

105

Proposals for Raising of 1.13 Ha of Compensatory Afforestation in non-forest land in Sy.No.378/2, Sunkesula village, Owk Mandal, Kurnool District, Owk beat, Banaganapalli Section of Dhone Range in Kurnool Division/District in lieu of Proposals for diversion of forest land over an extent of 1.11 ha for laying of Gravity main-3 near Eddupenta RF, Dhone Mandal of Kurnool District to provide drinking water and irrigation facilities to 68 tanks in the upland areas of Kurnool District on left side of HNSS main canal Phase-I in favour of Executive Engineer, W.R.D, M.I.W. Division, Kurnool.

1. Objective	To raise Compensatory Afforestation with the funds of the Executive Engineer, W.R.D, M.I.W. Division, Kurnool in the C.A area in lieu of proposals for diversion of forest land over an extent of 1.11 Ha for laying of Gravity main-3 near Eddupenta RF, Dhone Mandal of Kurnool District to provide drinking water and irrigation facilities to 68 tanks in the upland areas of Kurnool District on left side of HNSS main canal Phase-I in favour of Executive Engineer, W.R.D, M.I.W. Division, Kurnool.
--------------	---

Sl. no	Division	Range	Beat	Location/Compt.No.	Area proposed for diversion in Ha
1	Kurnool	Dhone	Malayala	Eddupenta RF, Compt.No.184 & 185	1.11 ha
Total					1.11 ha

2. Project period	10 years from the year of starting of the project (2023-24- 2034-35)
3. Location of C.A land	The non-forest land over an extent of 1.13 ha has been identified in Sy.No.378/2, Sunkesula village, Owk Mandal, Kurnool Division/ District towards Compensatory Afforestation area proposed for raising of plantations in Kurnool Division is as follows.



Sl. no	Range	Section	Beat	RF & Compt.No.	Remarks
1	Dhone	Banaganapalli	Owk	Sy.No.378/2, Sunkesula village, Owk Mandal, Kurnool District	The DGPS map has been authenticated total extent of 1.13 Ha by the GIS cell O/o the PCCF, AP, Guntur.

4. Type of the CA land	The non-forest land identified over an extent of 1.13 ha for raising of Compensatory Afforestation is red soil interspersed with small
------------------------	--

	<p>to medium boulders and may be suitable for ANR/Gap plantation with Forest species with tall seedlings of 1.5 mtr to 3mtr height by providing provision for importing soil and watering. Soil Moisture Conservation (SMC) works can also be taken up.</p> <table><tr><th>S. No</th><th>Area as per DGPS authentication map</th><th>Area proposed for treatment</th></tr><tr><td>1</td><td>1.13 ha</td><td>1.13 ha</td></tr><tr><td></td><td>1.13 ha</td><td>1.13 Ha</td></tr></table> <p>The Compensatory Afforestation scheme has been prepared for entire area identified over an extent of 1.13 ha.</p>	S. No	Area as per DGPS authentication map	Area proposed for treatment	1	1.13 ha	1.13 ha		1.13 ha	1.13 Ha
S. No	Area as per DGPS authentication map	Area proposed for treatment								
1	1.13 ha	1.13 ha								
	1.13 ha	1.13 Ha								
5. Vegetation	<p>The vegetation in the proposed non-forestland for raising of Compensatory Afforestation in Sy.no.378/2, Sunkesula village, Owk Mandal, Kurnool District is <i>Anageous latifolia</i> (Chirumanu), <i>Cassia fistula</i> (Rela), <i>Carissa carandus</i> (Kavli) etc.,</p>									
6. Treatment Proposed	<p><u>ANR/Gap of Planting:-</u></p> <p>The treatment proposed for raising of Compensatory Afforestation area is proposed to plant 500 plants per hectare under ANR model at gaps within the non-forest land identified in Sy.No.378/2, Sunkesula village, Owk Mandal, Kurnool District. The remaining balance plants as per CA guidelines i.e., 1000 plants per hectare will be planted in adjoining the Degraded Forest Land (DFL) identified in G.A. Bad South RF/GA Bad beat for CA purpose at gaps with tall seedlings of 8"x12" of 1.5 mtr to 3mtr height by providing provision of watering and imported soil to facilitate quick establishment and growth.</p> <p>The Compensatory Afforestation are proposed under ANR/Gap planting and to be maintained upto 10 years to ensure good results.</p> <p>Boundary Pillars in 10 Nos are proposed to construct around the non-forest land identified for Compensatory Afforestation purpose in Sy.No.378/2, Sunkesula village, Owk Mandal, Kurnool District wherever required.</p>									


	Soil & Moisture Conservation (SMC) works are proposed to take 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, (HoFF), 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>Hardwickia binata</i>
			2. <i>Azadirachta indica</i>
			3. <i>Dolichandrone crispera</i>
			4. <i>Soyimida febrifuga</i>
			5. <i>Holoptelea integrifolia</i> , etc.
Planting tall plants of suitable species with height not less than 1.50 mtrs are proposed for planting.			
8. Agency for funding	WATER RESOURCES DEPARTMENT; OFFICE OF THE EXECUTIVE ENGINEER, M.I. WORKS DIVISION, JALAMANDALI, R.S.ROAD, R.S.ROAD JUNCTION, KURNOOL. Email address : eemikurnool@yahoo.com Landline Telephone No.: 8518-221250 Mobile No. : 9490602970		
9. Agency for implementation of Compensatory Afforestation.	A.P.Forest Department		
10. Cost of the Scheme	Rs.12.908 lakhs.		

