance to a thickness of 2.5 cm.	01-02-008	19.08	Bed	23.85
8	1 No. / 2 months	Watering the primary nursery beds with rose water cans for a maximum period of 2 months.	01-02-009	21.42	Bed/ month	42.84
9	1 No. / 2 times	Weeding the primary beds. Maximum of 2 times	01-02-010	3.17	Bed/ month	6.34
10		Contingencies				47.43
		TOTAL (for 1000 seedlings)				1163.35
		Bag plants nursery in 8"x12" size				
11	1.25	Site Preparation for New site - for clearing of growth, uprootal of stumps and removal of surface stones, rubbish of all sorts.	01-04-001	81.92	Bed	102.40
12	1000 Nos.	Cost and transport of ingradients for Potting mixture Red Soil	01-04-006	1509.34	1000 Nos.	1509.34
13	1000 Nos.	Preparation of potting mixture Red Soil and Clayey Soil in 2:1 ratio by powdering of various ingradients, sieving and mixing them in the prescribed proporation, Opening the bags and filling with potting mixture and gently pressing the same with finger tip	01-04-011	4376.82	1000 Nos.	4376.82

S. No	Quantity	Description of work	2023-24 FSR Item No.	Rate	Per	Amount
1	2	3	4	5	6	7
14	18.50 Kgs	Cost of polythene bags	01-03-013	142.00	Kgs	1349.00
15	1000 Nos.	COST OF PRIMARY BEDS (Rs. 750 for 250 Seedlings for each seedling 950 / 250 =Rs. 3.00)	As per Data	3.80	Per Seedling	3800.00
16	1000 Nos.	Picking out seedlings from primary beds and transplanting in bags.	01-04-014	217.80	1000 Nos.	217.80
17	1.25 Bed / 4 Months	Watering the plants twice a day for 10 m X 1 m size bed (2600 4"x7" bags; 1700 5"x9" bags ; 1100 6"x12" bags and 800 8"x12" bags)	01-04-016	402.60	Per bed /month	2013.00
18	1.25 Bed / 2 times	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)	01-04-017	77.61	Per bed/weeding	194.03
19	1.25 Bed	Shifting and grading and re-arranging in beds 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) Only once.	01-04-018	355.80	Per bed/shifting	444.75
20	1000 Nos.	Cost of chemicals, insecticides, pesticides etc.,	01-03-019	As per actual		800.00
21	1 No. / 9 months	Wages for watch and ward from June to March @ Rs.8684/20 Ha-1 No@ Rs.480/- per day for 26 days in a month (As per District Collector wage rate)	02-03-053	624.00	Ha / PM	5616.00
22		Contingencies such as electricity bills, maintenance of motor and pipe line etc				413.52
Rate for 2023-24						22000.00
Add 10% extra rate for 2024-25						24200.00
Add 10% extra rate for 2025-26						26600.00
Add 10% extra rate for 2026-27						29300.00

Forest Range Officer,
Rudravaram Range.

//t.c.bo.//

Sd/-Vineet Kumar,
District Forest Officer,
Nandyal.

Technical Assistant



Data for Maintenance of Misc. Nursery in 8"x12" Bag

Unit - 1000 Nos.

S. No	Quantity	Description of work	2023-24 FSR Item No.	Rate	Per	Amount
1	2	3	4	5	6	7
1	1.25 Bed	Watering the plants twice a day for 10 m x 1 m; (800 - 8"x12" bags) (4 months)	01-04-020	402.60	Per Bed/ Month	2013.00
2	1.25 Bed	Weeding 4 times for 10m x 1m size bed (800 - 8"x12" bags)	01-04-021	77.61	Per Bed/ Weeding	388.05
3	1.25 Bed	Shifting and grading and re-arranging in beds for 10m x 1m size bed (800 - 8"x12" bags) (2 times)	01-04-022	355.80	Per Bed/ Shifting	889.50
4	1.25 Bed	Cost of Cow dung slurry	01-04-023	600.00	Per Bed	750.00
5	1000 Nos.	Application of cow dung slurry at the rate of 100 ml to 250 ml per plant depending upon the size of the plant monthly twice and maximum of three times (once in raising and 2 times in maintenance)	01-04-024	322.37	1000 Nos. per time	644.74
		Maintenance of bag nursery from August onwards till disposal				
6	1.25 Bed	Watering the plants twice a day for 10 m x 1 m; (800 - 8"x12" bags) (4 months)	01.04.025	201.30	Per Bed/ Month	1006.50
7	1.25 Bed	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)	01.04.031	124.80	As per District Collector Wage rate	1248.00
8	1 No.	Contingencies / Cost of pipes / Nursery Board / Nursery implements / Electrical bills, and maintenance charges of Oil engine (Bills to be verified and certified by the ACF/DFO) etc.				560.21
Rate for 2023-24						7500.00
Add 10% extra rate for 2024-25						8300.00
Add 10% extra rate for 2025-26						9100.00
Add 10% extra rate for 2026-27						10000.00
Add 10% extra rate for 2027-28						11000.00
Add 10% extra rate for 2028-29						12100.00

Forest Range Officer,
Rudravaram Range.

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Sd/-Vineet Kumar,
District Forest Officer,
Nandyal.

Technical Assistant

Data for Advance Operations for 1 Ha. Under Semi Mechanical Method

Sl. No	Qty	Description of work	2023-24 FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Plantation	Survey with GPS (Only staff to carry out) one manday is allowed for assistance (as per RSSR)	02-02-001	314.11	Plantation	314.11
2	1 Ha.	Preparation of site for planting by clearing thorny unsaleable, unusable jungle growth, creepers, bushes etc. spreading the cut material all over the site and burning the same.	02-02-005	13912.62	Ha.	13912.62
		Medium Jungle growth (> 30% ground area covered with Jungle growth)				
3	1 Ha.	Uprootal of stumps to a depth of 45 cm (excluding unsuitable patches) with heavy machinery fitted with 0.90 cum and above capacity bucket, filling the pits caused by uprootal and leveling.	02-02-010	32243.42	Ha.	32243.42
		Medium Jungle growth (> 30% ground area covered with Jungle growth)				
4	1 Ha.	Collection and removal of uprooted stumps of all sizes, other debris etc., to outside the plantation site.	02-02-014	17307.75	Ha.	17307.75
		Medium Jungle growth (> 30% ground area covered with Jungle growth)				
5	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)	02-02-020	8280.26	Ha	8280.26
		Hard /Gravelly Soils (50% extra on hard gravelly soil rate)				
6		Contingencies				341.84
Rate for 2023-24						72400.00
Add 10% extra rate for 2024-25						79600.00
Add 10% extra rate for 2025-26						87600.00

Forest Range Officer,
Rudraram Range.

