SCHEME FOR FENCING, PROTECTION AND REGENERATION AND RAISING & MAINTENANCE OF ENRICHMENT PLANTATION IN LIEU OF SAFETY ZONE AREA OF 0.61 ha OF M/s SAINATH STONE CRUSHERS [Prop: SRI Y.BALATHIMMA REDDY], R/O BANAGANAPALLI (V) & (M), KURNOOL DISTRICT

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As per the clarification issued by MoEF&CC, GoI, FC Division, New Delhi vide F.no.11-125/2014-FC, 4th July, 2014, the Safety Zone area scheme has been prepared in the proposed diversion of 2.90 ha of forest land in Compt.no.313, GA Bad South RF, GA Bad Beat, Banaganapalli Section of Dhone Range in favour of M/s Sainath Stone Crushers [prop: Sri Y.Balathimma Reddy], R/o Banaganapalle (V) & (M), Kurnool District.

The Scheme proposals for fencing, protection & regeneration in the safety zone area raising and maintenance of Enrichment Plantation in lieu of the safety zone area, in degraded forest land is furnished herewith.

The plantation on the SZA is proposed for raising in 2 rows with 3x3 espacement by following avenue plantation models including providing sufficient watering provision to plants.

For Raising of enrichment plantation over one and half time of Safety Zone Area in lieu of Safety Zone area of 0.61 ha, the Forest Range Officer, Dhone Range had identified the degraded forest land over an extent of 0.915 ha in GA Bad South RF, GA Bad Beat, Banaganapalli Section of Dhone Range.

The following is the financial cost for Fencing, Protection and Regeneration in the Safety Zone area and for Raising & maintenance of Enrichment plantation in lieu of the Safety Zone area Scheme proposals is as follows.

I	**Safety Zone Area Plantation- 0.61 Ha**	**Amount in lakhs**
i	Fencing outer periphery of Safety Zone Area	Rs.8.294 lakhs
ii	Raising & Maintenance of nursery	Rs.0.140 lakhs
iii	Raising & maintenance of Plantation	Rs.5.739 lakhs
iv	Over heads	Rs.0.574 lakhs
	Total	**Rs.14.746 lakhs**
II	**Raising & Maintenance of One and halftimes of the SZA area (Enrichment Plantation)- 0.915 Ha**	
i	Raising & Maintenance of nursery	Rs.0.434 lakhs
ii	Raising & maintenance of Plantation	Rs.5.384 lakhs
iii	SMC works	Rs.0.808 lakhs
iv	Monitoring & Evaluation	Rs.0.269 lakhs
v	Overheads	Rs.0.538 lakhs
	Total	**Rs.7.433 lakhs**

Countersigned

District Forest Officer
Kurnool

Forest Range Officer,
Dhone Range

FENCING, PROTECTION & REGENERATION OF THE SAFETY ZONE AREA OUTERPHERIPHERY OF THE MINING AREA IN COMPT.NO.313, GA SOUTH RF, GA BAD BEAT, BANAGANAPALLI SECTION OF DHONE RANGE IN LIEU OF DIVERSION OF 2.90 HA [MINING AREA-2.27 HA; SAFETY ZONE AREA-0.61 HA & ROAD AREA-0.02 HA] OF FOREST LAND IN COMPARTMENT NO.313 OF GA BAD SOUTH RF, OF DHONE RANGE OF KURNOOL DIVISION FOR GRANT OF QUARRY LEASE FOR ROAD METAL IN FAVOUR OF M/S SAINATH STONE CRUSHERS [Sri Y.BALATHIMMA REDDY], R/O BANAGANAPALLI

ABSTRACT CUM YEAR WISE ACTION PLAN [FCA PROJECT: 2.90 ha DIVERSION]

Sl. no	Name of the work	Unit	Unit rate	2022-23		2023-24		2024-25		2025-26		2026-27		2027-28	
				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	**Fencing Safety Zone Area**														
	Fencing of Safety Zone Area of 0.61 ha (7.5 mt width all around the mining area:855 mts x1.5 mt =1282.5 (or) 1283 sqmts	Rmt	0.00970			855	8.294								
			Total		**0.000**										
II	**Nursery Raising and Maintenance**														
a	Raising of 8"x12" nursery	1000 Nos	0.140	600	0.084										
b	Maintenance of seedlings upto July	1000 Nos	0.062			600	0.037								
c	Maint. of left over seedlings beyond July	1000 Nos	0.021			360	0.008								
d	Maintenance of seedlings upto July	1000 Nos	0.012					360	0.004						
e	Maint. of left over seedlings beyond July	1000 Nos	0.023					295	0.007						
f	Maintenance of seedlings upto July	1000 Nos	0.013							295	0.0038				
	Total Nursery cost				**0.084**		**0.045**		**0.011**		**0.000**		**0.000**		**0.000**
III	**Raising of Plantation in 2 rows Plantation by Avenue planation model in Safety Zone Area [0.61 ha - Periphery of the SZA is 854.76 Rmt- 0.855 km]**														
a	Advance Operations of Safety Zone Area [0.61 ha (or) 855 Rmt]	km	0.843	0.61	0.514										
b	Raising of plantation of Safety Zone Area [0.61 ha (or) 855 Rmt]	km	3.152			0.61	1.923								
c	1st year maintenance of Safety Zone Area [0.61 ha (or) 855 Rmt]	km	4.314					0.61	2.632						
d	2nd year maintenance of Safety Zone Area [0.61 ha (or) 855 Rmt]	km	0.859							0.61	0.524				
e	3rd year maintenance of Safety Zone Area [0.61 ha (or) 855 Rmt]	km	0.021									0.61	0.013		
f	4th year maintenance of Safety Zone Area [0.61 ha (or) 855 Rmt]	km	0.023											0.61	0.014
g	5th year maintenance of Safety Zone Area [0.61 ha (or) 855 Rmt]	km	0.025												
h	6th year maintenance of Safety Zone Area [0.61 ha (or) 855 Rmt]	km	0.028												
i	7th year maintenance of Safety Zone Area [0.61 ha (or) 855 Rmt]	km	0.031												
j	8th year maintenance of Safety Zone Area [0.61 ha (or) 855 Rmt]	km	0.034												
k	9th year maintenance of Safety Zone Area [0.61 ha (or) 855 Rmt]	km	0.037												
l	10th year maintenance of Safety Zone Area [0.61 ha (or) 855 Rmt]	km	0.041												
	Total Plantation cost				**0.514**		**1.923**		**2.632**		**0.524**		**0.013**		**0.014**
IV	Overheads (10% on the plantation cost) (Repairs and replacement of Govt. buildings/ Main. Of Computers and Govt. vehicles /Office support like wages TAs/Wages to Computer Operator and other misc. expenses)	LS	LS		0.051		0.192		0.263		0.052		0.001		0.001
	Grand Total				**0.650**		**2.160**		**2.906**		**0.576**		**0.014**		**0.015**

