

**GOVERNMENT OF ANDHRA PRADESH
FOREST DEPARTMENT**

Rc.No.3239/2021-TO,
Dated:-02.04.2022

Office of the Conservator of Forests,
Kurnool Circle, Kurnool

**Sri P.Ramakrishna, IFS.,
Conservator of Forests**

Sub:- APFD - F(C) Act, 1980 - Diversion of 4.89 Ha. of forest land in Compt.No.121 of Utukuru RF, Nellore Division for grant of Mica, Quartz & Feldspar in favour of Sri P.Dilip Kumar - Non forest land identified for CA - CA scheme prepared and submitted for administrative approval accorded - Reg.

Ref:- DFO, Kurnool Rc.No.2759/2021-H5, Dt.30.03.2022

The CA scheme submitted by the District Forest Officer, Kurnool through reference cited has been scrutinized and corrected in the abstract for an outlay of Rs.47.000 lakhs and administrative approval is accorded for Rs.47.000 lakhs. The District Forest Officer, Kurnool is requested to revise the year wise action plan for Rs.47.00 lakhs as per the corrected copy enclosed and furnish the same to the Divisional Forest Officer, Nellore duly after signed by her to upload the CA scheme into Parivesh portal and to take further action in the matter and submit compliance report in this regard.

Encl:- As above.

Sd/-P.Ramakrishna,
Conservator of Forests,
Kurnool Circle, Kurnool.

To
The District Forest Officer,
Kurnool.

Copy submitted to the Chief Conservator of Forests, Guntur Circle, Guntur for favour of information and necessary action.

Copy to the Divisional Forest Officer, Nellore for information.

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P-*[Signature]* *[Signature]*
Technical Officer
2/4/22

Proposals for Raising of 4.20 Ha Compensatory Afforestation in non-forest land in Sy.Nos.714/4, 715/1/B, 714/1, 718/1, 718/2 & 718/4, in Mettupalli Revenue village, Owk Mandal for CA in lieu of diversion of 4.89 ha [Mining Area-4.08 Ha; SZA-0.69 Ha; Road Area-0.12 Ha] of forest land in Compartment No.121 of Utukuru RF, Venkatagiri Range, Nellore Division for grant of Mica, Quartz & Feldspar in favour of Sri P.Dilip Kumar.

1. Objective		To raise Compensatory Afforestation with the funds of Sri P.Dilip Kumar S/o Pardhasaradhi, D.no.5-145, S.K.Nagar, Tirupathi in the CA area in lieu of proposal for diversion of 4.89 ha [Mining Area-4.08 Ha; SZA-0.69 Ha; Road Area-0.12 Ha] of forest land in Compartment No.121 of Utukuru RF, Venkatagiri Range, Nellore Division for grant of Mica, Quartz & Feldspar in favour of Sri P.Dilip Kumar authenticated and the area assessed is 5.16 ha (i.e.1.88 ha for Bit-I+ 1.62 ha for Bit-2 + 1.66 ha for Bit-3).			
Sl. no	Division	Range	Beat	Location/Compt.No.	Area proposed for diversion in Ha
1	Nellore	Venkatagiri	Chengampeta	Utukuru RF, Compt.No.121	4.89 ha
				Total	4.89 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 Compensatory Afforestation area (Non-Forest Land (NFL)) proposed for raising of plantations in Kurnool Division is as follows.		
Sl. no	Range	Section	Beat	Mandal & Village, Sy.Nos.	Remarks
1	Dhone	Banganapalli	Owk	Owk Mandal, Mettupalli (V), Sy.Nos. Sy.Nos.714/4, 715/1/B, 714/1, 718/1, 718/2 & 718/4,	The DGPS map has been authenticated total extent of 5.16 by the GIS cell O/o the PCCF, AP, Guntur.
4. Type of the CA land			The proposed Compensatory Afforestation area identified in Non-Forest Land (NFL) contain deep black soil ideal for raising SMM plantation (AR) plantation not less than @ 1000 seedlings per hectare with the Forest species with tall seedlings of 1.5 mtr to 3mtr height by providing provision for watering. Soil Moisture Conservation (SMC) works can also be taken up.		