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


Technical Assistant

Sd/-Vineet Kumar,
District Forest Officer,
Nandyal.

Data for Raising of Plantation at 3 Mtr x 3 Mtr. under Semi Mechanical Method for 1 Ha.

Sl. No.	Qty	Description of work	2023-24 FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1111 Nos.	Aligning and marking with guide pits	02-03-003	123.3	100 Nos.	1369.86
2	1111 Nos.	Digging of 45 Cm ³ pits in ploughed area	02-03-027	13.54	each	15042.94
3	1111 Nos.	Transport of 8"x12" PP seedlings by 30 Kms lead -	02-03-010 & 02-03-015	747.13	100 Nos.	8300.61
4	1111 Nos.	Internal transport of 8"x12"	02-03-020	209.28	100 Nos	2325.10
5	1111 Nos.	Planting seedlings in 45 Cm ³ pits	02-03-034	644.7	100 Nos	7162.62
6	1111 Nos.	Cost of Chemical fertilisers (50grm SSP for basal dressing, 20 grm DAP after planting for 30 cm ³ & 45 cm ³ pits).	02-03-031	2.30	As per actuals	2555.30
7	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	02-03-032	57.90	100 Nos.	643.27
8	1111 Nos.	Circular weeding cum soil working to a radius of 50 Cms around the plant in HG soils (2 times)	02-03-039	967.05	100 Nos	10743.93
9	1 Ha.	Interploughing to 30 Cms depth with HD tractor to 45 HP (2 times)	02-03-045	5519.33	1 Ha	5519.33
10	1111 Nos.	Enumeration of survivals 10% to survivals and 5% height once in November after growing season and once in March in dry season	02-03-054	34.53	100 Nos.	383.63
11	1111 Nos./ 10 times	Provision of watering for the seedlings planted 10 times	02-03-057	6.79	Per Plant per one time	75436.90
Replacement Casualties - 20%						
12	222 Nos.	Reopening of 45cm ³ pits 50% of Original rate	02-03-025	15.34	each	3405.48
13	222 Nos.	Transport of 8"x12" PP seedlings by 30 Kms lead -	02-03-010 & 02-03-015	747.13	100 Nos.	1658.63
14	222 Nos.	Internal transport of 8"x12"	02-03-020	209.28	100 Nos.	464.60
15	222 Nos.	Planting seedlings in 45 Cm ³ pits	02-03-034	644.7	100 Nos	1431.23
16	1 Ha./ 9 Months	Wages for watch and ward from June to March @ Rs.8684/20 Ha-1 No@ Rs.480/- per day for 26 days in a month (As per District Collector wage rate)	02-03-053	624.00	Ha / PM	5616.00
17	160 RMT	Fire lines to a width of 3 Mtrs.wide	02-03-049	8.99	Rmt	1438.40
18	L.S	Contingencies				502.00
Rate for 2023-24						144000.00
Add 10% extra rate for 2024-25						158400.00
Add 10% extra rate for 2025-26						174200.00
Add 10% extra rate for 2026-27						191600.00

Forest Range Officer,
Rurzvaram Range.
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Technical Assistant

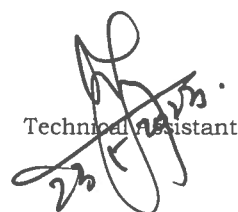
Sd/-Vineet Kumar,
District Forest Officer,
Nandyal.

Data for 1st Year Maintenance of AR (SMM) Plantation for 1 Ha.

Sl. No.	Qty	Description of work	2023-24 FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Replacement Casualties - 25%				
1	278 Nos.	Reopening of 45cm ³ pits 50% of Original rate	02-03-025	15.34	Each	4264.52
2	278 Nos.	Transport of 8"x12" PP seedlings by 30 Kms lead -	02-03-010 & 02-03-015	747.13	100 Nos.	2077.02
3	278 Nos.	Internal transport of 8"x12"	02-03-020	209.28	100 Nos.	581.80
4	278 Nos.	Planting seedlings in 45 Cm ³ pits	02-03-034	644.7	100 Nos	1792.27
5	1111 Nos.	circular weeding cum soil working to a radius of 50 Cms around the plant in HG soils (2 times)	02-04-007	967.05	100 Nos	10743.93
6	1 Ha.	Interploughing to 30 Cms depth with HD tractor to 45 HP	02-04-004	5519.33	1 Ha	5519.33
7	160 RMT	Creation of Fire lines 3 mts wide	02-04-008	8.99	Rmt	1438.40
7(a)	1111 Nos/ 10 Times	Watering the plants 10 times	02-03-057	6.79	Per plant per time	75436.90
8	1 Ha./ 12 Months	Wages for watch and ward from April to March @ Rs.8684/20 Ha-1 No@ Rs.480/- per day for 26 days in a month (As per District Collector wage rate)	02-04-009	624.00	Ha / PM	7488.00
9	880 Nos.	Pruning of lower foliage/ branches of NTFP species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3 rd height.	02-04-010	183.03	100 Nos	1610.66
10	1 Ha.	Enumeration of survivals, pest control, labour amenities, sharpening of tools, etc.	02-04-011	188.01	Ha	188.01
11	LS	Contingencies				859.16
Rate for 2023-24						112000.00
Add 10% extra rate for 2024-25						123200.00
Add 10% extra rate for 2025-26						135500.00
Add 10% extra rate for 2026-27						149100.00
Add 10% extra rate for 2027-28						164000.00

Forest Range Officer,
Rudravaram Range.

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


 Technical Assistant

Sd/-Vineet Kumar,
District Forest Officer,
Nandyal.

Data for 2nd Year Maintenance of AR (SMM) Plantation for 1 Ha.