Countersigned

District Forest Officer
Kurnool

Forest Range Officer,
Dhone Range

Sl. no	Name of the work	Unit	Unit rate	2028-29		2029-30		2030-31		2031-32		2032-33		2033-34		Total	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	2	3	3	17	18	19	20	21	22	23	24	25	26	27	28	29	30
I	**Fencing Safety Zone Area**																
	Fencing of Safety Zone Area of 0.61 ha (7.5 mt width all around the mining area:855 mts x1.5 mt =1282.5 (or) 1283 sqmts	Rmt	0.00970													855	8.294
			Total														**8.294**
II	**Nursery Raising and Maintenance**																
a	Raising of 8"x12" nursery	1000 Nos	0.140													600	0.084
b	Maintenance of seedlings upto July	1000 Nos	0.062													600	0.037
c	Maint. of left over seedlings beyond July	1000 Nos	0.021													360	0.008
d	Maintenance of seedlings upto July	1000 Nos	0.012													360	0.004
e	Maint. of left over seedlings beyond July	1000 Nos	0.023													295	0.007
			0.013														
	Total Nursery cost				**0.000**		**0.000**		**0.000**		**0.000**		**0.000**		**0.000**		**0.140**
III	**Raising of Plantation in 2 rows Plantation by Avenue planation model in Safety Zone Area [0.61 ha - Periphery of the SZA is 854.76 Rmt- 0.855 km]**																
a	Advance Operations of Safety Zone Area [0.61 ha (or) 855 Rmt]	km	0.843													0.61	0.514
b	Raising of plantation of Safety Zone Area [0.61 ha (or) 855 Rmt]	km	3.152													0.61	1.923
c	1st year maintenance of Safety Zone Area [0.61 ha (or) 855 Rmt]	km	4.314													0.61	2.632
d	2nd year maintenance of Safety Zone Area [0.61 ha (or) 855 Rmt]	km	0.859													0.61	0.524
e	3rd year maintenance of Safety Zone Area [0.61 ha (or) 855 Rmt]	km	0.021													0.61	0.013
f	4th year maintenance of Safety Zone Area [0.61 ha (or) 855 Rmt]	km	0.023													0.61	0.014
g	5th year maintenance of Safety Zone Area [0.61 ha (or) 855 Rmt]	km	0.025	0.61	0.015											0.61	0.015
h	6th year maintenance of Safety Zone Area [0.61 ha (or) 855 Rmt]	km	0.028			0.61	0.017									0.61	0.017
i	7th year maintenance of Safety Zone Area [0.61 ha (or) 855 Rmt]	km	0.031					0.61	0.019							0.61	0.019
j	8th year maintenance of Safety Zone Area [0.61 ha (or) 855 Rmt]	km	0.034							0.61	0.021					0.61	0.021
k	9th year maintenance of Safety Zone Area [0.61 ha (or) 855 Rmt]	km	0.037									0.61	0.023			0.61	0.023
l	10th year maintenance of Safety Zone Area [0.61 ha (or) 855 Rmt]	km	0.041											0.61	0.025	0.61	0.025
	Total Plantation cost				**0.015**		**0.017**		**0.019**		**0.021**		**0.023**		**0.025**		**5.739**
IV	Overheads (10% on the plantation cost) (Repairs and replacement of Govt. buildings/ Main. Of Computers and Govt. vehicles /Office support like wages TAs/Wages to Computer Operator and other misc. expenses)	LS	LS		0.002		0.002		0.002		0.002		0.002		0.003	LS	0.574
	Grand Total				**0.017**		**0.019**		**0.021**		**0.023**		**0.025**		**0.028**		**14.746**

Countersigned

District Forest Officer
Kurnool

Forest Range Officer,
Dhone Range

DATA FOR ERECTION OF CHAINLINK FENCING AROUND THE SAFETY ZONE AREA OVER A LENGTH OF 855 RMT @ 5 METER APART IN LIEU OF PROPOSALS FOR DIVERSION OF 2.90 HA [MINING AREA-2.27 HA; SAFETY ZONE AREA-0.61 HA & ROAD AREA-0.02 HA] OF FOREST LAND FALLING IN COMPARTMENT NO.313 OF GULAMALIABAD SOUTH RF, GULAMALIABAD BEAT, DHONE RANGE OF KURNOOL DIVISION FOR GRANT OF QUARRY LEASE FOR ROAD METAL

IN FAVOUR OF M/S. SAINATH STONE CRUSHERS (PROP: SRI Y.BALATHIMMA REDDY)

S.No	Qty	Description of work	FSR/SSR Item	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1283 Sq Mts	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979 - PVC Coated - 4"x4" (102 mm x 102 mm) - 8 Gauge	152 P.24, Item Code:BMT-F.27 CSSR 2020-21	286	1 Sqm	320892
		Add GST @ 12%				38507
2	171 Nos/ 1754 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	128919
3	1283 Sq Mts	Transport of Chain link mesh to the site	LS			10000
4	1283 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.	2725
5	171 Nos	Digging of 45 cm. cube pits in hard gravelly soils	02-03-025 FSR 2021-22 Kurnool Circle	24.46	Each	3693
6	14 cum	Filling with CC(1:5:10) with 40mm metal	CSSR	2571.5	Cum	36000
7	855 Rmt	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 Rmt	33605
8		Contingencies (10% on total cost)	LS			57434
					Rate for 2021-22	**631775**
					Add 10% extra rate for 2022-23	**694953**
					Add 10% extra rate for 2023-24	**764448**

Cost of Chain link mesh per Rmt is =7,64,448/855 **Rmt = Rs.894/-**

Countersigned

District Forest Officer
Kurnool

Forest Range Officer,
Dhone Range

DATA FOR RAISING OF NURSERY IN 8"X12" PPs SEEDLINGS

Unit - 1000 Nos.