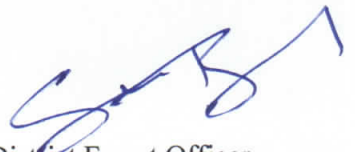


 Forest Range Officer,
 Dhone

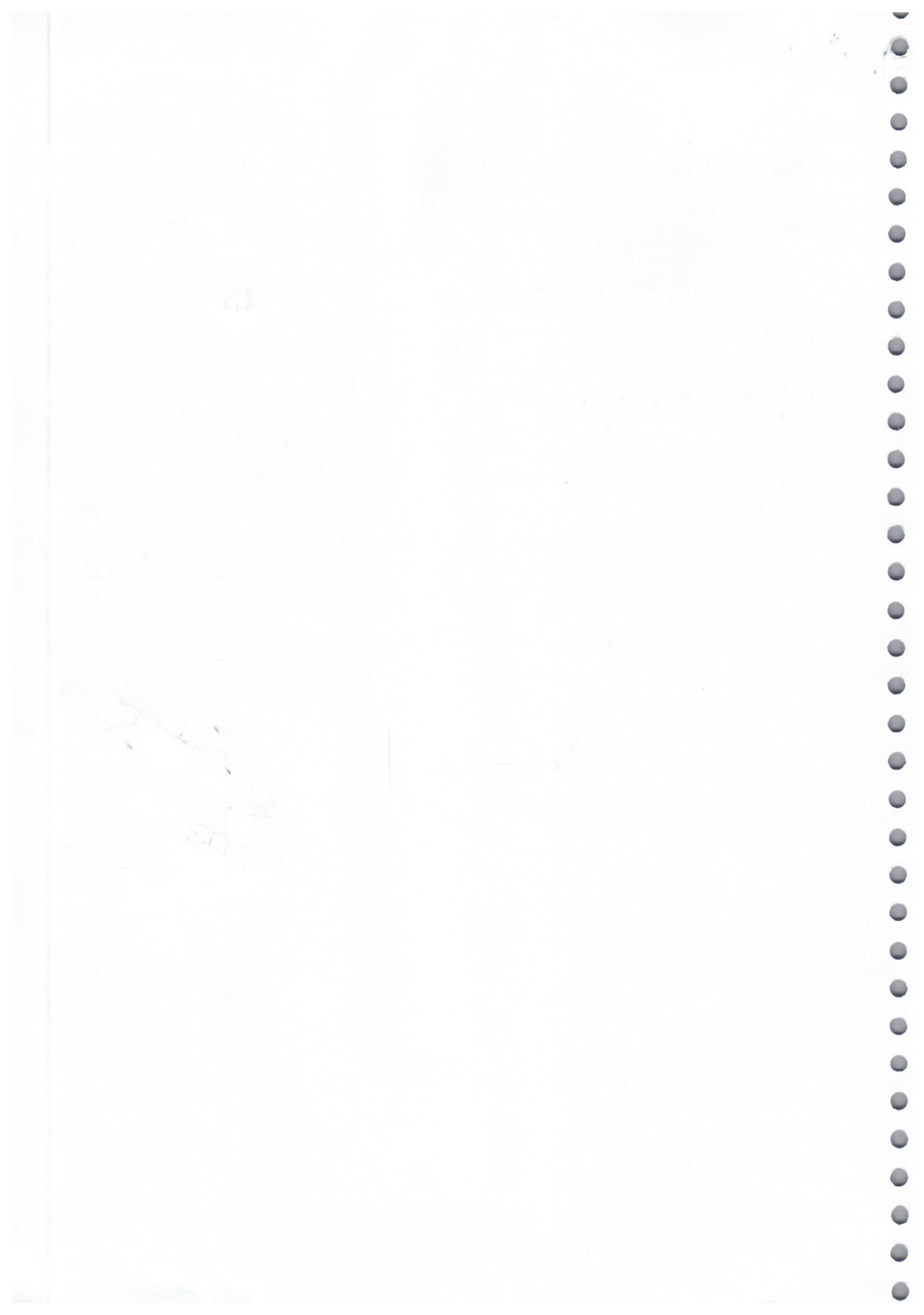

 District Forest Officer
 Kurnool

 28/1/22

ABSTRACT

S.No	Description of item	Phy	Fin (Rs in lakhs)
1	Cost of Plantation		
a	Raising & maint. Of nurseries	2100 nos	0.514
b	Raising and maintenance of plantations (including pprovision for watering and imported soil)	7.4 ha 1.13	8.541
2	Construction of boundary pillars	10 nos	1.460
3	SMC works 15% on the plantation cost (RFDs/PTs/MPTs/CDs/CCTs)	--	1.309
4	Monitoring & Evaluation (5% on the plantation cost)	LS	0.212
5	Overheads (10% on the plantation cost) (Repairs and replacement of Govt. buildings/ Main. Of Computers and Govt. vehicles /Office support like wages to Computer Operator and other misc. expenses etc.,) for O/o DFO(T), Kurnool	LS	0.872
		Gr.Total	12.908


Forest Range Officer,
Dhone Range


District Forest Officer
Kurnool

28/1/22



COMPENSATORY AFFORESTATION ACTION PLAN FOR RAISING OF 1.13 HA IN SY.NO.3782, SUNKESULA VILLAGE, OWK MANDAL, KURNOOL DIVISION/DISTRICT IN LIEU OF PROPOSED FOR DIVERSION OF 1.11 HA OF FOREST LAND FOR LAYING OF GRAVITY MAIN-3 NEAR EDDUPENTA RE, COMPT.NO.184 & 185, DHONE MANDAL OF KURNOOL DISTRICT TO PROVIDE DRINKING WATER AND IRRIGATION FACILITIES TO 68 TANKS IN THE UPLAND AREAS OF KURNOOL DISTRICT ON LEFT SIDE OF HNSS MAIN CANAL PHASE-I IN FAVOUR OF EXECUTIVE ENGINEER, W.R.D, M.I.W. DIVISION, KURNOOL

ABSTRACT CUM YEAR WISE ACTION PLAN

Sl. no	Name of the work	Unit	Unit Cost	2023-24		2024-25		2025-26		2026-27		2027-28		2028-29	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
(1)	(2)	(3)	(3)	(4)	(6)	(7)	(9)	(10)	(12)	(13)	(15)	(16)	(18)	(19)	(21)
I	NURSERY														
a	Raising of 8"x12" nursery	1000 Nos	0.157	2100	0.330										
a	Maintenance of Nursery	1000 Nos	0.053			2100	0.111								
		1000 Nos	0.058					744	0.043						
		1000 Nos	0.064							462	0.030				
	Nursery Total			2100	0.330	2100	0.111	744	0.043	462	0.030		0.000		0.000
II	PLANTATION														
a	Advance cum Raising of plantation	Ha	2.968			1.13	3.354								
b	1st year maintenance of plantation	Ha	0.864					1.13	0.976						
c	2nd year maintenance of plantation	Ha	0.628							1.13	0.710				
d	3rd year maintenance of plantation	Ha	0.303									1.13	0.342		
e	4th year maintenance of plantation	Ha	0.333											1.13	0.376
f	5th year maintenance of plantation	Ha	0.366												
g	6th year maintenance of plantation	Ha	0.0403												
h	7th year maintenance of plantation	Ha	0.443												
i	8th year maintenance of plantation	Ha	0.487												
j	9th year maintenance of plantation	Ha	0.536												
k	10th year maintenance of plantation	Ha	0.590												
	Plantation Total				0.000	1.13	3.354	1.13	0.976	1.13	0.710	1.13	0.342	1.13	0.376
	Nursery + Plantation Total				0.330		3.465		1.019		0.739		0.342		0.376
III	Boundary pillars around the C.A Plantation site	Nos	0.146		0.000	10	1.460		0.000		0.000		0.000		0.000
IV	SMC works 15% on the plantation cost (RFDs/PTs/MPTs/CDs/CCTs)	Nos	--		0.000		0.520		0.153		0.111		0.051		0.056
V	Monitoring & Evaluation (5% on the plantation cost)	LS	--		0.000	LS	0.000	LS	0.000	LS	0.037	LS	0.017	LS	0.019
VI	Overheads (10% on the plantation cost) (Repairs and replacement of Govt. buildings, Main. Of Computers and Govt. vehicles /Office support like wages to Computer Operator and other misc. expenses etc.,) for O/o DFO(T), Kurnool	LS	--		0.000	LS	0.347	LS	0.102	LS	0.074	LS	0.034	LS	0.038
	Others (III to VI) Total				0.000		2.326		0.255		0.222		0.103		0.113
	GRAND TOTAL				0.330		5.791		1.274		0.961		0.445		0.489