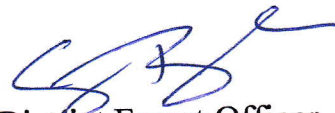
	The Compensatory Afforestation scheme has been prepared for 4.20 ha (Total diverted Area 4.89 ha, out of which 0.69 Ha SZA area = 4.89 - 0.69 Ha = 4.20 Ha]
5. Vegetation	<i>Proshaphis juliflora</i> and shrubs like <i>Bobbili</i>, <i>Kalivi</i>, <i>Tangedu</i> etc.,
6. Treatment Proposed	<u>Semi Mechanical Method of Planting:-</u> The treatment proposed for raising of Compensatory Afforestation area is under Semi Mechanical Method of Plantation depending on the type of soil, density of vegetation. Tall plants of size 8"x12" are proposed for planting in 0.45 mt cube pits to facilitate quick establishment and growth. For loosening the top soil and to facilitate water absorption and good growth ploughing is preferred. Chain-link fencing 525 Rmt is proposed around the identified Compensatory Afforestation plantation site in three bits. 13 Nos Boundary Pillars are proposed to construct around the Compensatory Afforestation land. 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. Provision for formation of approach road to the plantation site is also proposed. The Compensatory Afforestation area should be raised under Semi Mechanical Method and to be maintained upto 10 years to ensure good results.
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	NTSH species	Large canopy plants	1. <i>Hardwickia binata</i>
			2. <i>Azadirachta indica</i>
			3. <i>Dolichandrone crista</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	Sri P.Dilipkumar, D.no.5-145, S.K. Nagar, Tirupati (Urban), Tirupati, Andhra Pradesh, Chittoor Dist. Pin :517501, Email address : dilipkumarpemmasanee@gmail.com Mobile No : 9866964355
9. Agency for implementation of Compensatory Afforestation.	A.P.Forest Department
10. Cost of the Scheme	Rs.47.00 lakhs.


Forest Range Officer,
Dhone Range, Dhone


District Forest Officer
Kurnool (T) Division, Kurnool


ABSTRACT

S.No	Description of item	Phy	Fin (Rs in lakhs)
1	Cost of Plantation		
a	Raising & maint. Of nurseries	8740 nos	2.278
b	Raising and maintenance of plantations (including pprovision for watering and imported soil)	4.20 ha	23.226
2	Cost of fencing	525 Rmt	6.500
3	Construction of boundary pillars	13 nos	1.729
4	Formation of approach road to the plantation site	LS	6.000
5	SMC works 15% on the plantation cost (RFDs/PTs/MPTs/CDs/CCTs)	LS	3.517
6	Monitoring & Evaluation (5% on the plantation cost)	LS	1.200
7	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	2.550
		Gr.Total	47.000


Forest Range Officer,
Dhone Range, Dhone


District Forest Officer
Kurnool


6/14/22

COMPENSATORY AFFORESTATION ACTION PLAN FOR RAISING OF 5.16 Ha IN SY. NO. 714/4, 715/1/B, 714/1, 718/1, 718/2 & 718/4 IN METTUPALLI REVENUE VILLAGE, OWK MANDAL FOR CA IN LIEU OF DIVERSION OF 4.83 HA OF FOREST LAND IN COMPARTMENT NO.121 OF UTUKURU RF, NELLORE DIVISION FOR GRANT OF MICA, QUARTZ & FELDSPAR IN FAVOUR OF SRI P. DILIP KUMAR AUTHENTICATED AND THE AREA ASSESSED IS 5.16 HA (I.E. 1.88 HA FOR BIT-1+ 1.62 HA FOR BIT-2 + 1.66 HA FOR BIT-3)