Sl. No.	Qty	Description of Work	FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1500 Nos.	Cost Naked seedlings	--	1.00	each	1500.00
2	11.63 Kgs	Cost of Polythene bags (8x12 size)	Tender Rate	129.71	Per Kg/ MT	1509.00
3	1.375 Beds	Site prepation for new site-Clearing of growth, weeds, grass etc.	01-03-001	65.33	Bed	90.00
4	1100 Nos.	Cost and transport of ingradients for potting mixture Red Soil and Clavey soil in 2:1 ratio	01-03-006	1203.62	1000 Nos.	1324.00
5	LS	Cost of chemicals, insecticides, pesticides etc.	01-03-019	600.00	LS	600.00
	1100 Nos.	Prepation of potting mixture Red Soil and Clavey soil in 2:1 ratio by powdering of various ingradients, sieving and mixing them in the prescribed proportion, Opening the bags and filling with potting mixture and gently pressing the same with finger tips and arranging in beds	01-03-011	3490.29	1000 Nos.	3839.00
6	1100 Nos.	Picking out seedlings form primary beds and transplanting in bags.	01-03-014	173.68	1000 Nos.	191.00
7	1000 Nos.	Watering the bag plants departmental nursery 4 months (December-March)	01-03-016	321.05	800 Nos./ Month	1605.00
8	1000 Nos.	Weeding the bag plants 3 times	01-03-017	61.89	800 Nos./ weeding	232.00
9	1000 Nos.	Shifting & grading and re-arranging the container 2 times	01-03-018	283.73	800 Nos./ shifting	709.00
10	LS	Contingencies such as species board, Name board and cost of rose can and hoes pipes and transport of polythene bags to Nursery site and watch and ward, maintenance of eletric motor and etc.			LS	1160.00
					Rate for 2021-22	**12759.00**
					Add 10% extra rate for 2022-23	**14000.00**
					Add 10% extra rate for 2023-24	**15400.00**

Countersigned

District Forest Officer
Kurnool

Forest Range Officer,
Dhone Range

DATA FOR MAINTENANCE OF 1000 Nos (8"X12") PPs UPTO JULY [2023-24]

Sl. No.	Qty	Description of Work	FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1000 Nos./ 4 Months	Watring the bag plants (8"x12") 4 Months (April to July)	01-03-020	321.05	800 Nos./ months	1605.00
2	1000 Nos/ 4 Times	Weeding in the bag plants 4 Times	01-03-021	61.89	800 Nos./ month	309.00
3	1000 Nos.	Shifting and grading and re-arranging the containers 2 times	01-03-022	283.73	800 Nos./ time	709.00
4	LS	Cost of fertilizers, Pessticides, Pipeline reapirs etc.			1000 Nos.	2000.00
5	LS	Contingencies				462.00
					Rate for 2021-22	**5085.00**
					Add 10% extra rate for 2022-23	**5600.00**
					Add 10% extra rate for 2023-24	**6200.00**
					Add 10% extra rate for 2024-25	**6800.00**

DATA FOR MAINTENANCE OF 1000 Nos (8"X12") PPs BEYOND JULY [2023-24]

Sl. No.	Qty	Description of Work	FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1000 Nos./ 8 Months	Watring, weeding and Shifting and grading and re-arranging in beds the bag plants (8"x12") 8 Months (August to March)	01-03-025	160.53	800 Nos./ months	1605.00
2	LS	Contingencies				160.50
					Rate for 2021-22	**1765.50**
					Add 10% extra rate for 2022-23	**1900.00**
					Add 10% extra rate for 2023-24	**2100.00**
					Add 10% extra rate for 2024-25	**2300.00**

DATA FOR MAINTENANCE OF 1000 Nos (8"X12") PPs UPTO JULY [2024-25]

Sl. No.	Qty	Description of Work	FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1000 Nos./ 4 Months	Watring, weeding and Shifting and grading and re-arranging in beds the bag plants (8"x12") 4 Months (April to July)	01-03-025	160.53	800 Nos./ months	803.00
2	LS	Contingencies				80.30
					Rate for 2021-22	**883.30**
					Add 10% extra rate for 2022-23	**1000.00**
					Add 10% extra rate for 2023-24	**1100.00**
					Add 10% extra rate for 2024-25	**1200.00**
					Add 10% extra rate for 2025-26	**1300.00**

Countersigned

District Forest Officer
Kurnool

Forest Range Officer,
Dhone Range

DATA FOR MAINTENANCE OF 1000 Nos (8"X12") PPs BEYOND JULY [2024-25]

Sl. No.	Qty	Description of Work	FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1000 Nos./ 8 Months	Watring, weeding and Shifting and grading and re-arranging in beds the bag plants (8"x12") 8 Months (August to March)	01-03-025	160.53	800 Nos./ months	1605.00
2	LS	Contingencies				160.50
					Rate for 2021-22	1765.50
					Add 10% extra rate for 2022-23	1900.00
					Add 10% extra rate for 2023-24	2100.00
					Add 10% extra rate for 2024-25	2300.00
					Add 10% extra rate for 2025-26	2500.00

DATA FOR MAINTENANCE OF 1000 Nos (8"X12") PPs UPTO JULY [2025-26]

Sl. No.	Qty	Description of Work	FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1000 Nos./ 4 Months	Watring, weeding and Shifting and grading and re-arranging in beds the bag plants (8"x12") 4 Months (April to July)	01-03-025	160.53	800 Nos./ months	803.00
2	LS	Contingencies				80.30
					Rate for 2021-22	883.30
					Add 10% extra rate for 2022-23	1000.00
					Add 10% extra rate for 2023-24	1100.00
					Add 10% extra rate for 2024-25	1200.00
					Add 10% extra rate for 2025-26	1300.00
					Add 10% extra rate for 2026-27	1400.00

DATA FOR MAINTENANCE OF 1000 Nos (8"X12") PPs BEYOND JULY [2025-26]

Sl. No.	Qty	Description of Work	FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1000 Nos./ 8 Months	Watring, weeding and Shifting and grading and re-arranging in beds the bag plants (8"x12") 8 Months (August to March)	01-03-025	160.53	800 Nos./ months	1605.00
2	LS	Contingencies				160.50
					Rate for 2021-22	1765.50
					Add 10% extra rate for 2022-23	1900.00
					Add 10% extra rate for 2023-24	2100.00
					Add 10% extra rate for 2024-25	2300.00
					Add 10% extra rate for 2025-26	2500.00
					Add 10% extra rate for 2026-27	2800.00

Countersigned

District Forest Officer
Kurnool

Forest Range Officer,
Dhone Range

DATA SHEET FOR ADVANCE OPERATIONS FOR RAISING OF 1 Km AVENUE PLANTATION

1st row : 3 mt x 3 mt - 200 Nos =333 plants per km
2nd row : 3 mt x 3 mt - 200 Nos =333 plants per km
Total =666 plants per km