Praveen
Forest Range Officer,
Dhone Range

Praveen
District Forest Officer
Kurnool

Sl. no	Name of the work	Unit	2029-30		2030-31		2031-32		2032-33		2033-34		2034-35		Total	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
(1)	(2)	(3)	(22)	(24)	(25)	(27)	(28)	(30)	(31)	(33)	(34)	(36)	(37)	(39)	(40)	(41)
I NURSERY																
a	Raising of 8"x12" nursery	1000 Nos													2100	0.330
a	Maintenance of Nursery	1000 Nos													2100	0.111
															744	0.043
															462	0.030
				0.000		0.000		0.000		0.000		0.000		0.000		0.514
II PLANTATION																
a	Advance cum Raising of plantation	Ha													1.13	3.354
b	1st year maintenance of plantation	Ha													1.13	0.976
c	2nd year maintenance of plantation	Ha													1.13	0.710
d	3rd year maintenance of plantation	Ha													1.13	0.342
e	4th year maintenance of plantation	Ha													1.13	0.376
f	5th year maintenance of plantation	Ha	1.13	0.414											1.13	0.414
g	6th year maintenance of plantation	Ha			1.13	0.046									1.13	0.046
h	7th year maintenance of plantation	Ha					1.13	0.501							1.13	0.501
i	8th year maintenance of plantation	Ha							1.13	0.550					1.13	0.550
j	9th year maintenance of plantation	Ha									1.13	0.606			1.13	0.606
k	10th year maintenance of plantation	Ha											1.13	0.667	1.13	0.667
			1.13	0.414	1.13	0.046	1.13	0.501	1.13	0.550	1.13	0.606	1.13	0.667	1.1	8.541
				0.414		0.046		0.501		0.550		0.606		0.667		9.055
III	Boundary pillars around the C.A Plantation site	Nos		0.000		0.000		0.000		0.000		0.000		0.000	Nos	1.460
IV	SMC works 15% on the plantation cost (RFDs/PTs/MPTs/CDs/CCTs)	Nos		0.062		0.007		0.075		0.083		0.091		0.100		1.309
V	Monitoring & Evaluation (5% on the plantation cost)	LS	LS	0.021	LS	0.002	LS	0.025	LS	0.028	LS	0.030	LS	0.033	LS	0.212
VI	Overheads (10% on the plantation cost) (Repairs and replacement of Govt. buildings/ Main. Of Computers and Govt. vehicles /Office support like wages to Computer Operator and other misc. expenses etc.,) for O/o DFO(T), Kurnool	LS	LS	0.041	LS	0.005	LS	0.050	LS	0.055	LS	0.061	LS	0.067	LS	0.872
				0.124		0.014		0.150		0.165		0.182		0.200		3.853
				0.538		0.059		0.651		0.715		0.787		0.867		12.908

Praveen
Forest Range Officer,
Dhone Range

SSR
District Forest Officer
Kurnool

113

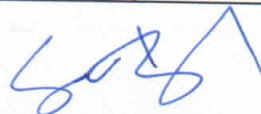

Data for Raising of Misc. Nursery in 8"x12"x400 Guage Bag

Unit - 1000 Nos.

S. No	Quantity	Description of work	2020-21 FSR Item No.	Rate	Per	Amount
1	2	3	4	5	6	7
1	1 No.	Preparation of New site - by clearing miscellaneous unvaible Jungle growth, uprootal of stumps and removal of surface stones, pebbles etc.,	01-02-001	6.48	Bed	6.48
2	1 No.	Digging soil to a depth of 30 cm. (as per CSSR)	01-02-003	47.94	Bed	47.94
3	1 No.	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	39.30	Bed	39.30
4	1 No.	Cost and transport of Farm yard manure (Sandy soil and FYM. in 5:1 proprtion) 0.025 cum per bed.	01-02-005	200.00	Bed	200.00
5	1 No.	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	13.39	Bed	13.39
6	1 No.	Cost of seed (Misc.) @ 2 KG / bed	01-02-007	300.00	Bed	300.00
7	1 No.	Sowing of seed and covering the bed with hay including cost and conveyance to a thickness of 2.5 cm.	01-02-008	15.22	Bed	15.22
8	1 No. / 2 months	Watering the primary nursery beds with rose water cans for a maximum period of 2 months.	01-02-009	17.08	Bed/ month	34.16
9	1 No. / 2 times	Weeding the primary beds. Maximum of 2 times	01-02-010	2.53	Bed/ month	5.06
10		Contingencies				88.45
		TOTAL (for 1000 seedlings)				750.00
		Bag plants nursery in 8"x12" size				
11	1 No	Site Preparation for New site - for clearing of growth, uprootal of stumps and removal of surface stones, rubbish of all sorts.	01-03-001	65.33	Bed	65.33
12	1100 Nos.	Cost and transport of ingradient for Potting mixture Red Soil and Clayey Soil in 2:1 ratio. (as per CSSR 2011-12) 20 cm X 30 cm (8" X 12") - 3.82 cum.	01-03-006	1203.62	1000 Nos.	1323.98
13	1100 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	01-03-011	3490.29	1000 Nos.	3839.32

S. No	Quantity	Description of work	2020-21 FSR Item No.	Rate	Per	Amount
1	2	3	4	5	6	7
14	9.50 Kgs	Cost of polythene bags	01-03-013	150.00	Kgs	1425.00
15	1100 Nos.	COST OF PRIMARY BEDS (Rs. 750 for 250 Seedlings for each seedling 750 / 250 =Rs. 3.00)	As per Data	3.00	Per Seedling	3300.00
16	1100 Nos.	Picking out seedlings from primary beds and transplanting in bags.	01-03-014	173.68	1000 Nos.	191.05
17	0.90 Bed / 4 Months	Watering the plants twice a day 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)	01-03-016	321.05	Per bed /month	1155.78
18	0.90 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)	01-03-017	61.89	Per bed/ weeding	111.40
19	0.90 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.	01-03-018	283.73	Per bed/ shifting	255.36
20	1100 Nos.	Cost of chemicals, insecticides, pesticides etc.,	01-03-019	As per actual		800.00
21		Contingencies such as electricity bills, maintenance of motor and pipe line etc				532.78
Rate for 2021-22						13000.00
Add 10% extra rate for 2022-23						14300.00
Add 10% extra rate for 2023-24						15700.00


 Forest Range Officer,
 Dhone


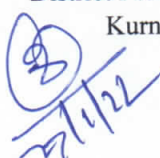

 District Forest Officer
 Kurnool

 27/1/22

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

Unit - 1000 Nos.