Sl. No.	Qty	Description of work	2023-24 FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Replacement Casualties - 25%				
1	278 Nos.	Reopening of 45cm ³ pits 50% of Original rate	02-03-025	15.34	Each	4264.52
2	278 Nos.	Transport of 8"x12" PP seedlings by 30 Kms lead -	02-03-010 & 02-03-015	747.13	100 Nos.	2077.02
3	278 Nos.	Internal transport of 8"x12"	02-03-020	209.28	100 Nos.	581.80
4	278 Nos.	Planting seedlings in 45 Cm ³ pits	02-03-034	644.7	100 Nos	1792.27
5	1111 Nos.	circular weeding cum soil working to a radius of 50 Cms around the plant in HG soils (2 times)	02-04-007	967.05	100 Nos	10743.93
6	1 Ha.	Interploughing to 30 Cms depth with HD tractor to 45 HP	02-04-004	5519.33	1 Ha	5519.33
7	160 RMT	Creation of Fire lines 3 mts wide	02-04-008	8.99	Rmt	1438.40
8	1 Ha./ 12 Months	Wages for watch and ward from April to March @ Rs.8684/20 Ha-1 No@ Rs.480/- per day for 26 days in a month (As per District Collector wage rate)	02-04-009	624.00	Ha / PM	7488.00
9	880 Nos.	Pruning of lower foliage/ branches of NTFP species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3 rd height.	02-04-010	183.03	100 Nos	1610.66
10	1 Ha.	Enumeration of survivals, pest control, labour amenities, sharpening of tools, etc.	02-04-011	188.01	Ha	188.01
11	LS	Contingencies				296.06
Rate for 2023-24						36000.00
Add 10% extra rate for 2024-25						39600.00
Add 10% extra rate for 2025-26						43600.00
Add 10% extra rate for 2026-27						48000.00
Add 10% extra rate for 2027-28						52800.00
Add 10% extra rate for 2028-29						58100.00

Forest Range Officer,
Rudravaram Range.

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

Sd/-Vineet Kumar,
District Forest Officer,
Nandyal.

Technical Assistant



Data for 3rd Year Maintenance of AR (SMM) Plantation for 1 Ha

Sl. No.	Qty	Description of work	2023-24 FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1111 Nos.	Circular weeding cum soil working in HG soils	02-06-001	967.05	100 Nos	10743.93
2	1 Ha.	Deep Interploughing with heavy duty tractor	02-06-004	5519.33	1 Ha	5519.33
3	160 RMT	Creation of Fire lines 3 mts wide	02-06-005	8.99	Rmt	1438.40
4	1 Ha./ 12 Months	Wages for watch and ward from April to March @ Rs.8684/20 Ha-1 No@ Rs.480/- per day for 26 days in a month (As per District Collector wage rate)	02-06-006	624	Ha / PM	7488.00
5	880 Nos.	Pruning of lower foliage/ branches of NTFP species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3 rd height.	02-06-007	183.03	100 Nos	1610.66
6	1 Ha.	Enumeration of survivals, pest control, labour amenities, sharpening of tools, etc.	02-06-008	188.01	Ha	188.01
7	LS	Contingencies				1012.00
Rate for 2023-24						28000.00
Add 10% extra rate for 2024-25						30800.00
Add 10% extra rate for 2025-26						33900.00
Add 10% extra rate for 2026-27						37300.00
Add 10% extra rate for 2027-28						41000.00
Add 10% extra rate for 2028-29						45100.00
Add 10% extra rate for 2029-30						49600.00

Forest Range Officer,
Rudraram Range.

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

Sd/-Vineet Kumar,
District Forest Officer,
Nandyal.

Technical Assistant



Data for 4th Year Maintenance of AR (SMM) Plantation for 1 Ha

Sl. No.	Qty	Description of work	2023-24 FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1111 Nos.	Circular weeding cum soil working in HG soils	02-07-002	967.05	100 Nos	10743.93
2	1 Ha.	Deep Interploughing with heavy duty tractor	02-07-008	5519.33	1 Ha	5519.33
3	160 RMT	Creation of Fire lines 3 mts wide	02-07-001	8.99	Rmt	1438.40
4	1 Ha./ 12 Months	Wages for watch and ward from April to March @ Rs.8684/20 Ha-1 No@ Rs.480/- per day for 26 days in a month (As per District Collector wage rate)	02-07-005	624.00	Ha / PM	7488.00
5	880 Nos.	Pruning of lower foliage/ branches of NTFP species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3 rd height.	02-07-006	183.03	100 Nos	1610.66
6	1 Ha.	Enumeration of survivals, pest control, labour amenities, sharpening of tools, etc.	02-07-007	188.01	Ha	188.01
7	LS	Contingencies				512.00
Rate for 2023-24						27500.00
Add 10% extra rate for 2024-25						30300.00
Add 10% extra rate for 2025-26						33300.00
Add 10% extra rate for 2026-27						36600.00
Add 10% extra rate for 2027-28						40300.00
Add 10% extra rate for 2028-29						44300.00
Add 10% extra rate for 2029-30						48700.00
Add 10% extra rate for 2030-31						53600.00

Forest Range Officer,
Rudravaram Range.

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

Sd/-Vineet Kumar,
District Forest Officer,
Nandyal.

Technical Assistant



Data for 5th Year to 10th year Maintenance of AR (SMM) Plantation for 1 Ha

Sl. No.	Qty	Description of work	2023-24 FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	160 RMT	Creation of Fire lines 3 mts wide	02-08-001	8.99	Rmt	1438.40
2	1 No./ 12 Months	Wages for watch and ward from April to March @ Rs.8684/20 Ha-1 No@ Rs.480/- per day for 26 days in a month	02-08-005	624.00	Ha/PM	7488.00
3	1111 Nos.	One weeding cum soil working	02-08-002	967.05	100 Nos.	10743.93
4	880 Nos.	Pruning of lower foliage/ branches of NTFP species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3 rd height.	02-08-006	183.03	100 Nos	1610.66
5	1 Ha.	Enumeration of survivals, pest control, labour amenities, sharpening of tools, etc.	02-08-007	188.01	Ha	188.01
6	LS	Contingencies				531.00
Rate for 2023-24						22000.00
Add 10% extra rate for 2024-25						24200.00
Add 10% extra rate for 2025-26						26600.00
Add 10% extra rate for 2026-27						29300.00
Add 10% extra rate for 2027-28						32200.00
Add 10% extra rate for 2028-29						35400.00
Add 10% extra rate for 2029-30						38900.00
Add 10% extra rate for 2030-31						42800.00
Add 10% extra rate for 2031-32						47100.00
Add 10% extra rate for 2032-33						51800.00
Add 10% extra rate for 2033-34						57000.00
Add 10% extra rate for 2034-35						62700.00
Add 10% extra rate for 2035-36						69000.00
Add 10% extra rate for 2036-37						75900.00

Forest Range Officer,
Rudravaram Range.