ABSTRACT CUM YEAR WISE ACTION PLAN

ABSTRACT CUM YEAR WISE ACTION PLAN																					
Sl. no	Name of the work	Unit	Unit rate	2023-24			2024-25			2025-26			2026-27			2027-28			2028-29		
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)						
I	Nursery Raising and Maintenance																				
a	Raising of 8"x12" nursery	1000 Nos	0.139	8740	1.215																
b	Maintenance of Nursery	1000 Nos	0.073			8740	0.638														
		1000 Nos	0.080					3141	0.251	1973	0.174										
		1000 Nos	0.088						0.251		0.174		0.000						0.000		
	Total Nursery cost				1.215		0.638		0.251		0.174		0.000						0.000		
II	Plantation																				
a	Advance Operations	Ha	0.545	4.2	2.289																
b	Raising of plantation	Ha	0.746			4.2	3.133														
c	1st year maintenance	Ha	0.439					4.2	1.844												
d	2nd year maintenance	Ha	0.483							4.2	2.029										
e	3rd year maintenance	Ha	0.354									4.2	1.487						1.634		
f	4th year maintenance	Ha	0.389																		
g	5th year maintenance	Ha	0.334																		
h	6th year maintenance	Ha	0.367																		
IV	7th year maintenance	Ha	0.404																		
j	8th year maintenance	Ha	0.444																		
k	9th year maintenance	Ha	0.488																		
l	10th year maintenance	Ha	0.537																		
	Total Plantation cost				2.289		3.133		1.844		2.029		1.487						1.634		
III	Chainlinkfencing around the CA plantation area	Rmt	0.012378	0	0.00	525	6.50		0.000		0.000		0.000						0.000		
IV	Boundary pillars around the Plantation site	Nos	0.133	0	0.000	13	1.729		0.000		0.000		0.000						0.000		
V	Formation of approach road to the plantation site	LS	5	LS	6.000		0.000		0.000		0.000		0.000						0.000		
VI	SMC works 15% on the plantation cost (RFDs/PTs/MPTs/CDTs)	LS	--		0.000		0.000		0.400		0.400		0.400						0.400		
VII	Monitoring & Evaluation (5% on the plantation cost)	LS	--		0.000		0.000		0.000		0.150		0.150						0.150		
VIII	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		0.300		0.300		0.300		0.300						0.300		
	Grand Total				9.504		12.300		2.795		3.052		2.337						2.484		

Pranav
Forest Range Officer,
Dhone Range

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District Forest Officer
Kurnool (T) Division, Kurnool

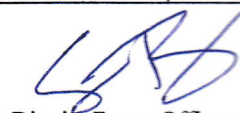
Data for Raising of Misc. Nursery in 8"x12"x400 Guage Bag

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 unvaivable 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

S. No	Quantity	Description of work	2020-21 FSR Item No.	Rate	Per	Amount
1	2	3	4	5	6	7
13	1100 Nos.	Preparation of potting mixture Red Soil and Clayey Soil in 2:1 ratio by powdering of various ingredients, sieving and mixing them in the prescribed proportion, 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
14	12.79 Kgs	Cost of polythene bags	01-03-013	150.00	Kgs	1918.50
15	1100 Nos.	COST OF PRIMARY BEDS (Rs. 750 for 250 Seedlings for each seedling 750 / 250 =Rs. 3.00)	As per Data	0.75	Per Seedling	825.00
16	1100 Nos.	Picking out seedlings from primary beds and transplanting in bags.	01-03-014	173.68	1000 Nos.	191.05
17	1.25 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	1605.25
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)	01-03-017	61.89	Per bed/ weeding	154.73
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.	01-03-018	283.73	Per bed/ shifting	354.66
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				422.18
Rate for 2021-22						11500.00
Add 10% extra rate for 2022-23						12650.00
Add 10% extra rate for 2023-24						13900.00


 Forest Range Officer,
 Dhone


 District Forest Officer
 Kurnool


 6/6/22

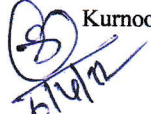
Data for Maintenance of Misc. Nursery in 8"x12" Bag

