



**GOVERNMENT OF ANDHRA PRADESH
FOREST DEPARTMENT**

Rc.no.3706/2019/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 - Diversion of 1.36 ha. in change of (addition 0.85 ha) 2.21 ha. forest land in compt. No.238 & 239 North Dhone RF, Dhone Range, Nandyal Division in lieu of proposals for railway line between new double line and electrification track between Guntur and Guntakal stations in favour of Deputy Chief Engineer, Construction, South Central Railway, Guntakal - Compensatory Afforestation (CA) Scheme for the CA area (Degraded Forest land) identified in Compt. No.237 & 238 North Dhone RF submitted by the District Forest Officer, Nandyal -Administration approval requested- accorded- Reg.

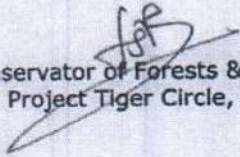
Ref: 1.Prl.CCF,AP,Guntur, Rc.No.EFS02-17/41/2020-21-IT, dt.28.02.2023.
2. DFO, Nandyal, Rc.No.3699/2019/A4, Dt: 23.05.2023.

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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 for the CA area (Degraded forest land) Identified in Compt.no.237 and 238 North Dhone RF, Dhone Beat, Dhone Section of Dhone Range of Nandyal Division for an extent of 4.42 ha. for Rs.103.402 lakhs and requested administrative approval. Hence, the administrative approval is hereby accorded for Rs.103.402 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 Prl. 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.3699/2019/A4, Dated: 23-05-2023

Sir,

Sub: Forest Department – Diversion of 1.36 ha. in change of (addition 0.85 ha.) 2.21 ha. forest land in compt.No.238 & 239 North Dhone RF, Dhone Range, Nandyal District – Compensatory Afforestation (CA) scheme approved technical sanction and accord for administrative approval – Requested – Reg.

Ref: 1) DFO, Kurnool Rc.No.3699/2019/H5, Dt. 06-04-2022
2) C.F. Kurnool Rc.No.3706/2019/TO, Dt. 07-04-2022
3) PCCF, AP, Guntur EFS02-17/41/2021-IT, Dt.28-02-2023
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Adverting to the reference 1st cited, it is submitted that the then District Forest Officer, Kurnool has prepared proposals for Compensatory Afforestation (CA) on the Degraded Forest Land (DFL) identified in Compt. No.237 & 238 North Dhone RF, Dhone Beat, Dhone Section, Dhone Range of Nandyal Division in lieu of proposals of railway line between new double line and electrification track between Guntur and Guntakal stations at Dhone in favour of Deputy Chief Engineer, Construction, South Central Railway, Guntakal.

Further the then District Forest Officer, Kurnool has prepared Compensatory Afforestation (CA) scheme over an extent of 2.72 ha. with 10 years maintenance of plantations, SMC works, Drilling of bore well etc., an outlay of Rs.26.942 lakhs and the same was technically approved and submitted for according administrative approval to the Conservator of Forests, Kurnool Circle, Kurnool vide reference 2nd cited (copy enclosed).

Further it is submitted that the Prl. Chief Conservator of Forests & Head of Forest Force, AP, Guntur has instructed that the Deputy Chief Engineer, Construction, South Central Railway, Guntakal is requested that the diversion of 1.36 ha. project area is changed to 2.21 ha. including more additional area and instructed to submit revised proposals in the PARIVESH portal.

Further it is submitted that the Compensatory Afforestation (CA) area (degraded forest land) in compartment No.237 & 238 North Dhone RF, Dhone Beat, Dhone Section, Dhone Range of Nandyal Division is for an extent of 4.42 ha. and Compensatory Afforestation is prepared 4.42 ha.

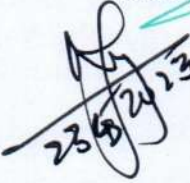
In view of the above Chief Conservator of Forests & Field Director, Project Tiger Circle, Nandyal is requested to accord administrative approval for the Compensatory Afforestation (CA) scheme for an outlay of Rs.103.402 lakhs and communicate the same to this office for uploading the Compensatory Afforestation (CA) land details in PARIVESH portal and processing the Part-II proposals for change of project area from 1.36 ha. to 2.21 ha.