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

Sd/-Vineet Kumar,
District Forest Officer,
Nandyal.


 Technical Assistant

Data Sheet for Construction of RCC Boundary Pillar

Each No.

Sl No.	Description of work	Nos	Measurements in Mts			Quantity	Rate / Per	Amount
			Length	Breadth	Height			
1	2	3	4	5	6	7	8	9
1	Clearing of juliflora (Prosopis) Jungle including uprooting and removing of Juliflora stumps	1 x 1	3.00	3.00	--	6.000	8.20	49.20
						Sqmt	per Sqmt	
2	Earth work excavation in Hard gravelly soils	1 x 1	1.20	1.20	0.45	0.648	337.98	219.01
						Cum	Cum	
3	CC (1:2:4) using 20 mm metal							
	a) Below GL	1 x 1	1.20	1.20	0.45	0.648		
	b) Above GL	1 x 1	(0.45 + 0.3)/2	(0.45 + 0.3)/2	1.20	0.169		
						0.817	7786.54	6361.60
						Cum	Cum	
4	Plastering with CM (1:4)	1 x 4	1.20	(0.45 + 0.3)/2	--	1.800	6559.25	1180.67
						Sqmt	10 Sqmt	
5	White Washing	1 x 4	1.20	(0.45 + 0.3)/2	--	1.800	755.25	135.95
						Sqmt	10 Sqmt	
6	Cost of Steel and its fabrication charges etc. complete	1 x 1	--	--	--	2.900	134.20	389.18
						KGs	Per KG	
4	Contingencies							
								1664.40
						TOTAL		10000.00
								Per No
Unit Rate for 2021-22								11000.00
Add 10% extra rate for 2022-23								12100.00
Add 10% extra rate for 2023-24								13300.00
Add 10% extra rate for 2024-25								14600.00

Forest Range Officer,
Rudravaram Range.

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

Technical Assistant

Sd/-Vineet Kumar,
District Forest Officer,
Nandyal.

DATA FOR ERECTION OF CHAINLINK FENCING FOR 1 KM

Unit per km.

Sl. No.	Qty	Description of work	2023-24 FSR/SSR Item	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1800 Sq Mts	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979 - PVC Coated - 3"x3" (102 mm x 102 mm) - 8 Gauge	BMT-F.22, MAT00888 CSSR 2022-23	436.70	1 Sqm	786060.00
		Add GST @ 18%				141491.00
2	200 Nos / 2052 Kgs	Angular at the 1.8 Mtrs height @ 5.70 Kgs/ 1 Mtr for 1.8 mt of size 75 mmx75mmx5mm	CSSR	95.55 (including fabrication charges)	Kg	196069.00
3	1800 Sq Mts	Transport of Chain link mesh to the site	LS			25000.00
4	1800 Sq Mts	Internal transport of Chain link mesh (of size 25 mts x 7 feet height)	05-15-014 FSR 2023-24 Kurnool Circle	114.22	Per 1 No.	8224.00
5	200 Nos	Digging of 45 cm. cube pits in hard gravelly soils	02-03-025 FSR 2023-24 Kurnool Circle	30.68	Each	6136.00
6	18 cum	Filling with CC(1:3:6) with 40mm metal with using 20 mm HBG	CSSR	5360	Cum	96480.00
7	1800 Sq Mts	Opening the Rolls, stretching and fixing chain link mesh to the pipes including tying with GI bolts / nuts (4 Nos. holes per each angler) (of size 25 mts x 7 feet height)	05-15-015 FSR 2023-24 Kurnool Circle	360.17	10 Sq Mts	64831.00
8		Contingencies etc.,	LS			4822.00
Unit Rate for 2023-24						1329113.00
Add 10% extra rate for 2024-25						1462000.00
Add 10% extra rate for 2025-26						1608200.00
Add 10% extra rate for 2026-27						1769000.00

Cost of Chain link mesh per km is =12,44,500/1000 **Rmt** = Rs.1244.50/- (or) **Rs.1245/-**

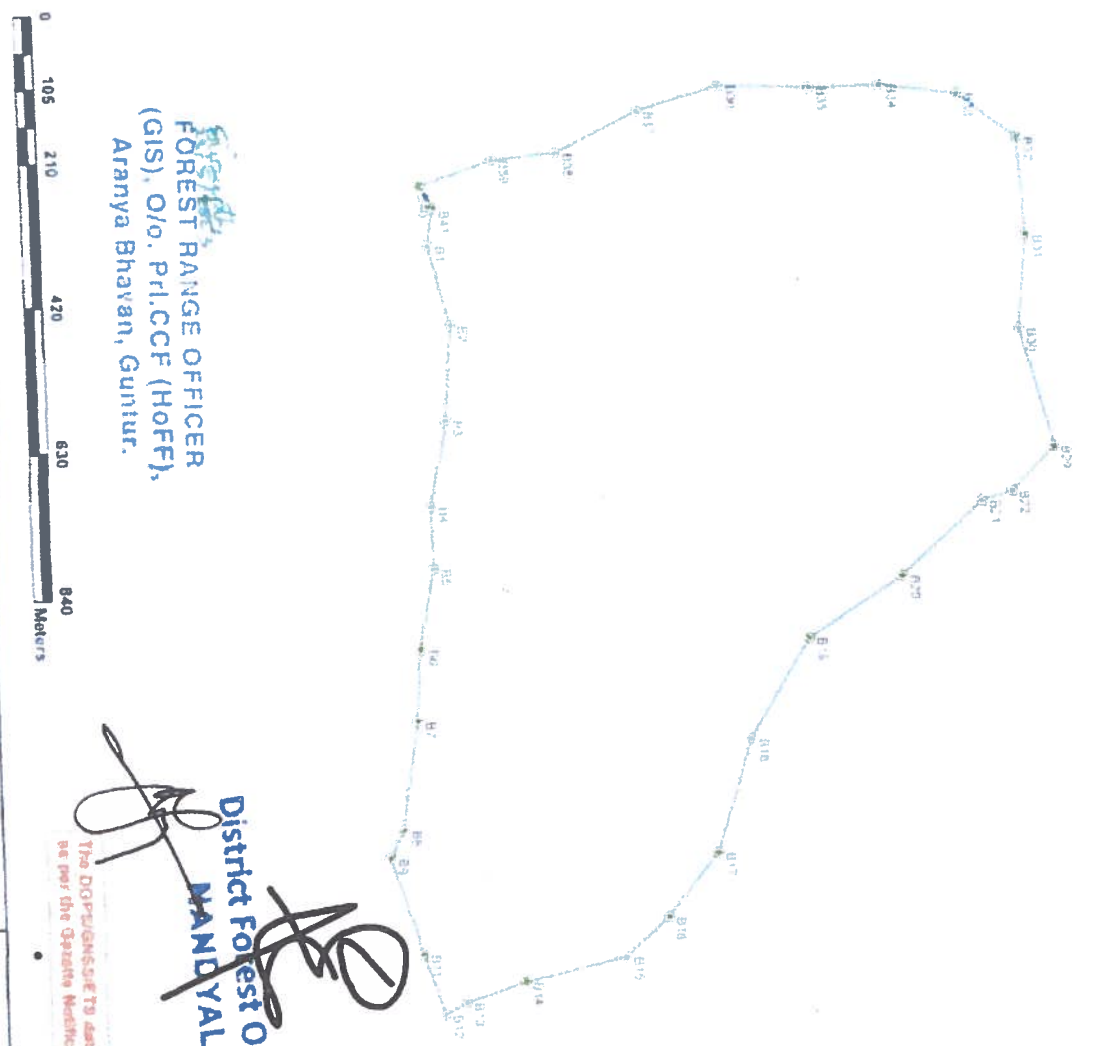
Forest Range Officer,
Rudravaram Range.