S. No	Quantity	Description of work	2020-21 FSR Item No.	Rate	Per	Amount
1	2	3	4	5	6	7
1	0.90 Bed	Watering the plants twice a day for 10 m x 1 m; (800 - 8"x12" bags) (4 months)	01-03-020	321.05	Per Bed/ Month	1155.78
2	0.90 Bed	Weeding 4 times for 10m x 1m size bed (800 - 8"x12" bags)	01-03-021	61.89	Per Bed/ Weeding	222.80
3	0.90 Bed	Shifting and grading and re-arranging in beds for 10m x 1m size bed (800 - 8"x12" bags) (2 times)	01-03-022	283.73	Per Bed/ Shifting	510.71
4	0.90 Bed	Cost of Cow dung slurry	01-03-023	400.00	Per Bed	360.00
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)	01-03-024	257.07	1000 Nos. per time	514.14
		Maintenance of bag nursery From August onwards till disposal				
	0.90 Bed	Watering the plants twice a day for 10 m x 1 m; (800 - 8"x12" bags) (4 months)	01.03.025	160.53	Per Bed/ Month	577.91
	0.90 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)	01.03.031	71.76	As per District Collector Wage rate	516.67
6	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.				141.98
Rate for 2021-22						4000.00
Add 10% extra rate for 2022-23						4400.00
Add 10% extra rate for 2023-24						4800.00
Add 10% extra rate for 2024-25						5300.00
Add 10% extra rate for 2025-26						5800.00
Add 10% extra rate for 2026-27						6400.00


Forest Range Officer,
Dhone


District Forest Officer
Kurnool


Data sheet for Advance cum Raising of plantation for ANR

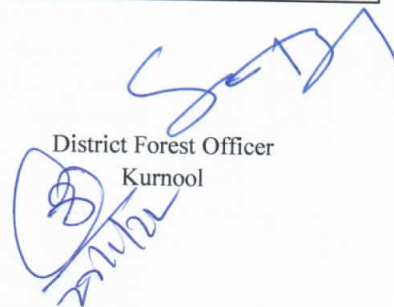
Unit - 1 Ha

1000 Nos

S. No	Quantity	Description of work	2021-22 FSR Item No.	Rate	Per	Amount
1	2	3	4	6	7	8
Advance Operations						
1	Plantation	Survey with GPS (Only staff to carry out) one manday is allowed for assistance (as per RSSR)	02-02-001	250.48	Plantation	250.48
		Cutting high stumps, coppicing, singling of multiple shoots, climber cutting, cutting back damaged trees, etc.,				
2	1 Ha	(b) 250 to 500 stems/stumps per ha.	05-09-002	3382.10	Ha	3382.10
3	1 Ha	Improvement of natural forest including tending and cultural operations like cutting of high stumps in natural forest, coppicing, singling, multiple shoot climber cutting, cutting back damaged trees having thorny growth in less than 0.5 density areas and more than 0.5 density areas. (with the prior permission of DFO).	05-09-005	8718.88	Ha	8718.88
Raising of Plantation						
4	1000	Digging of 0.45 cum pits in hard gravelly soils (0.45x0.45x0.45 size pit)	02-03-025	24.46	Each	24460.00
5	1000	Filling of pits with Red soil by importation with lead of 10 km	As per FSR & SSR	99.08	each	99080.00
		Cost of Red soil upto 5 km lead- FSR Item No.04-10-003-Rs.346.62 @ 1 cum- Rs.346.62 (or) 0.45*0.45*0.45*346.62 @ 31.58 per pit				
		Add lead charges over and above 5 km i.e. 5-10 km As per RSSR 13.50 per km for 5 kms = Rs.67.50 /- Rs.31.58+Rs.67.50 = Rs.99.08/-				
6	1000	Transport of 8"x 12" size bag plants from nursery site to plantation site including loading and unloading over a lead of 25 Km	02-03-010 & 02-03-015	595.79	100 Nos.	5957.90
7	1000	Internal Transport of seedlings to planting points	02-03-020	166.89	100 Nos.	1668.90
8	1000	Planting of bag plants after basal dressing with insecticides and planting in 45 cm X 45cm X 45 cm cube pits	02-03-034	514.12	100 Nos.	5141.20
Replacement of casualties - 15%						
9	150	Redigging of 45 cum pits in hard gravelly soils, transport of 8x12 size bags to planting site, internal transport of PPs and planting of bag plants in 45 cm cube pits.	As above	3722.80	100 Nos.	5584.20
10	1000	Cost of Chemical fertilisers (50gm SSP for basal dressing, 20 gm DAP after planting for 30 cm ³ & 45 cm ³ pits).	02-03-031	900.00	As per actuals	900.00

S. No	Quantity	Description of work	2021-22 FSR Item No.	Rate	Per	Amount
1	2	3	4	6	7	8
11	1000	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	46.17	100 Nos.	461.70
12	1000	Circular Weeding cum deep soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil alround the plant to 10cm wide but weeding that part of area by hand and formation of saucer	02-03-039	771.18	100 Nos.	7711.80
13	100	Creation of Fire lines 3 mts wide	02-03-049	7.17	Rmt	717.00
14	1000	Pruning of lower foliage/ branches of NTFP species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3 rd height.	02-03-050	145.96	100 Nos.	1459.60
15	1000	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	27.54	100 Nos.	275.40
16	1 Ha./ 10 Months	Wages for watch and ward from June to March @ Rs.8684/20 Ha-1 No@ Rs.334/- per day for 26 days in a month (As per District Collector wage rate)	02-03-053	434.2	Ha / PM	4342.00
17	20000	Provision for watering the plants by engaging tractor rates approved under Avenue plantations has been adopted. 20 waterings x1000 Nos	02-14-039	261.27	100 Nos/ Per watering	52254.00
18	LS	Contingencies for unforeseen items				634.84
Rate for 2021-22						223000.00
Add 10% extra rate for 2022-23						245300.00
Add 10% extra rate for 2023-24						269800.00
Add 10% extra rate for 2024-25						296800.00