This is submitted for favour of information and necessary action.

Encl: As above

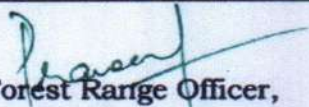
Yours faithfully,

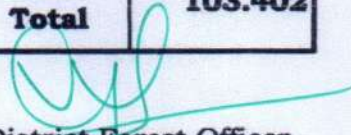
District Forest Officer,
Nandyal.

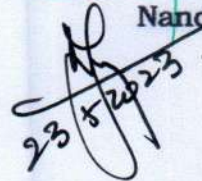

23/5/2013

ABSTRACT

Sl. No.	Description of item	Phy.	Fin. (Rs in lakhs)
1	Cost of Plantation		
a	Raising & maint. of nurseries (Nos.)	10000	3.784
b	Raising and maintenance of plantations (ha.) (including provision for watering and imported soil)	4.42	42.786
2	Drilling of one borewells, electrical connection and laying of pipelines etc., (Nos.)	1	7.000
3	Cost of fencing (Rmt.)	1000	14.620
4	Improvement / Maintenance of buildings in Nandyal Division including FRO Office, Dhone	LS	20.000
5	SMC works 15% on the plantation cost (RFDs / PTs / MPTs / CDs / CCTs)	--	6.622
6	Monitoring & Evaluation (5% on the plantation cost)	LS	1.530
7	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	7.060
		Grand Total	103.402


Forest Range Officer,
Dhone.


District Forest Officer,
Nandyal.


23/5/2023

COMPENSATORY AFFORESTATION ACTION PLAN FOR RAISING OF 4.42 HA., COMPARTMENT NO.237 & 238, NORTH DHORE RESERVE FOREST, DHORE BEAT, DHORE SECTION DHORE RANGE IN VIEW OF PROPOSED FOR DIVERSION OF FOREST LAND OVER AN EXTENT OF 2.21 HA. IN COMPARTMENT NO.238 & 239 NORTH DHORE RESERVE FOREST, DHORE BEAT, DHORE SECTION, DHORE RANGE OF NANDYAL DIVISION CONSTRUCTION OF NEW DOUBLE LINE AND ELECTRIFICATION OF TRACK BETWEEN GUNTUR AND GUNTAKAL STATIONS AT DHORE (S/LY KM 325/4 TO 329/2) IN FAVOUR OF DEPUTY CHIEF ENGINEER, CONSTRUCTION, SOUTH CENTRAL RAILWAY, GUNTAKAL

ABSTRACT CUM YEAR WISE ACTION PLAN																				
Sl. No	Name of the work	Unit	2024-25			2025-26			2026-27			2027-28			2028-29			2029-30		
			Qty	Unit rate	Flt	Qty	Unit rate	Flt	Qty	Unit rate	Flt	Qty	Unit rate	Flt	Qty	Unit rate	Flt	Qty	Unit rate	Flt
I	NURSERY																			
a	Raising of 8"x12" nursery (Nos.)	1000 Nos	10000	0.242	2.420															
b	Maintenance of Nursery (Nos.)	1000 Nos				10000	0.091	0.910	3000	0.100	0.300	1400	0.110	0.154						
	Nursery Total		10000		2.420	10000		0.910	3000		0.300	1400		0.154			0.000			0.000
II	PLANTATION																			
a	Advance operations	Ha				4.42	0.876	3.872												
	Raising of plantation	Ha							4.42	1.916	8.469									
b	1st year maintenance of plantation	Ha										4.42	1.640	7.249						
c	2nd year maintenance of plantation	Ha													4.42	0.581	2.568			
d	3rd year maintenance of plantation	Ha																4.42	0.496	2.192
e	4th year maintenance of plantation	Ha																		
f	5th year maintenance of plantation	Ha																		
g	6th year maintenance of plantation	Ha																		
h	7th year maintenance of plantation	Ha																		
i	8th year maintenance of plantation	Ha																		
j	9th year maintenance of plantation	Ha																		
k	10th year maintenance of plantation	Ha																		
	Plantation Total				0.000	4.42		3.872	4.42		8.469	4.42		7.249	4.42		2.568	4.42		2.192
	Nursery + Plantation Total				2.420			4.782			8.769			7.403			2.568			2.192
III	Drilling of one borewells, electrical connection and laying of pipelines etc.,	Nos	0	0.00	0.000	1	7.00	7.000			0.000			0.000			0.000			0.000
IV	Chainlinkfencing to the CA plantation area	Rmt		0.000	0.000	1000.0	0.0146	14.620			0.000			0.000			0.000			0.000
V	Improvement / Maintenance of buildings in Nandyal Division including PRO Office, Dhore	Nos	0	0	0.000	0	0.00	0.000	LS	10.00	10.000	LS	5.0	5.000	LS	5.0	5.000	-		0.000
VI	SMC works 15% on the plantation cost (RTDs/PTs/MPTs/CDs/CCTs)	Nos		-	0.000		-	0.717		-	1.315		-	1.110		-	0.385		-	0.329
VII	Monitoring & Evaluation (5% on the plantation cost)	LS	LS	-	0.000	LS	-	0.000	LS	-	0.000	LS	-	0.370	LS	-	0.128	LS	-	0.110
VIII	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 DPO, Nandyal	LS	LS	-	0.000	LS	-	2.000	LS	-	2.000	LS	-	0.740	LS	-	0.257	LS	-	0.219
	Others (III to IX) Total				0.000			24.337			13.315			7.221			5.770			0.668
	GRAND TOTAL				2.420			29.119			22.084			14.624			8.338			2.860