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

Sd/-Vineet Kumar,
District Forest Officer,
Nandyal.

Technical Assistant

Map Showing the Degraded Forest Land Identified for CA in in compartment Nos. 375, 376 & 377 of Sivel Est-III RF, Peddavaruram Range of Nandyal Division in lieu of Diversion of Forest land for Doubling & Electrification of track between Guntur and Guntakal Stations in of Nandyal & Giddalur Divisions in favour of Deputy Chief Engineer, Construction-IV, South Central Railway, Guntur, Andhra Pradesh.



The DGPS/GNSS data is only verified, the absolute locations of points are not. The quantity modification shall be verified by the concerned field officers.

S.No	Name	Northing	Easting	Elevation	Latitude	Longitude
1	B-1	1658168.710	245002.816	90.417	14.98817618	78.63718465
2	B-2	1658394.744	246013.710	90.343	14.98837676	78.63821041
3	B-3	1658481.078	246140.078	91.913	14.98836506	78.63944368
4	B-4	1658357.290	246126.210	92.764	14.98836219	78.64056246
5	B-5	1658147.077	246151.519	94.106	14.98836860	78.64115509
6	B-6	1658151.603	246167.693	95.778	14.98836904	78.64239078
7	B-7	1658123.227	246162.252	97.092	14.98755756	78.64470157
8	B-8	1658126.641	246171.189	99.008	14.98737055	78.64590078
9	B-9	1658175.581	246179.403	99.322	14.98771647	78.64810090
10	B-10	1658317.708	246085.705	102.435	14.98771647	78.64810090
11	B-11	1658445.716	246086.947	104.712	14.98802379	78.64810090
12	B-12	1658376.991	246051.721	103.900	14.98810645	78.64891076
13	B-13	1658401.913	246177.210	103.034	14.98907104	78.64669406
14	B-14	1658607.982	246187.635	104.181	14.99038661	78.64805511
15	B-15	1658669.276	246064.954	105.541	14.99093617	78.64999986
16	B-16	1658744.378	246179.986	108.901	14.99159174	78.65111782
17	B-17	1658884.171	246105.546	109.395	14.99189273	78.65219012
18	B-18	1659026.455	246189.475	109.222	14.99118846	78.65184155
19	B-19	1659135.911	246259.712	109.354	14.99118846	78.65184155
20	B-20	1659135.911	246259.712	109.354	14.99118846	78.65184155
21	B-21	1659135.911	246259.712	109.354	14.99118846	78.65184155
22	B-22	1659135.911	246259.712	109.354	14.99118846	78.65184155
23	B-23	1659135.911	246259.712	109.354	14.99118846	78.65184155
24	B-24	1659135.911	246259.712	109.354	14.99118846	78.65184155
25	B-25	1659135.911	246259.712	109.354	14.99118846	78.65184155
26	B-26	1659135.911	246259.712	109.354	14.99118846	78.65184155
27	B-27	1659135.911	246259.712	109.354	14.99118846	78.65184155
28	B-28	1659135.911	246259.712	109.354	14.99118846	78.65184155
29	B-29	1659135.911	246259.712	109.354	14.99118846	78.65184155
30	B-30	1659135.911	246259.712	109.354	14.99118846	78.65184155
31	B-31	1659135.911	246259.712	109.354	14.99118846	78.65184155
32	B-32	1659135.911	246259.712	109.354	14.99118846	78.65184155
33	B-33	1659135.911	246259.712	109.354	14.99118846	78.65184155
34	B-34	1659135.911	246259.712	109.354	14.99118846	78.65184155
35	B-35	1659135.911	246259.712	109.354	14.99118846	78.65184155
36	B-36	1659135.911	246259.712	109.354	14.99118846	78.65184155
37	B-37	1659135.911	246259.712	109.354	14.99118846	78.65184155
38	B-38	1659135.911	246259.712	109.354	14.99118846	78.65184155
39	B-39	1659135.911	246259.712	109.354	14.99118846	78.65184155
40	B-40	1659135.911	246259.712	109.354	14.99118846	78.65184155
41	B-41	1659135.911	246259.712	109.354	14.99118846	78.65184155
42	B-42	1659135.911	246259.712	109.354	14.99118846	78.65184155
43	B-43	1659135.911	246259.712	109.354	14.99118846	78.65184155
44	B-44	1659135.911	246259.712	109.354	14.99118846	78.65184155