Quantity	Item of work	FSR item No	Rate	Per	Amount
1	2	3	4	5	6
666 Nos	Alignment and staking including laying base line	02-14-001	130.94	100 Nos	872.00
666 Nos	Excavating of 0.6 mt pits (in case of 1.5 mt tall plants) (ii) in Hard gravelly soils (MANUAL)	02-14-003/ RSSR (7a)	103.36	Pit	68837.34
	Contingencies				6971.00
			Rate for 2021-22		**76680**
		Add 10% extra rate for 2022-23			**84300**
		Add 10% extra rate for 2023-24			**92700**

Countersigned

District Forest Officer
Kurnool

Forest Range Officer,
Dhone Range

DATA SHEET FOR RAISING OF 1 Km AVENUE PLANTATION

1st row : 3 mt x 3 mt - 200 Nos =333 plants per km
2nd row : 3 mt x 3 mt - 200 Nos =333 plants per km
Total =666 plants per km

Quantity	Item of work	FSR item No	Rate	Per	Amount
1	2	3	4	5	6
	Transport of poly pots				
666 Nos	Transport of poly pots including loading and unloading upto 10 Kms. (for all type of plantations)	02-14-013	537.58	100 Nos.	
666 Nos	Transportation of polypots including loading and unloading Beyond 10 Kms. add for extra Km (5 km)	02-14-015	488.20	100 Nos.	
666 Nos			1025.78		10257.80
666 Nos	Internal transport of plants to the planting points (for all plantations) 12"x18" or 14"x20"	02-14-018	290.30	100 Nos	1933.40
66 kgs	Cost of 100 grams DAP / Superphosphate per plant to be applied in 2 doses (Actuals)	02-14-019	25.00	kg	1650.00
666 Nos	Planting of avenue plants after refilling the pit Giving 2 cuts on the bottom of the poly bag and 4 cuts on the side of the bag, planting with the poly bag, fixing the plant by refilling with dug out top soil, Farm Yard Manure, Tank silt and ramming around the plant, leaving 15 cms unfilled at the top (i) in 0.60mt cube pits	02-14-022	600.28	100 Nos	3997.86
666 Nos	Fixing of supporting stakes to the seedlings	02-17-009	467.21	1000 No.s	311.16
666 Nos / 35 waterings	Watering the Avenue plants of 1.5 meter height raised in 60 cm cube pits or above size with 15 liters of water per watering	02-14-033, 02-14-035 to 02-14-038	853.43	100 / watering	198934.53
666 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 in hard gravelly soils (50% more than ordinary soils)	02-14-045	771.18	100 Nos	5136.06
	Replacement of casualties (15%)	02-14-051			
100 Nos	Reopening of Pits of size 0.60 mt raising 50% of the original rate	02-03-036	51.68	1 No	5167.97
100 Nos	Transport of poly pots including loading and unloading upto 10 Kms. (for all type of plantations)	02-14-013	537.58		
100 Nos	Transportation of polypots including loading and unloading Beyond 10 Kms. add for extra Km (5 km)	02-14-015	488.20		
100 Nos			1025.78	100 Nos	1025.78
100 Nos	Internal transport of plants to the planting points (for all plantations) 12"x18"	02-14-018	290.30	100 Nos	290.30
100 Nos	Planting of avenue plants after refilling the pit Giving 2 cuts on the bottom of the poly bag and 4 cuts on the side of the bag, planting with the poly bag, fixing the plant by refilling with dug out top soil, Farm Yard Manure, Tank silt and ramming around the plant, leaving 15 cms unfilled at the top (i) in 0.60mt cube pits	02-14-022	600.28	100 Nos	600.28
1 No.s	Providing iron Plantation boards including fixing, painting, and letter writing, etc. - As per actulas		7500.00	Each	7500.00
	Contingencies such as providing Plantation boards, Plantation journals & other unforeseen expenditure	L.S			23681.00
				Rate for 2021-22	**260486**
				Add 10% extra rate for 2022-23	**286500**
				Add 10% extra rate for 2023-24	**315200**
				Add 10% extra rate for 2024-25	**346700**

Countersigned

District Forest Officer
Kurnool

Forest Range Officer,
Dhone Range

DATA SHEET FOR 1ST YEAR MAITENANCE OF 1 Km AVENUE PLANTATION

1st row : 3 mt x 3 mt - 200 Nos =333 plants per km
2nd row : 3 mt x 3 mt - 200 Nos =333 plants per km
Total =666 plants per km

Quantity	Item of work	FSR item No	Rate	Per	Amount
1	2	3	4	5	6
66 kgs	Cost of 100 grams of DAP each dose in two doses per plant	02-15-001	25	Kg	1650.00
	Cost of chemical fertilizers (As per raising year)	02-15-003	25	Kg	1650.00
666Nos / 36 waterings	Watering the Avenue plants of 1.5 meter height raised in 60 cm cube pits or above size with 15 liters of water per watering	02-15-005 02-14-035, 02-14-036 02-14-037 02-14-038	853.43	100 / watering	204618.38
666 No.s	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 in hard gravelly soils (50% more than ordinary soils)	02-15-007	771.18	100 Nos	5136.06
	Replacement of casualties not exceeding 10%	02-15-009			
666 No.s	Reopening of 0.6x0.6x0.6mts pits/ 0.75x0.75x0.75 mts pits	02-15-010/ RSSR (7a)	103.36	Pit	68837.34
666 No.s	Transport of poly pots including loading and unloading upto 10 Kms. (for all type of plantations)	02-14-013	537.58		
666 No.s	Transportation of polypots including loading and unloading Beyond 10 Kms. add for extra Km (5 km)	02-14-015	488.20		
666 No.s			1025.78	100 Nos	6831.69
666 No.s	Internal transport of plants to the planting points (for all plantations) 12"x18"	02-14-018	290.30	100 Nos	1933.40
666 No.s	Planting of avenue plants after refilling the pit Giving 2 cuts on the bottom of the poly bag and 4 cuts on the side of the bag, planting with the poly bag, fixing the plant by refilling with dug out top soil, Farm Yard Manure, Tank silt and ramming around the plant, leaving 15 cms unfilled at the top (i) in 0.75mt cube pits	02-14-022	600.28	100 Nos	3997.86
	Contingencies such as providing Plantation boards, Plantation journals & other unforeseen expenditure	L.S			29465.00
				Rate for 2021-22	**324126**
				Add 10% extra rate for 2022-23	**356500**
				Add 10% extra rate for 2023-24	**392200**
				Add 10% extra rate for 2024-25	**431400**
				Add 10% extra rate for 2025-26	**474500**

Countersigned

District Forest Officer
Kurnool

Forest Range Officer,
Dhone Range

DATA SHEET FOR 2nd YEAR MAITENANCE OF 1 Km AVENUE PLANTATION

1st row : 3 mt x 3 mt - 200 Nos =333 plants per km
2nd row : 3 mt x 3 mt - 200 Nos =333 plants per km
Total =666 plants per km