[Signature]
Forest Range Officer,
Dhore.

[Signature]
District Forest Officer,
Nandyal.

Sl. No.	Name of the work	Unit	2030-31			2031-32			2032-33			2033-34			2034-35			2035-36			2036-37			Total	
			Plg	Unit rate	Fin	Plg	Unit rate	Fin	Plg	Unit rate	Fin	Plg	Unit rate	Fin	Plg	Unit rate	Fin	Plg	Unit rate	Fin	Plg	Unit rate	Fin	Plg	Fin
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)		
I	NURSERY																								
a	Raising of 8"x12" nursery (Nos.)	1000 Nos																					10000	2.420	
b	Maintenance of Nursery (Nos.)	1000 Nos																					10000	1.364	
					0.000			0.000			0.000			0.000			0.000			0.000			0.000	3.784	
II	PLANTATION																								
a	Advance operations	Ha																					4.42	3.872	
b	1st year maintenance of plantation	Ha																					4.42	8.449	
c	2nd year maintenance of plantation	Ha																					4.42	7.249	
d	3rd year maintenance of plantation	Ha																					4.42	2.568	
e	4th year maintenance of plantation	Ha	4.42	0.536	2.369																		4.42	2.192	
f	5th year maintenance of plantation	Ha				4.42	0.471	2.082															4.42	2.369	
g	6th year maintenance of plantation	Ha							4.42	0.518	2.290												4.42	2.082	
h	7th year maintenance of plantation	Ha										4.42	0.570	2.519									4.42	2.290	
i	8th year maintenance of plantation	Ha													4.42	0.627	2.771						4.42	2.519	
j	9th year maintenance of plantation	Ha															4.42	0.690	3.050				4.42	2.771	
k	10th year maintenance of plantation	Ha																	4.42	0.759	3.355	4.42		3.355	
			4.42		2.369	4.42		2.082	4.42		2.290	4.42		2.519	4.42		2.771	4.42		3.050	4.42		3.355	65.5	42.796
					2.369			2.082			2.290			2.519			2.771			3.050			3.355		46.870
III	Drilling of one borewells, electrical connection and laying of pipeline etc.,	Nos			0.000			0.000			0.000			0.000			0.000			0.000			0.000	1 no	7.000
IV	Chainlinkfencing to the CA plantation area	Rmt			0.000			0.000			0.000			0.000			0.000			0.000			0.000	Rmt	14.629
V	Improvement / Maintenance of buildings in Nandyal Division including FRO Office, Dhore	Nos	-		0.000	-		0.000	-		0.000	-		0.000	-		0.000	-		0.000	-		0.000	1 no	20.000
VI	SMC works 15% on the plantation cost (RFDs/PTs/MPTs/CDs/CGTs)	Nos	-		0.355	-		0.312	-		0.343	-		0.378	-		0.416	-		0.457	-		0.503		6.622
VII	Monitoring & Evaluation 15% on the plantation cost	LS	LS	-	0.118	LS	-	0.104	LS	-	0.114	LS	-	0.126	LS	-	0.139	LS	-	0.152	LS	-	0.168	LS	1.530
VIII	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	-	0.237	LS	-	0.208	LS	-	0.229	LS	-	0.252	LS	-	0.277	LS	-	0.305	LS	-	0.335	LS	7.060
					0.711			0.625			0.667			0.736			0.821			0.915			1.006		56.832
					3.080			2.706			2.976			3.275			3.603			3.965			4.361		105.402