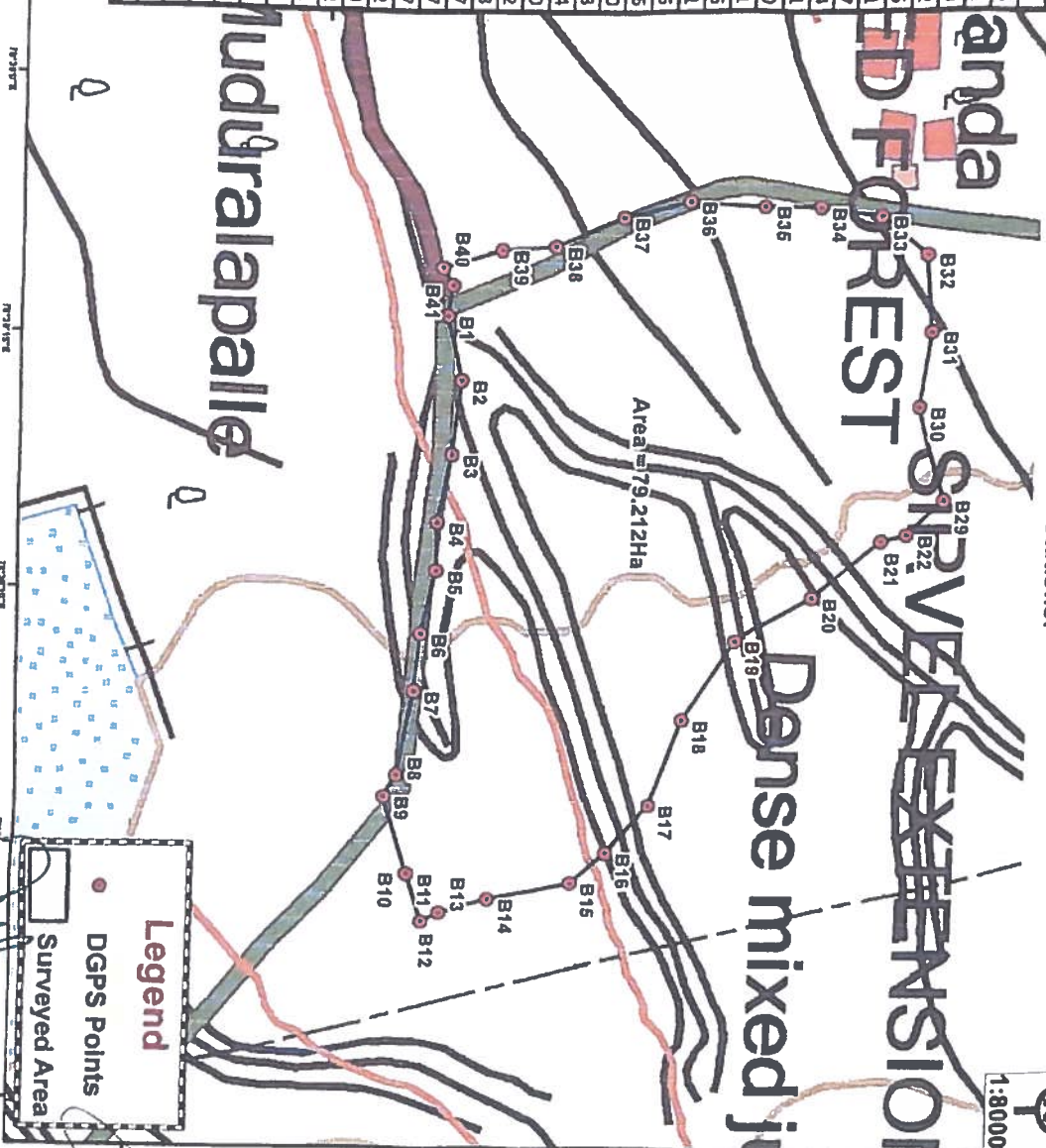
ASSESSED AREA = 79.21 Ha

Legend

DGPS Points
 Surveyed Area

Map Showing the Degraded forest Land Identified for CA in Comp.No. 376,376 &377 of Sirivel Ext-III RF, Peddavangli Beat, D.V.Penta Section, Rudravaram Range of Nandyal Division in lieu of Diversion of forest land for Doubling and Electrification of Track Between Guntur to Guntakal Stations.

Point Name	Easting(N)	Northing(T)	Elevation	Latitude	Longitude
E1	245902.576	1655365.249	90.417	14.968126	78.637185
E2	246015.710	1655394.784	90.941	14.968377	78.638231
E3	246745.095	1655381.026	91.913	14.968265	78.639444
E4	246766.230	1658357.092	92.964	14.968062	78.640562
E5	246351.519	1658357.092	94.106	14.968069	78.641355
E6	246452.693	1658331.603	95.778	14.967849	78.642391
E7	246527.257	1658323.227	97.092	14.967783	78.643317
E8	246711.169	1658296.691	99.008	14.967558	78.644704
E9	246749.403	1658275.583	99.322	14.967371	78.645061
E10	246553.245	1658317.864	102.509	14.96765	78.646300
E11	246553.295	1658317.795	102.445	14.96765	78.646301
E12	246366.947	1658345.716	104.712	14.968025	78.647076
E13	246351.721	1658376.991	103.960	14.968071	78.646931
E14	246327.230	1658461.934	103.004	14.968071	78.646931
E15	246327.635	1658607.882	104.183	14.9690387	78.646406
E16	246544.954	1658659.276	103.177	14.969036	78.645910
E17	246759.586	1658744.078	100.531	14.9691604	78.645113
E18	246505.757	1658800.124	99.901	14.9692095	78.643674
E19	246456.556	1658889.814	94.195	14.9692892	78.642390
E20	246389.475	1659026.455	95.222	14.9694119	78.641642
E21	246289.772	1659145.931	97.898	14.969586	78.640097
E22	246278.560	1659252.756	97.871	14.969586	78.640097
E23	246218.192	1659208.443	95.732	14.969571	78.638517
E24	246055.154	1659224.127	93.844	14.969586	78.637792
E25	245923.536	1659216.561	93.314	14.9695778	78.636039
E26	245728.619	1659134.029	92.453	14.9695027	78.635452
E27	245724.552	1659025.302	92.374	14.9694043	78.635311
E28	245708.230	1658925.860	91.191	14.9693144	78.635312
E29	245707.341	1658793.369	90.278	14.9691947	78.635247
E30	245698.932	1658675.286	90.531	14.9690888	78.635536
E31	245728.773	1658556.910	90.244	14.968992	78.636101
E32	245721.364	1658465.286	90.360	14.968992	78.636101
E33	245718.897	1658359.423	87.225	14.968038	78.636405
E34	245245.293	1658377.320	87.743	14.968203	78.636686



Signatures :

E. V. Penta
Forest Beat Officer
Peddavangli Beat

E. V. Penta
Forest Section Officer,
D.V.Penta Section.

Sd/-
Forest Range Officer
RUDRAVARAM.