 Forest Range Officer,
 Dhone


 District Forest Officer
 Kurnool

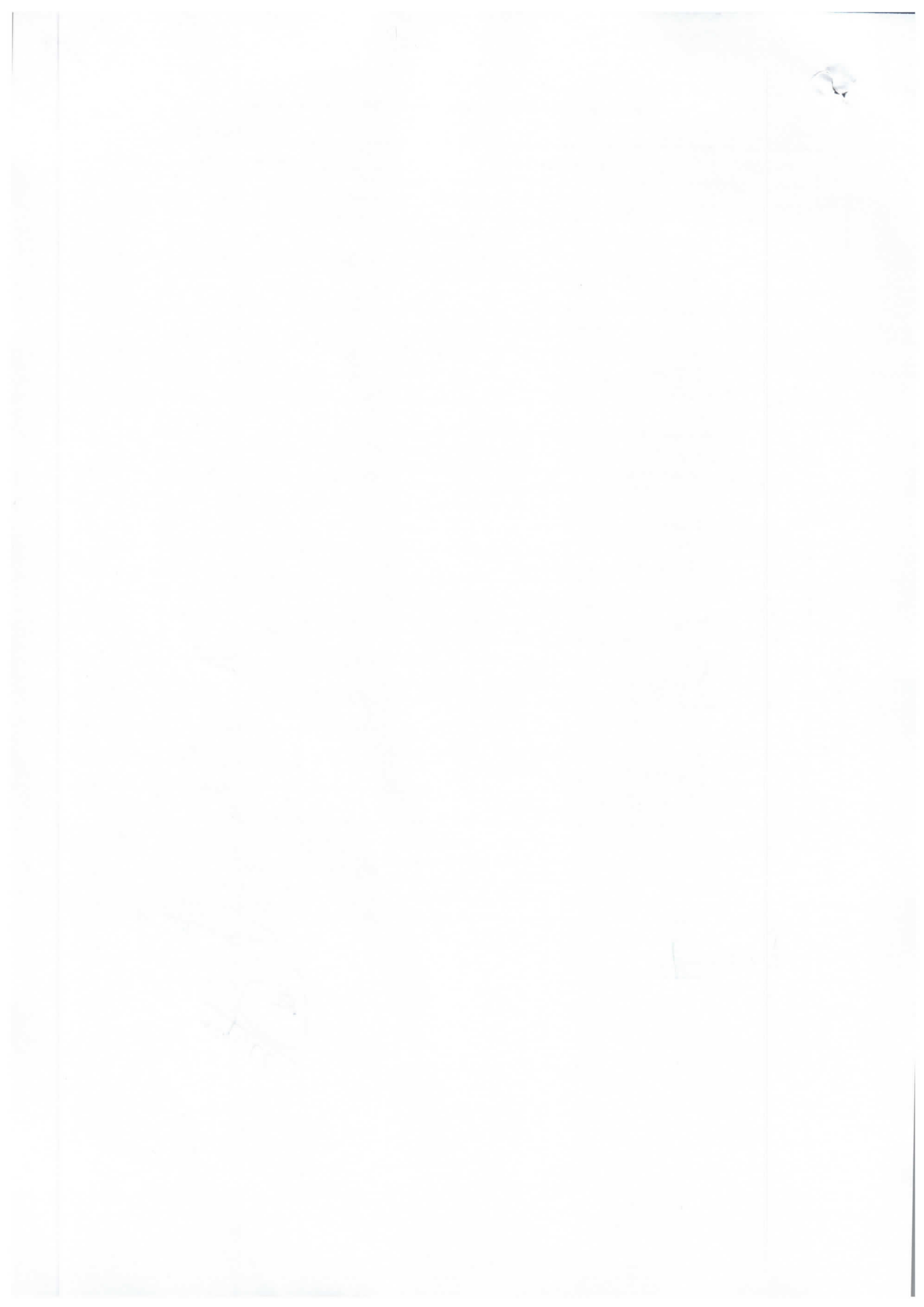
Data Sheet for 1st year maintenance of Plantation - ANR

Unit - 1 Ha 1000 Nos

S. No	Quantity		Description of work	2021-22 FSR Item No.	Rate	Per	Amount
1	2		3	4	6	7	8
Replacement of casualties - 10%							
1	100	Nos	Redigging of 45 cum pits in hard gravelly soils, transport of 8x12 size bags to planting site, internal transport of PPs and planting of bag plants in 45 cm cube pits.	As above	3722.80	100 Nos.	3722.80
2	15000	Nos	Provision for watering the plants by engaging tractor rates approved under Avenue plantations has been adopted. 15 waterings x1000 Nos	02-14-039	261.27	100 Nos/ Per watering	39190.50
3	1000	Nos	Circular Weeding cum deep soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil around the plant to 10cm wide but weeding that part of area by hand and formation of saucer	02-04-007	771.18	100 Nos.	7711.80
4	100	Rmt	Creation of Fire lines 3 mts wide	02-04-008	7.17	Rmt	717.00
5	1 Ha./ 12 Months		Wages for watch and ward from April to March @ Rs.8684/20 Ha-1 No@ Rs.334/- per day for 26 days in a month (As per District Collector wage rate)	02-04-009	434.2	Ha / PM	5210.40
6	1000	Nos	Pruning of lower foliage/ branches of NTFP/NTSH/Miscellaneous species etc. plants upto 1/3 rd height.	02-04-010	145.96	100 Nos.	1459.60
7	1000	nos	Enumeration of survivals, pest control, labour amenities, sharpening of tools, etc.	02-04-011	27.54	100 Nos.	275.40
8	LS	Nos	Contingencies for unforeseen items				712.50
Rate for 2021-22							59000.00
Add 10% extra rate for 2022-23							64900.00
Add 10% extra rate for 2023-24							71400.00
Add 10% extra rate for 2024-25							78500.00
Add 10% extra rate for 2025-26							86400.00