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	1.25 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	1605.25
2	1.25 Bed	Weeding 4 times for 10m x 1m size bed (800 - 8"x12" bags)	01-03-021	61.89	Per Bed/ Weeding	309.45
3	1.25 Bed	Shifting and grading and re-arranging in beds for 10m x 1m size bed (800 - 8"x12" bags) (2 times)	01-03-022	283.73	Per Bed/ Shifting	709.33
4	1.25 Bed	Cost of Cow dung slurry	01-03-023	400.00	Per Bed	500.00
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				
6	1.25 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	802.65
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)	01.03.031	71.76	As per District Collector Wage rate	717.60
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.				341.58
Rate for 2021-22						5500.00
Add 10% extra rate for 2022-23						6000.00
Add 10% extra rate for 2023-24						6600.00
Add 10% extra rate for 2024-25						7300.00
Add 10% extra rate for 2025-26						8000.00
Add 10% extra rate for 2026-27						8800.00


Forest Range Officer,
Dhone

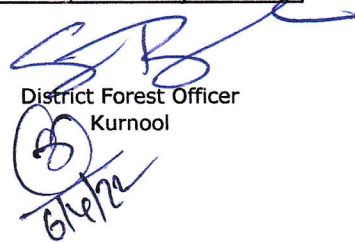

District Forest Officer
Kurnool


6/11/22

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

Sl. No.	Qty	Description of work	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	250.48	Plantation	250.48
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.	02-02-004	7368.68	Ha.	7368.68
		Light Jungle growth (> 20% and upto 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.	02-02-009	19657.86	Ha.	19657.86
		Light Jungle growth (> 20% and upto 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.	02-02-013	12080.11	Ha.	12080.11
		Light Jungle growth (> 20% and upto 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)	02-02-019	4401.38	Ha	4401.38
		Hard /Gravelly Soils (50% extra on ordinary soil rate)				
6		Contingencies				1241.49
Rate for 2021-22						45000.00
Add 10% extra rate for 2022-23						49500.00
Add 10% extra rate for 2023-24						54500.00


Forest Range Officer,
Dhone

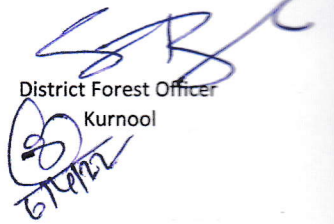

District Forest Officer
Kurnool

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

Sl. No.	Qty	Description of work	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	98.32	100 Nos.	1092.34
2	1111 Nos.	Digging of 45 Cm ³ pits in ploughed area	02-03-025	12.23	each	13587.53
3	1111 Nos.	Transport of 8"x12" PP seedlings by 10 Kms lead -	02-03-010 & 02-03-015	360.39	100 Nos.	4003.93
4	1111 Nos.	Internal transport of 8"x12"	02-03-020	166.89	100 Nos	1854.15
5	1111 Nos.	Planting seedlings in 45 Cm ³ pits	02-03-034	514.12	100 Nos	5711.87
6	1111 Nos.	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	2.00	As per actuals	2222.00
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	46.17	100 Nos.	512.95
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	771.18	100 Nos	8567.81
9	1 Ha.	Interploughing to 30 Cms depth with HD tractor to 45 HP (2 times)	02-03-045	4401.38	1 Ha	4401.38
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	27.54	100 Nos.	305.97
11	1111 Nos.	Provision of watering during planting as per PCCFs Circular No.6B/2006-G1 (Rc.No.17309/2000-G1, Dt.16.08.2005) prior instructions to Conservator of Forests	02-03-055	3.41	Plant	3788.51
Replacement Casualties - 20%						
12	222 Nos.	Reopening of 45cm ³ pits 50% of Original rate -	02-03-025	12.23	each	2715.06
13	222 Nos.	Transport of 8"x12" PP seedlings by 10 Kms lead -	02-03-010 & 02-03-015	360.39	100 Nos.	800.07
14	222 Nos.	Internal transport of 8"x12"	02-03-020	166.89	100 Nos.	370.50
15	222 Nos.	Planting seedlings in 45 Cm ³ pits	02-03-034	514.12	100 Nos	1141.35

16	1 Ha./ 9 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	334.00	Ha / PM	3006.00
17	160 RMT	Fire lines to a width of 3 Mtrs.wide	02-03-049	7.17	Rmt	1147.20
18	L.S	Contingencies				771.00
Rate for 2021-22						56000.00
Add 10% extra rate for 2022-23						61600.00
Add 10% extra rate for 2023-24						67800.00
Add 10% extra rate for 2024-25						74600.00