District Forest Officer
NANDYAL

Proposals for raising of 70.00 ha. of Compensatory Afforestation in degraded forest land in compt. No.375, 376 & 377, Sirvel Extension-III RF, Peddavangali Beat, D.V.Penta Section, Rudravaram Range of Nandyal Division / District in lieu of proposals for diversion of forest land over an extent of 32.25 ha. doubling and electrification of railway line between Diguvametta and Gajulapalli stations falling in Nandyal Division and Giddalur Division in favour of Deputy Chief Engineer, Construction-IV, South Central Railway, Guntur for doubling and electrification of Guntur-Guntakal railway track.

1)	Objective	To raise Compensatory / Afforestation with the funds of the Deputy Chief Engineer, Construction-IV, South Central Railway, Guntur in the CA area (double the area in degraded forest land) in lieu of proposals for diversion of forest land over an extent of 32.25 ha. between Diguvametta and Gajulapalli stations falling in Nandyal Division and Giddalur Division in favour of Deputy Chief Engineer, Construction-IV, South Central Railway, Guntur for doubling and electrification of Guntur-Guntakal railway track.
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Sl. No.	Division	Range	Beat	Location / Compt. No.	Area proposed for diversion (in ha.)
1	Giddalur	Gundlakamma	Sandrapodu & Tunnel Beat	Uyyalawada RF / Compt. Nos. 999, 681 & 676	9.21
2	Nandyal	Chelama	Basavapuram, Dongabavi & Pacherla	Sirvel RF, Nandyal RF, Nandyal Extn.I RF / Compt. Nos. 487, 520, 523, 524, 525, 506, 507, 508, 510, 511, 512, 519, 532	23.04
				TOTAL	32.25

2)	Project period	10 years from the year of starting of the project (2024-25 to 2035-36)
3)	Location of C.A. land	The Compensatory Afforestation area (Degraded Forest Land (DFL)) proposed for raising of plantations in Nandyal Division is as follows.

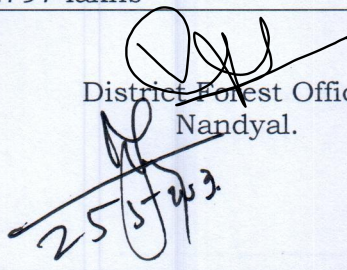
Sl. No.	Range	Section	Beat	RF & Compt. Nos.	Remarks
1	Rudravaram	D.V.Penta	Peddavangali	Sirvel Extension-III RF, compt. No.375, 376 & 377	The DGPS map has been authenticated total extent of 79.21 ha. by the GIS cell, O/o the PCCF, AP, Mangalagiri.

3)	Type of the CA land	The proposed Compensatory Afforestation areas identified in the Degraded Forest Land (DFL) is red soil mixed with boulders and suitable for AR (semi mechanical method) with the forest species with tall seedlings of 1.5 mtr to 3 mts height by providing provision for uprootal of stumps, deep ploughing, weeding cum soil weeding, inter ploughing, enumeration of survival, watering to the plants fire tracing operations, chain link fencing etc., can also be taken up in the degraded forest land identified for the purpose of Compensatory Afforestation. Soil Moisture Conservation (SMC) works can also be taken up. The double the diversion forest land equal to 70.00 ha. for Compensatory Afforestation is identified and the details are as follows. <table border="1"> <tr> <th>Sl. No.</th><th>Area as per DGPS authentication map (ha.)</th><th>Area proposed for treatment (ha.)</th></tr> <tr> <td>1</td><td>79.21</td><td>70.00</td></tr> </table> The Compensatory Afforestation scheme has been prepared for 70.00 ha.	Sl. No.	Area as per DGPS authentication map (ha.)	Area proposed for treatment (ha.)	1	79.21	70.00
Sl. No.	Area as per DGPS authentication map (ha.)	Area proposed for treatment (ha.)						
1	79.21	70.00						
5)	Vegetation	The vegetation in the proposed degraded forest land identified in compt. No.375, 376 & 377, Sirvel Extension-III RF, Peddavangali Beat, D.V.Penta Section of Rudravaram Range is <i>Soymida fabrifuga</i> (Somi), Maddi, Banderaaku, <i>Zizyphus xylopyrus</i> (Gottika), Neredu etc.,						
6)	Treatment proposed	AR planting: The treatment proposed for raising of Compensatory Afforestation area is proposed to plant 1100 plants per hectare under AR (Semi Mechanical Method) in the Degraded Forest Land (DFL) identified in Sirvel Extension-III RF, 79.21 ha. The Compensatory Afforestation are proposed under AR (Semi Mechanical Method) and to be maintained upto 10 years to ensure good results.						

		The drilling of bore wells including electrical connection and laying of pipelines etc., are proposed in the degraded forest land sites. Chain-link fencing 7134.3 rmt is proposed in the identified Compensatory Afforestation plantation sites in compt. No.375, 376 & 377, Sirvel Extension-III RF, Peddavangali Beat, D.V.Penta Section, Rudravaram Range of Nandyal Division. Boundary pillars in 66 Nos. are proposed to be constructed around the degraded forest land in wherever required. Provision for maintenance of buildings in Nandyal including FRO office, Rudravaram Range etc., are proposed. Soil & Moisture Conservation (SMC) works are proposed to be taken up in the above CA area identified such as RFDs, PTs / MPTs, Check dams & CCTs etc.
7)	Proposed species	Considering the terrain and condition of soil in the proposed area, the following species are proposed, keeping in view of the instructions issued by the Principal Chief Conservator of Forests & Head of Forest Force, Andhra Pradesh, Hyderabad in Rc.No.4775/2003-F5, Dt. 21-02-2005.

Sl. No.	Species	Type	Species
1	Forest species	Large canopy plants	1) <i>Terminalia arjuna</i> 2) <i>Soymida febrifuga</i> 3) <i>Holoptelia integrefolia</i> 4) <i>Mitragyna parvifolia</i> 5) <i>Pterocarpus marsupium</i> etc.,
Planting tall plants of suitable species with height not less than 1.5 mtr are proposed for planting.			