[Signature]
Forest Range Officer,
Dhone

[Signature]
District Forest Officer
Kurnool
[Signature]
27/1/24



Data Sheet for 2nd year maintenance of Plantation - ANR

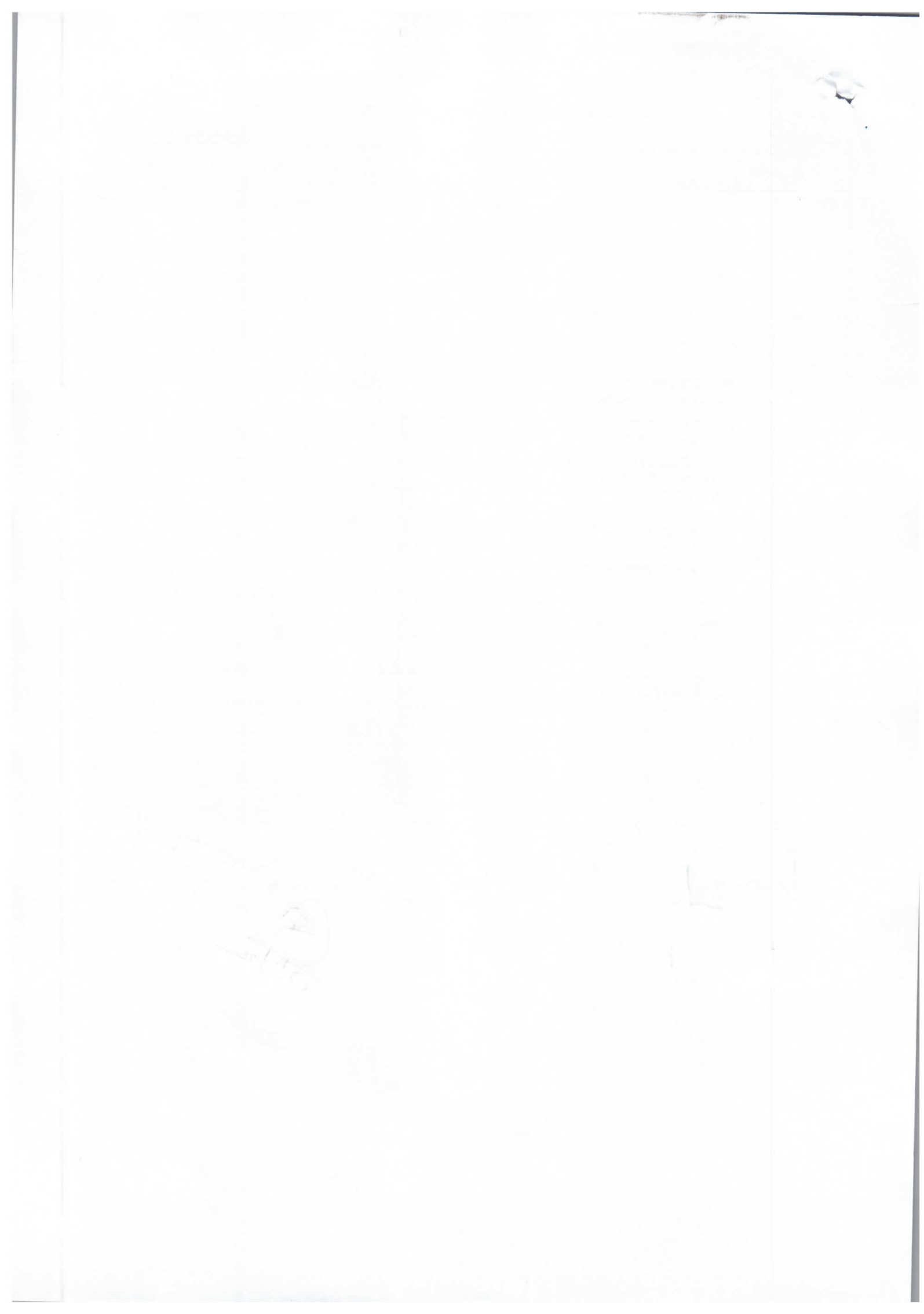
Unit - 1 Ha 1000 Nos

S. No	Quantity		Description of work	2021-22 FSR Item No.	Rate	Per	Amount
1	2		3	4	6	7	8
1	9000	Nos	Provision for watering the plants by engaging tractor rates approved under Avenue plantations has been adopted. 9 waterings x1000 Nos	02-14-039	261.27	100 Nos/ Per watering	23514.30
2	1000	Nos	Circular Weeding cum deep soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil around the plant to 10cm wide but weeding that part of area by hand and formation of saucer	02-05-002	771.18	100 Nos.	7711.80
3	100	Rmt	Creation of Fire lines 3 mts wide	02-05-010	7.17	Rmt	717.00
4	1 Ha./ 12 Months		Wages for watch and ward from April to March @ Rs.8684/20 Ha-1 No@ Rs.334/- per day for 26 days in a month (As per District Collector wage rate)	02-05-011	434.2	Ha / PM	5210.40
5	1000	Nos	Pruning of lower foliage/ branches of NTFP/NTSH/Miscellaneous species etc. plants upto 1/3 rd height.	02-05-012	145.96	100 Nos.	1459.60
6	LS	Nos	Contingencies for unforeseen items				386.90
Rate for 2021-22							39000.00
Add 10% extra rate for 2022-23							42900.00
Add 10% extra rate for 2023-24							47200.00
Add 10% extra rate for 2024-25							51900.00
Add 10% extra rate for 2025-26							57100.00
Add 10% extra rate for 2026-27							62800.00

Praveen
Forest Range Officer,
Dhone

S. S. S.
District Forest Officer
Kurnool

27/11/22

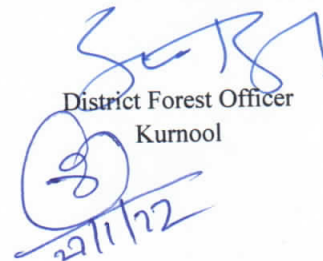


Data Sheet for 3rd year maintenance of Plantation - ANR

Unit - 1 Ha 1000 Nos

S. No	Quantity		Description of work	2021-22 FSR Item No.	Rate	Per	Amount
1	2		3	4	6	7	8
1	1	Ha	Cutting of coppies growth plus to the ground over the entire area of including retaining useful species and placing the cut material in between the planting points in low rainfall zone	02-05-008	1146.41	Ha	1146.41
2	1000	Nos	Circular Weeding cum deep soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil alround the plant to 10cm wide but weeding that part of area by hand and formation of saucer -(One weeding cum soil working)	02-06-001	771.18	100 Nos.	7711.80
3	100	Rmt	Creation of Fire lines 3 mts wide	02-06-005	7.17	Rmt	717.00
4	1 Ha./ 12 Months		Wages for watch and ward from April to March @ Rs.8684/20 Ha-1 No@ Rs.334/- per day for 26 days in a month (As per District Collector wage rate)- (Watch & ward for 12 months)	02-06-006	434.2	Ha / PM	5210.40
5	1000	Nos	Pruning of lower foliage/ branches of NTFP/NTSH/Miscellaneous species etc. plants upto 1/3 rd height.	02-06-007	145.96	100 Nos.	1459.60
6	1000	Nos	Enumeration of survivals, pest control, labour amenities, sharpening of tools, etc.	02-06-008	27.54	100 Nos.	275.40
7	LS	Nos	Contingencies for unforeseen items				479.39
Rate for 2021-22							17000.00
Add 10% extra rate for 2022-23							18700.00
Add 10% extra rate for 2023-24							20600.00
Add 10% extra rate for 2024-25							22700.00
Add 10% extra rate for 2025-26							25000.00
Add 10% extra rate for 2026-27							27500.00
Add 10% extra rate for 2027-28							30300.00