Quantity	Item of work	FSR item No	Rate	Per	Amount
1	2	3	4	5	6
66 kg	Cost of Urea 100 grams per plant	02-16-001	25	Per Kg	1650.00
666 nos / 9 waterings	Watering the plants at 15 liters of water per plant per time for 3 months from April - June, once in 10 days – 9 waterings, (in case of 0.06 Mt., cube pits or 0.60 Mt., cube pits)	02-16-004 02-14-034	853.43	100 / watering	51154.59
600 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 in hard gravelly soils (50% more than ordinary soils)	02-16-006	771.18	100 Nos	462.71
	Contingencies such as providing Plantation boards, Plantation journals & other unforeseen expenditure	L.S			5327.00
			Rate for 2021-22		**58594**
		Add 10% extra rate for 2022-23			**64500**
		Add 10% extra rate for 2023-24			**71000**
		Add 10% extra rate for 2024-25			**78100**
		Add 10% extra rate for 2025-26			**85900**
		Add 10% extra rate for 2026-27			**94500**

Countersigned

District Forest Officer
Kurnool

Forest Range Officer,
Dhone Range

DATA SHEET FOR 3rd YEAR MAITENANCE TO 10TH YEAR MAINTENANCE OF 1 Km AVENUE PLANTATION

1st row : 3 mt x 3 mt - 200 Nos =333 plants per km
2nd row : 3 mt x 3 mt - 200 Nos =333 plants per km
Total =666 plants per km

Quantity	Item of work	FSR item No	Rate	Per	Amount
1	2	3	4	5	6
666 Nos	Mulching around the plants by removing the grass/ weeds from surrounding area or local grass at 2 kgs/plant and mixing with soil and putting around the plant(with prior permission of the Circle Head).	02-17-002	176.47	100 Nos	1175
	Contingencies such as providing Plantation boards, Plantation journals & other unforeseen expenditure	L.S			118
			Rate for 2021-22		**1299**
		Add 10% extra rate for 2022-23			**1400**
		Add 10% extra rate for 2023-24			**1500**
		Add 10% extra rate for 2024-25			**1700**
		Add 10% extra rate for 2025-26			**1900**
		Add 10% extra rate for 2026-27			**2100**
		Add 10% extra rate for 2027-28			**2300**
		Add 10% extra rate for 2028-29			**2500**
		Add 10% extra rate for 2029-30			**2800**
		Add 10% extra rate for 2030-31			**3100**
		Add 10% extra rate for 2031-32			**3400**
		Add 10% extra rate for 2032-33			**3700**
		Add 10% extra rate for 2033-34			**4100**
		Add 10% extra rate for 2034-35			**4500**

Countersigned

District Forest Officer
Kurnool

Forest Range Officer,
Dhone Range

AFFORESTATOIN OF ONE AND HALF TIMES OF THE SAFETY ZONE AREA (ENRICHMENT PLANTAITON) IN DEGRADED FOREST LAND IN LIEU OF FOR DIVERSION OF 2.90 HA [MINING AREA-2.27 HA; SAFETY ZONE AREA-0.61 HA & ROAD AREA-0.02 HA] OF FOREST LAND FALLING IN COMPARTMENT NO.313 OF GULAMALIABAD SOUTH RF, GULAMALIABAD BEAT, DHONE RANGE OF KURNOOL DIVISION FOR GRANT OF QUARRY LEASE FOR ROAD METAL IN FAVOUR OF M/S. SAINATH STONE CRUSHERS (PROP: SRI Y.BALATHIMMA REDDY)

ABSTRACT CUM YEAR WISE ACTION PLAN [FCA PROJECT: 2.90 ha DIVERSION]

Sl. no	Name of the work	Unit	Unit rate	2022-23		2023-24		2024-25		2025-26		2026-27		2027-28	
				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	0.140	1900	0.266										
b	Maintenance of seedlings upto July	1000 Nos	0.062			1900	0.118								
c	Maint. of left over seedlings beyond July	1000 Nos	0.021			866	0.018								
d	Maintenance of seedlings upto July	1000 Nos	0.012					866	0.010						
e	Maint. of left over seedlings beyond July	1000 Nos	0.023					608	0.014						
f	Maintenance of seedlings upto July	1000 Nos	0.013							608	0.008				
	Total Nursery cost				**0.266**		**0.136**		**0.024**		**0.008**		**0.000**		**0.000**
II	**Afforestation in lieu of Safety Zone Area (Enrichment Plantation) over 0.61 ha (one and half times =0.915 ha) by Semi Mechanical Method in degraded forest area**														
a	Advance Operations of Enrichment Plantation	Ha	0.556	0.915	0.509										
b	Raising of plantation of Enrichment Plantation	Ha	1.010			0.915	0.924								
c	1st year maintenance of Enrichment Plantation	Ha	0.449					0.915	0.411						
d	2nd year maintenance of Enrichment Plantation	Ha	0.492							0.915	0.450				
e	3rd year maintenance of Enrichment Plantation	Ha	0.360									0.915	0.329		
f	4th year maintenance of Enrichment Plantation	Ha	0.396											0.915	0.362
g	5th year maintenance of Enrichment Plantation	Ha	0.340												
h	6th year maintenance of Enrichment Plantation	Ha	0.374												
i	7th year maintenance of Enrichment Plantation	Ha	0.411												
j	8th year maintenance of Enrichment Plantation	Ha	0.452												
k	9th year maintenance of Enrichment Plantation	Ha	0.497												
l	10th year maintenance of Enrichment Plantation	Ha	0.547												
	Total Plantation cost				**0.509**		**0.924**		**0.411**		**0.450**		**0.329**		**0.362**
III	SMC works (15% on the Plantation cost)				0.076		0.139		0.062		0.068		0.049		0.054
IV	Monitoring & Evaluation (5% on the plantation cost)				0.025		0.046		0.021		0.023		0.016		0.018
V	Overheads (10% on the plantation cost) (Repairs and replacement of Govt. buildings/ Main. Of Computers and Govt. vehicles /Office support like wages TAs/Wages to Computer Operator and other misc. expenses)	LS	LS		0.051		0.092		0.041		0.045		0.033		0.036
	Grand Total				**0.927**		**1.337**		**0.558**		**0.593**		**0.428**		**0.471**