Forest Range Officer,
Dhone


District Forest Officer
Kurnool

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

Sl. No.	Qty	Description of work	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	24.46	Each	6799.88
2	278 Nos.	Transport of 8"x12" PP seedlings by 10 Kms lead -	02-03-010 & 02-03-015	360.39	100 Nos.	1001.88
3	278 Nos.	Internal transport of 8"x12"	02-03-020	166.89	100 Nos.	463.95
4	278 Nos.	Planting seedlings in 45 Cm ³ pits	02-03-034	514.12	100 Nos	1429.25
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	771.18	100 Nos	8567.81
6	1 Ha.	Interploughing to 30 Cms depth with HD tractor to 45 HP	02-04-004	4401.38	1 Ha	4401.38
7	160 RMT	Creation of Fire lines 3 mts wide	02-04-008	7.17	Rmt	1147.20
8	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	334.00	Ha / PM	4008.00
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	145.96	100 Nos	1284.45
10	1 Ha.	Enumeration of survivals, pest control, labour amenities, sharpening of tools, etc.	02-04-011	149.93	Ha	149.93
11	LS	Contingencies				746.26
Rate for 2021-22						30000.00
Add 10% extra rate for 2022-23						33000.00
Add 10% extra rate for 2023-24						36300.00
Add 10% extra rate for 2024-25						39900.00
Add 10% extra rate for 2025-26						43900.00

Praveen
Forest Range Officer,
Dhone

[Signature]
District Forest Officer
Kurnool
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6/4/22

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

Sl. No.	Qty	Description of work	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	24.46	Each	6799.88
2	278 Nos.	Transport of 8"x12" PP seedlings by 10 Kms lead -	02-03-010 & 02-03-015	360.39	100 Nos.	1001.88
3	278 Nos.	Internal transport of 8"x12"	02-03-020	166.89	100 Nos.	463.95
4	278 Nos.	Planting seedlings in 45 Cm ³ pits	02-03-034	514.12	100 Nos	1429.25
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	771.18	100 Nos	8567.81
6	1 Ha.	Interploughing to 30 Cms depth with HD tractor to 45 HP	02-04-004	4401.38	1 Ha	4401.38
7	160 RMT	Creation of Fire lines 3 mts wide	02-04-008	7.17	Rmt	1147.20
8	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	334	Ha / PM	4008.00
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	145.96	100 Nos	1284.45
10	1 Ha.	Enumeration of survivals, pest control, labour amenities, sharpening of tools, etc.	02-04-011	149.93	Ha	149.93
11	LS	Contingencies				746.26
Rate for 2021-22						30000.00
Add 10% extra rate for 2022-23						33000.00
Add 10% extra rate for 2023-24						36300.00
Add 10% extra rate for 2024-25						39900.00
Add 10% extra rate for 2025-26						43900.00
Add 10% extra rate for 2026-27						48300.00

Perumal
Forest Range Officer,
Dhone

[Signature]
District Forest Officer
Kurnool
6/10/22

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

Sl. No.	Qty	Description of work	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	771.18	100 Nos	8567.81
2	1 Ha.	Deep Interploughing with heavy duty tractor	02-06-004	4401.4	1 Ha	4401.38
3	160 RMT	Creation of Fire lines 3 mts wide	02-06-005	7.17	Rmt	1147.20
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)	02-06-006	334	Ha / PM	4008.00
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	145.96	100 Nos	1284.45
6	1 Ha.	Enumeration of survivals, pest control, labour amenities, sharpening of tools, etc.	02-06-008	149.93	Ha	149.93
7	LS	Contingencies				441.00
Rate for 2021-22						20000.00
Add 10% extra rate for 2022-23						22000.00
Add 10% extra rate for 2023-24						24200.00
Add 10% extra rate for 2024-25						26600.00
Add 10% extra rate for 2025-26						29300.00
Add 10% extra rate for 2026-27						32200.00
Add 10% extra rate for 2027-28						35400.00