Forest Range Officer,
Dhone

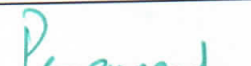

District Forest Officer
Kurnool
21/1/22



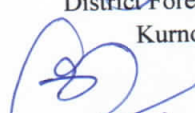
Data Sheet for 4th year maintenance of Plantation - ANR

Unit - 1 Ha 1000 Nos

S. No	Quantity		Description of work	2021-22 FSR Item No.	Rate	Per	Amount
1	2		3	4	6	7	8
1	1	Ha	Cutting of coppies growth plus to the ground over the entire area of including retaining useful species and placing the cut material in between the planting points in low rainfall zone	02-05-008	1146.41	Ha	1146.41
2	100	Rmt	Creation of Fire lines 3 mts wide	02-07-001	7.17	Rmt	717.00
3	1000	Nos	Circular Weeding cum deep soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil alround the plant to 10cm wide but weeding that part of area by hand and formation of saucer -(One weeding cum soil working)	02-07-002	771.18	100 Nos.	7711.80
4	1 Ha./ 12 Months		Wages for watch and ward from April to March @ Rs.8684/20 Ha-1 No@ Rs.334/- per day for 26 days in a month (As per District Collector wage rate)- (Watch & ward for 12 months)	02-07-005	434.2	Ha / PM	5210.40
5	1000	Nos	Pruning of lower foliage/ branches of NTFP/NTSH/Miscellaneous species etc. plants upto 1/3 rd height.	02-07-006	145.96	100 Nos.	1459.60
6	1000	Nos	Enumeration of survivals, pest control, labour amenities, sharpening of tools, etc.	02-07-007	27.54	100 Nos.	275.40
7	LS	Nos	Contingencies for unforeseen items				479.39
Rate for 2021-22							17000.00
Add 10% extra rate for 2022-23							18700.00
Add 10% extra rate for 2023-24							20600.00
Add 10% extra rate for 2024-25							22700.00
Add 10% extra rate for 2025-26							25000.00
Add 10% extra rate for 2026-27							27500.00
Add 10% extra rate for 2027-28							30300.00
Add 10% extra rate for 2028-29							33300.00


Forest Range Officer,
Dhone


District Forest Officer
Kurnool


27/1/22



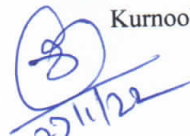
Data Sheet for 5th year to 10th year maintenance of Plantation - ANR