Countersigned

District Forest Officer
Kurnool

Forest Range Officer,
Dhone Range

Sl. no	Name of the work	Unit	Unit rate	2028-29		2029-30		2030-31		2031-32		2032-33		2033-34		Total	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	2	3	4	17	18	19	20	21	22	23	24	25	26	27	28	29	30
I	**Nursery Raising and Maintenance**																
a	Raising of 8"x12" nursery	1000 Nos	0.14													1900	0.266
b	Maintenance of seedlings upto July	1000 Nos	0.062													1900	0.118
c	Maint. of left over seedlings beyond July	1000 Nos	0.021													866	0.018
d	Maintenance of seedlings upto July	1000 Nos	0.012													866	0.010
e	Maint. of left over seedlings beyond July	1000 Nos	0.023													608	0.014
f	Maintenance of seedlings upto July	1000 Nos	0.013													608	0.008
	Total Nursery cost				**0.000**		**0.000**		**0.000**		**0.000**		**0.000**		**0.000**		**0.434**
II	**Afforestation in lieu of Safety Zone Area (Enrichment Plantation) over 0.52 ha (one and half times =0.78 ha) by Semi Mechanical Method in degraded forest area**																
a	Advance Operations of Enrichment Plantation	Ha	0.556													0.92	0.509
b	Raising of plantation of Enrichment Plantation	Ha	1.010													0.92	0.924
c	1st year maintenance of Enrichment Plantation	Ha	0.449													0.92	0.411
d	2nd year maintenance of Enrichment Plantation	Ha	0.492													0.92	0.450
e	3rd year maintenance of Enrichment Plantation	Ha	0.360													0.92	0.329
f	4th year maintenance of Enrichment Plantation	Ha	0.396													0.92	0.362
g	5th year maintenance of Enrichment Plantation	Ha	0.340	0.915	0.311											0.92	0.311
h	6th year maintenance of Enrichment Plantation	Ha	0.374			0.915	0.342									0.92	0.342
i	7th year maintenance of Enrichment Plantation	Ha	0.411					0.915	0.376							0.92	0.376
j	8th year maintenance of Enrichment Plantation	Ha	0.452							0.915	0.414					0.92	0.414
k	9th year maintenance of Enrichment Plantation	Ha	0.497									0.915	0.455			0.92	0.455
l	10th year maintenance of Enrichment Plantation	Ha	0.547											0.915	0.501	0.92	0.501
	Total Plantation cost				**0.311**		**0.342**		**0.376**		**0.414**		**0.455**		**0.501**		**5.384**
III	SMC works (15% on the Plantation cost)				0.047		0.051		0.056		0.062		0.068		0.075	LS	0.808
IV	Monitoring & Evaluation (5% on the plantation cost)				0.016		0.017		0.019		0.021		0.023		0.025	LS	0.269
V	Overheads (10% on the plantation cost) (Repairs and replacement of Govt. buildings/ Main. Of Computers and Govt. vehicles /Office support like wages TAs/Wages to Computer Operator and other misc. expenses)	LS	LS		0.031		0.034		0.038		0.041		0.045		0.050	LS	0.538
	Grand Total				**0.404**		**0.445**		**0.489**		**0.538**		**0.591**		**0.651**		**7.433**

Countersigned

District Forest Officer
Kurnool

Forest Range Officer,
Dhone Range

DATA FOR RAISING OF NURSERY IN 8"X12" PPs SEEDLINGS

Unit - 1000 Nos.

Sl. No.	Qty	Description of Work	FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1500 Nos.	Cost Naked seedlings	--	1.00	each	1500.00
2	11.63 Kgs	Cost of Polythene bags (8x12 size)	Tender Rate	129.71	Per Kg/ MT	1509.00
3	1.375 Beds	Site prepation for new site-Clearing of growth, weeds, grass etc.	01-03-001	65.33	Bed	90.00
4	1100 Nos.	Cost and transport of ingradients for potting mixture Red Soil and Clavey soil in 2:1 ratio	01-03-006	1203.62	1000 Nos.	1324.00
5	LS	Cost of chemicals, insecticides, pesticides etc.	01-03-019	600.00	LS	600.00
	1100 Nos.	Prepation of potting mixture Red Soil and Clavey soil in 2:1 ratio by powdering of various ingradients, sieving and mixing them in the prescribed proportion, Opening the bags and filling with potting mixture and gently pressing the same with finger tips and arranging in beds	01-03-011	3490.29	1000 Nos.	3839.00
6	1100 Nos.	Picking out seedlings form primary beds and transplanting in bags.	01-03-014	173.68	1000 Nos.	191.00
7	1000 Nos.	Watering the bag plants departmental nursery 4 months (December-March)	01-03-016	321.05	800 Nos./ Month	1605.00
8	1000 Nos.	Weeding the bag plants 3 times	01-03-017	61.89	800 Nos./ weeding	232.00
9	1000 Nos.	Shifting & grading and re-arranging the container 2 times	01-03-018	283.73	800 Nos./ shifting	709.00
10	LS	Contingencies such as species board, Name board and cost of rose can and hoes pipes and transport of polythene bags to Nursery site and watch and ward, maintenance of eletric motor and etc.			LS	1160.00
					Rate for 2021-22	**12759.00**
					Add 10% extra rate for 2022-23	**14000.00**
					Add 10% extra rate for 2023-24	**15400.00**

Countersigned

District Forest Officer
Kurnool

Forest Range Officer,
Dhone Range

DATA FOR MAINTENANCE OF 1000 Nos (8"X12") PPs UPTO JULY [2023-24]

Sl. No.	Qty	Description of Work	FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1000 Nos./ 4 Months	Watring the bag plants (8"x12") 4 Months (April to July)	01-03-020	321.05	800 Nos./ months	1605.00
2	1000 Nos/ 4 Times	Weeding in the bag plants 4 Times	01-03-021	61.89	800 Nos./ month	309.00
3	1000 Nos.	Shifting and grading and re-arranging the containers 2 times	01-03-022	283.73	800 Nos./ time	709.00
4	LS	Cost of fertilizers, Pessticides, Pipeline reapirs etc.			1000 Nos.	2000.00
5	LS	Contingencies				462.00
					Rate for 2021-22	**5085.00**
					Add 10% extra rate for 2022-23	**5600.00**
					Add 10% extra rate for 2023-24	**6200.00**
					Add 10% extra rate for 2024-25	**6800.00**

DATA FOR MAINTENANCE OF 1000 Nos (8"X12") PPs BEYOND JULY [2023-24]