[Signature]
Range Officer,
Dhore

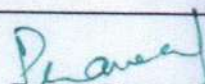
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District Forest Officer,
Nandyal.
23/5/2023.

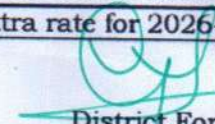
Data for Raising of Misc. Nursery in 8"x12"x400 Guage Bag

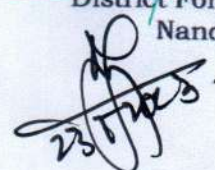
Unit - 1000 Nos.

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 misceleneous unvaible 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 ingradient 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 ingradient, 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" X 9" 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" X 9" 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, maintainance 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,
Dhone.


District Forest Officer,
Nandyal.




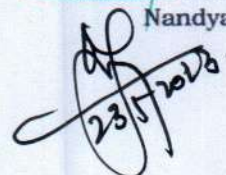
Data for Maintenance of Misc. Nursery in 8"x12" Bag

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,
Dhone.

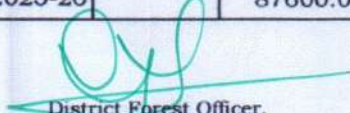

District Forest Officer,
Nandyal.



23/5/2026.

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 allover 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,
Dhone.

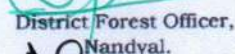

District Forest Officer,
Nandyal.


23/11/2023.

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 amd 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	LS	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,
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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,
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District Forest Officer,
Nandyal.

23/12/23.

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

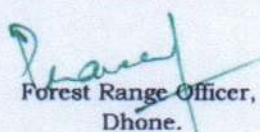
Forest Range Officer,
Dhone.

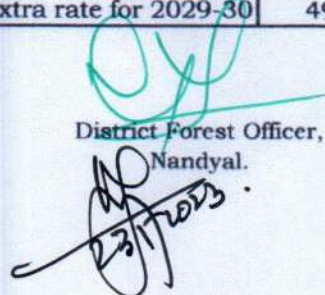
District Forest Officer,
Nandyal.

23/1/2023.

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,
Dhone.


District Forest Officer,
Nandyal.

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

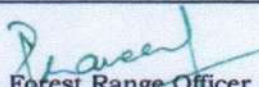
Sl. No.	Qty	Description of work	2023-24 FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1111 Nos.	Circular weeding cum soil working in HG soils	02-07-002	967.05	100 Nos	10743.93
2	1 Ha.	Deep Interploughing with heavy duty tractor	02-07-008	5519.33	1 Ha	5519.33
3	160 RMT	Creation of Fire lines 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

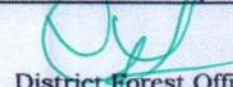

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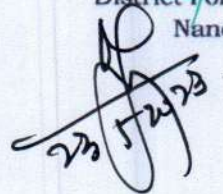

District Forest Officer,
Nandyal.

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,
Dhone.


District Forest Officer,
Nandyal.


23/12/23

Line Estimate

Data Sheet for Construction of RCC Boundary Pillar

Sl No.	Description of work	Nos	Measurements in Mts			Quantity	Rate / Per	Each No.
			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,
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District Forest Officer,
Nandyal.

DATA FOR ERECTION OF CHAINLINK FENCING FOR 1 KM

Sl. No.	Qty	Description of work	2023-24 FSR/SSR Item	Rate	Per	Unit per km.
						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,
Dhone.


District Forest Officer,
Nandyal.