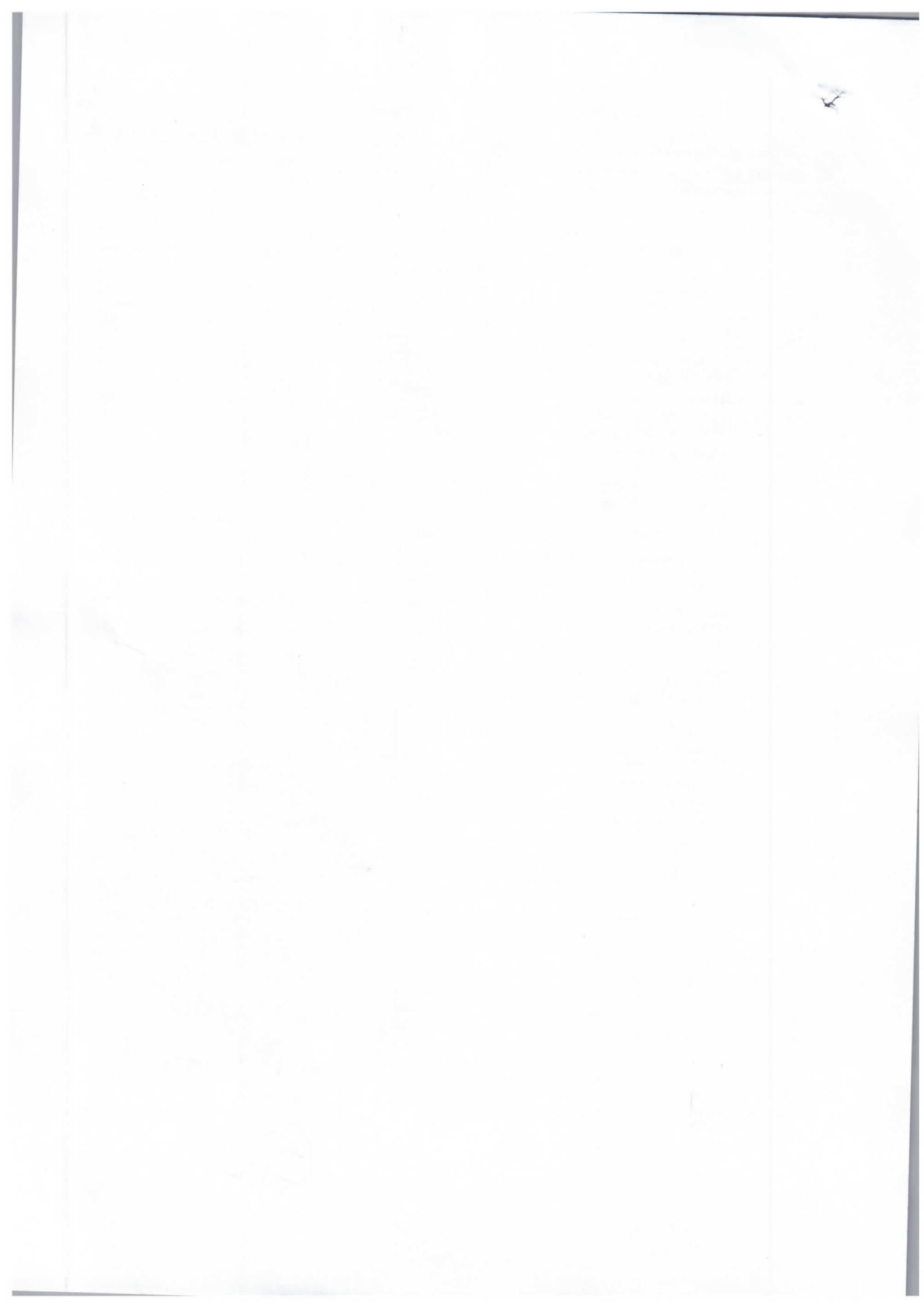
Unit - 1 Ha 1000 Nos

S. No	Quantity		Description of work	2021-22 FSR Item No.	Rate	Per	Amount
1	2		3	4	6	7	8
1	1	Ha	Cutting of coppies growth plus to the ground over the entire area of including retaining useful species and placing the cut material in between the planting points in low rainfall zone	02-05-008	1146.41	Ha	1146.41
2	100	Rmt	Creation of Fire lines 3 mts wide	02-08-001	7.17	Rmt	717.00
3	1000	Nos	Circular Weeding cum deep soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil around the plant to 10cm wide but weeding that part of area by hand and formation of saucer -(One weeding cum soil working)	02-08-002	771.18	100 Nos.	7711.80
4	1 Ha./ 12 Months		Wages for watch and ward from April to March @ Rs.8684/20 Ha-1 No@ Rs.334/- per day for 26 days in a month (As per District Collector wage rate)- (Watch & ward for 12 months)	02-08-005	434.2	Ha / PM	5210.40
5	1000	Nos	Pruning of lower foliage/ branches of NTFP/NTSH/Miscellaneous species etc. plants upto 1/3 rd height.	02-08-006	145.96	100 Nos.	1459.60
6	1000	Nos	Enumeration of survivals, pest control, labour amenities, sharpening of tools, etc.	02-08-007	27.54	Nos	275.40
7	LS	Nos	Contingencies for unforeseen items				479.39
Rate for 2021-22							17000.00
Add 10% extra rate for 2022-23							18700.00
Add 10% extra rate for 2023-24							20600.00
Add 10% extra rate for 2024-25							22700.00
Add 10% extra rate for 2025-26							25000.00
Add 10% extra rate for 2026-27							27500.00
Add 10% extra rate for 2027-28							30300.00
Add 10% extra rate for 2028-29							33300.00
Add 10% extra rate for 2029-30							36600.00
Add 10% extra rate for 2030-31							40300.00
Add 10% extra rate for 2031-32							44300.00
Add 10% extra rate for 2032-33							48700.00
Add 10% extra rate for 2033-34							53600.00
Add 10% extra rate for 2034-35							59000.00


 Forest Range Officer,
 Dhone


 District Forest Officer
 Kurnool


 29/11/22



Line Estimate

Data Sheet for Construction of RCC Boundary Pillar

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	7.42	44.52
						Sqmt	per Sqmt	
2	Earth work excavation in Hard gravelly soils	1 x 1	1.20	1.20	0.45	0.648	307.86	199.49
						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	7078.67	5783.27
						Cum	Cum	
4	Plastering with CM (1:4)	1 x 4	1.20	(0.45 + 0.3)/2	--	1.800	5962.95	1073.33
						Sqmt	10 Sqmt	
5	White Washing	1 x 4	1.20	(0.45 + 0.3)/2	--	1.800	686.59	123.59
						Sqmt	10 Sqmt	
6	Cost of Steel and its fabrication charges etc. complete	1 x 1	--	--	--	2.900	122.00	353.80
						KGs	Per KG	
4	Contingencies							2422.00
						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

Prafulla
Forest Range Officer,
Dhone

SET 81
District Forest Officer,
Kurnool

(8)
27/1/22



103

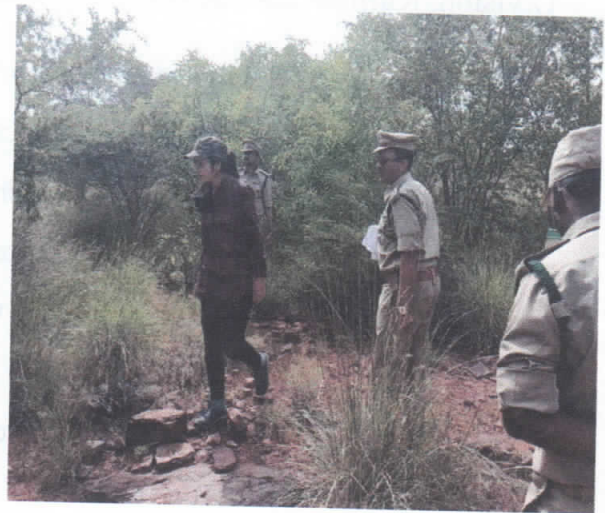
**SITE INSPECTION REPORT OF THE DISTRICT FOREST OFFICER, KURNOOL IN
NON-FOREST LAND IDENTIFIED OVER AN EXTENT 1.13 HA FOR COMPENSATORY
AFFORESTATION IN KURNOOL RANGE OF KURNOOL (T) DIVISION.**

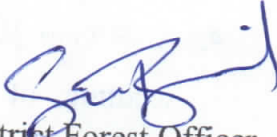
On 09.11.2021, the undersigned accompany with the Forest Range Officer, Dhone, concerned field staff and representative of the Water Resource Department have inspected the non-forest land identified in Sy.No.378/2, Sunkesula village, Owk Mandal, Kurnool Division/District over an extent of 1.13 Ha in lieu of proposed for diversion of 1.11 ha of forest land for laying of Gravity main-3 near Eddupenta RF, Dhone Mandal of Kurnool District to provide drinking water and irrigation facilities to 68 tanks in the upland areas of Kurnool District on left side of HNSS main canal Phase-I in favour of Executive Engineer, W.R.D, M.I.W. Division, Kurnool and the following observations are made:

1. The non-forest land identified for compensatory afforestation over an extent of 1.13 ha in Sy.No.378/2, Sunkesula village, Owk Mandal, Kurnool District is adjacent to the already identified non-forest land for compensatory afforestation purpose over an extent of 4.73 ha in the same survey number.
2. The soil is red soil interspersed with small to medium boulders and may be suitable for ANR/Gap plantation.
3. The vegetation in the proposed non-forest land is *Anageous latifolia* (Chirumanu), *Cassia fistula* (Rela), *Carissa carandus* (Kavli) etc.,
4. ANR/Gap planting can be taken up with 500 plants per hectare with tall seedlings of 1.5 mtr to 3mtr height by providing provision of watering and imported soil.
5. The remaining balance seedlings will be planted in G.A Bad South RF/ G.A Bad Beat of Dhone Range as per the Working Plan prescriptions.
6. Other cultural operations like tending, removal of unwanted bushes, singling of existing trees, fire tracing operations etc., can also be taken up.
7. Soil Moisture Conservation (SMC) works can also be taken up.
8. The Compensatory Afforestation land identified in Sy.No.378/2, Sunkesula village Owk Mandal is approximately 2.14 Km aerial distance from Reddepalle RF (Notified U/s 24), Owk Beat, Banaganapalli Section of Dhone Range.

Further, a total extent of 1.13 Ha CA land has been authenticated by the Principal Chief Conservator of Forests, (HoFF), Andhra Pradesh, Guntur vide PCCF, AP, Guntur Ref.no.EFS02-15027/1/2019-FCA SEC-PCCF/FCA-1, dt.09.12.2021 and the Compensatory Afforestation scheme has been prepared for entire area identified for C.A purpose over an extent of 1.13 ha.

Further, the Compensatory Afforestation land identified under this project do not overlap in the CA land identified for other projects. The CA area should be raised under ANR/Gap plantations and maintained upto 10 years to ensure good results.




District Forest Officer,
Kurnool