Sl. No.	Qty	Description of Work	FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1000 Nos./ 8 Months	Watring, weeding and Shifting and grading and re-arranging in beds the bag plants (8"x12") 8 Months (August to March)	01-03-025	160.53	800 Nos./ months	1605.00
2	LS	Contingencies				160.50
					Rate for 2021-22	**1765.50**
					Add 10% extra rate for 2022-23	**1900.00**
					Add 10% extra rate for 2023-24	**2100.00**
					Add 10% extra rate for 2024-25	**2300.00**

DATA FOR MAINTENANCE OF 1000 Nos (8"X12") PPs UPTO JULY [2024-25]

Sl. No.	Qty	Description of Work	FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1000 Nos./ 4 Months	Watring, weeding and Shifting and grading and re-arranging in beds the bag plants (8"x12") 4 Months (April to July)	01-03-025	160.53	800 Nos./ months	803.00
2	LS	Contingencies				80.30
					Rate for 2021-22	**883.30**
					Add 10% extra rate for 2022-23	**1000.00**
					Add 10% extra rate for 2023-24	**1100.00**
					Add 10% extra rate for 2024-25	**1200.00**
					Add 10% extra rate for 2025-26	**1300.00**

Countersigned

District Forest Officer
Kurnool

Forest Range Officer,
Dhone Range

DATA FOR MAINTENANCE OF 1000 Nos (8"X12") PPs BEYOND JULY [2024-25]

Sl. No.	Qty	Description of Work	FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1000 Nos./ 8 Months	Watring, weeding and Shifting and grading and re-arranging in beds the bag plants (8"x12") 8 Months (August to March)	01-03-025	160.53	800 Nos./ months	1605.00
2	LS	Contingencies				160.50
					Rate for 2021-22	**1765.50**
					Add 10% extra rate for 2022-23	**1900.00**
					Add 10% extra rate for 2023-24	**2100.00**
					Add 10% extra rate for 2024-25	**2300.00**
					Add 10% extra rate for 2025-26	**2500.00**

DATA FOR MAINTENANCE OF 1000 Nos (8"X12") PPs UPTO JULY [2025-26]

Sl. No.	Qty	Description of Work	FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1000 Nos./ 4 Months	Watring, weeding and Shifting and grading and re-arranging in beds the bag plants (8"x12") 4 Months (April to July)	01-03-025	160.53	800 Nos./ months	803.00
2	LS	Contingencies				80.30
					Rate for 2021-22	**883.30**
					Add 10% extra rate for 2022-23	**1000.00**
					Add 10% extra rate for 2023-24	**1100.00**
					Add 10% extra rate for 2024-25	**1200.00**
					Add 10% extra rate for 2025-26	**1300.00**
					Add 10% extra rate for 2026-27	**1400.00**

DATA FOR MAINTENANCE OF 1000 Nos (8"X12") PPs BEYOND JULY [2025-26]

Sl. No.	Qty	Description of Work	FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1000 Nos./ 8 Months	Watring, weeding and Shifting and grading and re-arranging in beds the bag plants (8"x12") 8 Months (August to March)	01-03-025	160.53	800 Nos./ months	1605.00
2	LS	Contingencies				160.50
					Rate for 2021-22	**1765.50**
					Add 10% extra rate for 2022-23	**1900.00**
					Add 10% extra rate for 2023-24	**2100.00**
					Add 10% extra rate for 2024-25	**2300.00**
					Add 10% extra rate for 2025-26	**2500.00**
					Add 10% extra rate for 2026-27	**2800.00**

Countersigned

District Forest Officer
Kurnool

Forest Range Officer,
Dhone Range

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

Sl. No.	Qty	Desription 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) for 20Ha	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 allover 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)**	02-02-020	6603.07	Ha	6603.07
		Hard /Gravelly Soils (50% extra on ordinary soil rate)				
6		Contingencies				4596.00
				Rate for 2021-22		**50556.00**
				Add 10% extra rate for 2022-23		**55600.00**

Countersigned

District Forest Officer
Kurnool

Forest Range Officer,
Dhone Range

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

Sl. No.	Qty	Desription 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 Cm3 pits in ploughed area	02-03-025	24.46	each	27175.06
3	1111 Nos.	Transport of 8"x12" PP seedlings by 50 Kms lead -	02-03-010 & 02-03-015	595.79	100 Nos.	6619.23
4	1111 Nos.	Internal transport of 8"x12"	02-03-020	166.89	100 Nos	1854.15
5	1111 Nos.	Planting seedlings in 45 Cm3 pits	02-03-034	514.12	100 Nos	5711.87
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	3.00	As per actuals	3333.00
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.	512.9
8	1111 Nos.	Circular weeding cum soil working to a radious of 50 Cms around the plant in HG soils (2 times)	02-03-039	771.18	100 Nos	8567.8
9	1 Ha.	Interploughing to 30 Cms depth with HD tractor to 45 HP (2 times)	02-03-046	6603.07	1 Ha	6603.07
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 Casualities - 20%				
12	222 Nos.	Reopening of 45cm^3 pits 50% of Original rate	02-03-027	10.80	each	2397.6
13	222 Nos.	Transport of 8"x12" PP seedlings by 50 Kms lead -	02-03-010 & 02-03-015	595.79	100 Nos.	1322.65
14	222 Nos.	Internal transport of 8"x12"	02-03-020	166.89	100 Nos.	370.50
15	222 Nos.	Planting seedlings in 45 Cm3 pits	02-03-034	514.12	100 Nos	1141.35
16	1 Ha.	Wages for watch and ward from July to March @ Rs.8684/20 Ha-1 No@ Rs.334/- per day for 26 days in a month	02-03-053	434.20	Ha / PM	3907.80
17	160 RMT	Fire lines to a width of 3 Mtrs.wide	02-03-049	7.17	Rmt	1147.2
18	L.S	Contingencies				7585.10
				Rate for 2021-22		**83436.00**
				Add 10% extra rate for 2022-23		**91800.0**
				Add 10% extra rate for 2023-24		**101000.00**
				Add 10% extra rate for 2024-25		**111100.00**

Countersigned

District Forest Officer
Kurnool

Forest Range Officer,
Dhone Range

Data for 1st Year Maintenance of Plantation for 1 Ha.