8)	Agency for funding	The Deputy Chief Engineer, Construction-IV, South Central Railway, Guntur
9)	Agency for implementation of Compensatory Afforestation	A.P. Forest Department
10)	Cost of the scheme	Rs.1102.797 lakhs


 District Forest Officer,
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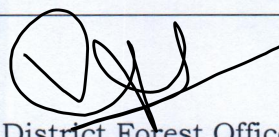
PART-II

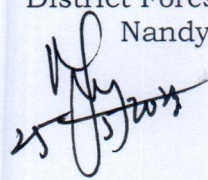
(To be filled by the concerned Deputy Conservator of Forest)

7	Location of the Project/Scheme	: Diversion of 23.04 ha (21.53 ha. + 1.51 ha.) of forest land in compartment Nos. 487, 520, 523, 524, 525, 506, 507, 508, 510, 511, 512, 519, 532 Sirivella, Nandyal and Nandyal Extension-I R.F. of Pacherla, Dongabavi and Basavapuram Beat of Chelama Range for diversion of forest land between Diguvametta and Gajulapalli stations for doubling and electrification of Guntur-Guntakal Railway track
	(i) State/union Territory	: Andhra Pradesh
	(ii) District	: Nandyal District
	(iii) Forest Division	: Nandyal Division
	(iv) Area of forest land proposed for diversion (in ha)	: 23.04 ha fresh diversion and including re-diversion of 15.62 ha. (existing area).
	(v) Legal status of forest	: Reserve Forest. The Sirivella Reserve in Gazette No. 187 Dt. 05-08-1891, Forest, Nandyal Reserve Forest in Gazette No.168, Dt. 31-04-1891, Nandyal Extension-I Reserve Forest in Gazette No. 640 Dt. 14-04-1989 was notified under section 16 of Madras Forest Act, 1882
	(vi) Density of vegetation	: The average vegetation density of the proposed area is 0.65 (Eco-class-III).
	(vii) Species-wise (scientific names) and diameter class wise enumeration of trees (to be enclosed. In case of irrigation/hydel projects enumeration at FR L, FRL-2 meter & FRL4 meter also to be enclosed)	: Species wise and diameter class wise tree list attached.
	(viii) Brief note on vulnerability of the forest area to erosion	: The vulnerability to erosion of area proposed for diversion is low.
	(ix) Approximate distance of proposed site for diversion from boundary of forest.	: The area fall inside forest land.
	(x) Whether forms part of national Park, Wildlife Sanctuary, biosphere reserve, tiger reserve, elephant corridor, etc. (If so, the details of the area and comments of the Chief Wildlife Warden to be annexed)	: Yes (Tiger corridor) between Nagarjunasagar Srisaillam Tiger Reserve (NSTR) and Sri Venkateswara National Park (SVNP) and inside the Eco Sensitive Zone (ESZ) of Gundla Brahmeswaram (GBM) Wildlife Sanctuary.
	(xi) Whether any rare/endangered/ unique species of flora and fauna found in the area if so details thereof.	: Yes (Including Tiger (<i>Panthera tigris</i>))

	(xii) Whether any protected archaeological /heritage site/ defense establishment or any other important monument is located in the area. If so, the details there of with NOC from competent authority, if require.	: No						
8	Whether the requirement of forestland as proposed by the user agency in col.2 of part-I is unavoidable and barest minimum for the project. If no, recommended area item wise with details of alternatives examined.	: Yes						
9	Whether any work in violation of the Act has been carried out (Yes/No). If yes, details of the same including period of work done, action taken on erring officials. Whether work in violation is still in progress.	No						
10	Details of compensatory afforestation scheme	: Double the Degraded Forest Land (DFL) of 70.00 ha for Compensatory Afforestation purpose was identified in compt.No.375, 376 & 377, Sirvel Extension-III RF, Peddavangali Beat, D.V.Penta Section, Rudravaram Range of Nandyal Division. The Compensatory Afforestation scheme has been prepared for 70.00 ha. The detailed Compensatory Afforestation scheme costing Rs.1102.797 lakhs is enclosed herewith.						
	(i) Details of non-forest area/degraded forest area identified for compensatory afforestation, its distance from adjoining forest, number of patches, size of each patch.	: The double the diversion of forest land equal to 70.00 ha. reserve forest land for Compensatory Afforestation has been identified and the bit wise details are as follows. <table border="1"> <thead> <tr> <th>Sl. No</th><th>Area as per DGPS authentication map</th><th>Area proposed for treatment</th></tr> </thead> <tbody> <tr> <td>1</td><td>79.21 ha.</td><td>70.00 ha.</td></tr> </tbody> </table> The Compensatory Afforestation scheme has been prepared for 70.00 ha.	Sl. No	Area as per DGPS authentication map	Area proposed for treatment	1	79.21 ha.	70.00 ha.
Sl. No	Area as per DGPS authentication map	Area proposed for treatment						
1	79.21 ha.	70.00 ha.						
	(ii) Map showing non-forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries.	: Map of the Degraded Forest Land (DFL) identified for Compensatory Afforestation is enclosed.						
	(iii) Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc.	: The detailed Compensatory Afforestation scheme is enclosed and it will be implemented by Forest Department.						
	(iv) Total financial outlay for Compensatory Afforestation scheme.	: Rs.1102.797 lakhs only.						

	(v) Certificates from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view. (To be signed by the concerned Deputy Conservator of Forests)	:	Certificate is enclosed
11	Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col.7(xi, xii), 8 and 9 above.	:	The site inspection report of the District Forest Officer, Nandyal Division is enclosed
12	Division/ District Profile:	:	Nandyal District/ Nandyal Division
	(i) Geographical area of the District / Division	:	9,68,100 ha.
	(ii) Forest area of the Division	:	1,90,744.51 ha. forest area of division
	(iii) Total forest area diverted since 1980 with number of cases	:	RF area diverted = 1265.4128 ha in Nandyal WL Division
	(iv) Total Compensatory Afforestation stipulated in the district/ division since 1980 on	:	18 ha
	(a) forest land including penal compensatory afforestation	:	18 ha.
	(b) Non-forest land	:	--
	(v) Progress of compensatory afforestation as on (date) on 28.11.2021.	:	18 ha.
	(a) forest land	:	18 ha
	(b) Non-forest land	:	--
13	Specific recommendations of the DCF for acceptance or otherwise of the proposal with reasons.	:	Recommended for consideration in the interest of environment friendly mode of transport. Detailed recommendation along with justification and conditions is enclosed.


 District Forest Officer,
 Nandyal.


 25/11/2021