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

Sl. No.	Qty	Description of work	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	771.18	100 Nos	8567.81
2	1 Ha.	Deep Interploughing with heavy duty tractor	02-06-004	4401.4	1 Ha	4401.38
3	160 RMT	Creation of Fire lines 3 mts wide	02-06-005	7.17	Rmt	1147.20
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)	02-06-006	334	Ha / PM	4008.00
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	145.96	100 Nos	1284.45
6	1 Ha.	Enumeration of survivals, pest control, labour amenities, sharpening of tools, etc.	02-06-008	149.93	Ha	149.93
7	LS	Contingencies				441.00
Rate for 2021-22						20000.00
Add 10% extra rate for 2022-23						22000.00
Add 10% extra rate for 2023-24						24200.00
Add 10% extra rate for 2024-25						26600.00
Add 10% extra rate for 2025-26						29300.00
Add 10% extra rate for 2026-27						32200.00
Add 10% extra rate for 2027-28						35400.00
Add 10% extra rate for 2028-29						38900.00


Forest Range Officer,
Dhone

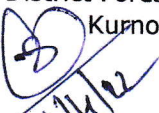

District Forest Officer
Kurnool


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

Sl. No.	Qty	Description of work	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	7.17	Rmt	1147.20
2	1 No./ 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	02-08-005	334.00	Ha/PM	4008.00
3	1111 Nos.	One weeding cum soil working	02-08-002	771.18	100 Nos.	8567.81
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	145.96	100 Nos	1284.45
5	1 Ha.	Enumeration of survivals, pest control, labour amenities, sharpening of tools, etc.	02-08-007	149.93	Ha	149.93
6	LS	Contingencies				343.00
Rate for 2021-22						15500.00
Add 10% extra rate for 2022-23						17100.00
Add 10% extra rate for 2023-24						18800.00
Add 10% extra rate for 2024-25						20700.00
Add 10% extra rate for 2025-26						22800.00
Add 10% extra rate for 2026-27						25100.00
Add 10% extra rate for 2027-28						27600.00
Add 10% extra rate for 2028-29						30400.00
Add 10% extra rate for 2029-30						33400.00
Add 10% extra rate for 2030-31						36700.00
Add 10% extra rate for 2031-32						40400.00
Add 10% extra rate for 2032-33						44400.00
Add 10% extra rate for 2033-34						48800.00
Add 10% extra rate for 2034-35						53700.00


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District Forest Officer
Kurnool

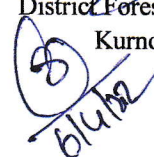

6/11/22

DATA FOR ERECTION OF CHAINLINK FENCING FOR 1 KM

						Unit per km.
S.No	Qty	Description of work	FSR/SSR Item	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1500 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 2021-22	345.00	1 Sqm	517500
		Add GST @ 18%				93150
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	73.50 (including fabrication charges)	Kg	150822
3	1500 Sq Mts	Transport of Chain link mesh to the site	LS			15000
4	1500 Sq Mts	Internal transport of Chain link mesh (of size 25 mts x 7 feet height)	05-15-014 FSR 2021-22 Kurnool Circle	91.09	Per 1 No.	5465
5	200 Nos	Digging of 45 cm. cube pits in hard gravelly soils	02-03-025 FSR 2021-22 Kurnool Circle	24.46	Each	4892
6	18 cum	Filling with CC(1:3:6) with 40mm metal with using 20 mm HBG	CSSR	5360	Cum	96480
7	1500 Sq Mts	Opening the Rolls, stretching and fixing chain link mesh to the pipes including tying with M.S. wire(of size 25 mts x 7 feet height)	05-15-015 FSR 2021-22 Kurnool Circle	287.22	10 Sq Mts	43083
8		Contingencies etc.,	LS			3608
Rate for 2021-22						930000
Add 10% extra rate for 2022-23						1023000
Add 10% extra rate for 2023-24						1125300
Add 10% extra rate for 2024-25						1237800

Cost of Chain link mesh per km is =12,37,800/1000 Rmt = Rs.1237.80/- (or) Rs.1238/-


Forest Range Officer,
Dhone Range


District Forest Officer
Kurnool


Line Estimate

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	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

P. S. Rao
Forest Range Officer,
Dhone

S. R. Rao
District Forest Officer,
Kurnool