Sl. No.	Qty	Desription of work	FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Replacement Casualities - 25%				
1	278 Nos.	Reopening of 45cm³ pits 50% of Original rate	02-03-025	24.46	Each	6799.88
2	278 Nos.	Transport of 8"x12" PP seedlings by 50 Kms lead -	02-03-010 & 02-03-015	595.79	100 Nos.	1656.30
3	278 Nos.	Internal transport of 8"x12"	02-03-020	166.89	100 Nos.	463.95
4	278 Nos.	Planting seedlings in 45 Cm3 pits	02-03-034	514.12	100 Nos	1429.25
5	1111 Nos.	circular weeding cum soil working to a radious 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.	Wages for watch and ward from July to March @ Rs.8684/20 Ha-1 No@ Rs.334/- per day for 26 days in a month	02-04-009	434.20	Ha / PM	5210.40
9	550 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	802.78
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				3062.90
				Rate for 2021-22		**33692.00**
				Add 10% extra rate for 2022-23		**37100.00**
				Add 10% extra rate for 2023-24		**40800.00**
				Add 10% extra rate for 2024-25		**44900.00**
				Add 10% extra rate for 2025-26		**49400.00**

Countersigned

District Forest Officer
Kurnool

Forest Range Officer,
Dhone Range

Data for 2nd Year Maintenance of Plantation for 1 Ha

Sl. No.	Qty	Desription of work	FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Replacement Casualities - 25%				
1	278 Nos.	Reopening of 45cm³ pits 50% of Original rate	02-03-025	24.46	Each	6799.88
2	278 Nos.	Transport of 8"x12" PP seedlings by 50 Kms lead -	02-03-010 & 02-03-015	595.79	100 Nos.	1656.30
3	278 Nos.	Internal transport of 8"x12"	02-03-020	166.89	100 Nos.	463.95
4	278 Nos.	Planting seedlings in 45 Cm3 pits	02-03-034	514.12	100 Nos	1429.25
5	1111 Nos.	circular weeding cum soil working to a radious of 50 Cms around the plant in HG soils (2 times)	02-05-002	771.18	100 Nos	8567.81
6	1 Ha.	Interploughing to 30 Cms depth with HD tractor to 45 HP	02-05-006	4401.38	1 Ha	4401.38
7	160 RMT	Creation of Fire lines 3 mts wide	02-05-010	7.17	Rmt	1147.20
8	1 Ha.	Wages for watch and ward from July to March @ Rs.8684/20 Ha-1 No@ Rs.334/- per day for 26 days in a month	02-05-011	434.20	Ha / PM	5210.40
9	550 Nos.	Pruning of lower foliage/ branches of NTFP species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3 rd height.	02-05-012	145.96	100 Nos	802.78
10	LS	Contingencies				3047.90
					Rate for 2021-22	**33527.00**
					Add 10% extra rate for 2022-23	**36900.00**
					Add 10% extra rate for 2023-24	**40600.00**
					Add 10% extra rate for 2024-25	**44700.00**
					Add 10% extra rate for 2025-26	**49200.00**
					Add 10% extra rate for 2026-27	**54100.00**

Countersigned

District Forest Officer
Kurnool

Forest Range Officer,
Dhone Range

Data for 3rd Year Maintenance of Plantation for 1 Ha

Sl. No.	Qty	Desription of work	FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1111 Nos.	Circular weeding cum soil working to a radious of 50 Cms around the plant in HG soils	02-06-001	771.18	100 Nos	8567.81
2	1 Ha.	Interploughing to 30 Cms depth with HD tractor to 45 HP	02-06-004	4401.38	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.	Wages for watch and ward from July to March @ Rs.8684/20 Ha-1 No@ Rs.334/- per day for 26 days in a month	02-06-006	434.20	Ha / PM	5210.40
5	550 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	802.78
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				2028.00
					Rate for 2021-22	**22307.00**
					Add 10% extra rate for 2022-23	**24500.00**
					Add 10% extra rate for 2023-24	**27000.00**
					Add 10% extra rate for 2024-25	**29700.00**
					Add 10% extra rate for 2025-26	**32700.00**
					Add 10% extra rate for 2026-27	**36000.00**
					Add 10% extra rate for 2027-28	**39600.00**

Countersigned

District Forest Officer
Kurnool

Forest Range Officer,
Dhone Range

Data for 4th Year Maintenance of Plantation for 1 Ha

Sl. No.	Qty	Desription of work	FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1 Ha.	Interploughing to 30 Cms depth with HD tractor to 45 HP	02-03-045	4401.38	1 Ha	4401.38
2	160 RMT	Creation of Fire lines 3 mts wide	02-07-001	7.17	Rmt	1147.20
3	1 No./ 12 M	Wages for watch and ward from July to March @ Rs.8684/20 Ha-1 No@ Rs.334/- per day for 26 days in a month	02-07-005	434.20	Ha/PM	5210.40
4	1111 Nos.	One weeding cum soil working	02-07-002	771.18	100 Nos	8567.81
5	550 Nos.	Pruning of lower foliage/ branches of NTFP species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3 rd height.	02-07-006	145.96	100 Nos	802.78
6	1 Ha.	Enumeration of survivals, pest control, labour amenities, sharpening of tools, etc.	02-07-007	149.93	Ha	149.93
7	LS	Contingencies				2027.90
					Rate for 2021-22	**22307.00**
					Add 10% extra rate for 2022-23	**24500.00**
					Add 10% extra rate for 2023-24	**27000.00**
					Add 10% extra rate for 2024-25	**29700.00**
					Add 10% extra rate for 2025-26	**32700.00**
					Add 10% extra rate for 2026-27	**36000.00**
					Add 10% extra rate for 2027-28	**39600.00**
					Add 10% extra rate for 2028-29	**43600.00**

Countersigned

District Forest Officer
Kurnool

Forest Range Officer,
Dhone Range

Data for 5th Year to 10th year Maintenance of Plantation for 1 Ha

Sl. No.	Qty	Desription 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 M	Wages for watch and ward from July to March @ Rs.8684/20 Ha-1 No@ Rs.334/- per day for 26 days in a month	02-08-005	434.20	Ha/PM	5210.40
3	1111 Nos.	One weeding cum soil working	02-08-002	771.18	100 Nos.	8567.81
4	550 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	802.78
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				1587.80
					Rate for 2021-22	**17466.00**
					Add 10% extra rate for 2022-23	**19200.00**
					Add 10% extra rate for 2023-24	**21100.00**
					Add 10% extra rate for 2024-25	**23200.00**
					Add 10% extra rate for 2025-26	**25500.00**
					Add 10% extra rate for 2026-27	**28100.00**
					Add 10% extra rate for 2027-28	**30900.00**
					Add 10% extra rate for 2028-29	**34000.00**
					Add 10% extra rate for 2029-30	**37400.00**
					Add 10% extra rate for 2030-31	**41100.00**
					Add 10% extra rate for 2031-32	**45200.00**
					Add 10% extra rate for 2032-33	**49700.00**
					Add 10% extra rate for 2033-34	**54700.00**
					Add 10% extra rate for 2034-35	**60200.00**

Countersigned

District Forest Officer
Kurnool

Forest Range Officer,
Dhone Range