

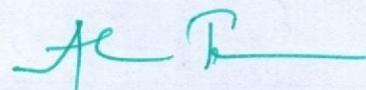
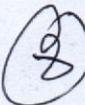
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Proposals for Raising of 5.32 Ha Compensatory Afforestation in non-Forest land in Sy.nos.167, Vajragiri Mangampeta Panchayat, Owk Mandal in Kurnool Division/District in lieu of Proposals for diversion of 4.98 ha [Mining Area-3.73 ha; Safety Zone Area-0.92 ha & Road Area-0.33 ha] of forest land falling in compartment no.460 of Pachigunta RF, Pachigunta Beat, Chittoor Range of Chittoor East (WL) Division, Chittoor for grant of quarry lease for Black Granite in favour of M/s. Sweety Granites (Prop: Sri D.James).

1. Objective		To raise Compensatory Afforestation with the funds of M/s. Sweety Granites (Prop: Sri D.James) in the CA areas in lieu of proposals for diversion of 4.98 ha [Mining Area-3.73 ha; Safety Zone Area-0.92 ha and Road Area- 0.33 ha] of forest land falling in compartment no.460 of Pachigunta. RF, Pachigunta Beat, Chittoor Range of Chittoor East (WL) Division, Chittoor for grant of quarry lease for Black Granite in favour of M/s Sweety Granites (Prop: Sri D.James).			
Sl. no	Range	Beat	Compt.No.	Area proposed for diversion in Ha	
1	Chittoor Range	Pachigunta Beat	compartment no.460 of Pachigunta RF	4.98 ha [Mining Area-3.73 ha; Safety Zone Area-0.92 ha; Road Area- 0.33 ha]	
2. Project period			10 years from the year of starting of the project (2022-23- 2033-34)		
3. Location of C.A land			The Compensatory Afforestation area (non-Forest land) proposed for raising of plantations in Kurnool Division is as follows.		
Sl. no	Mandal	Village	Sy.Nos	Area	Remarks
1	Owk	Vajragiri Mangampeta Panchayat	167	13.26 Ac Total- 13.26 Ac (or) 5.32 ha	The CA scheme has been prepared for 5.32 ha and the land identified in Owk Beat, Banaganapalli Section of Dhone Range of Kurnool Division & Kurnool District jurisdiction.
4. Type of the CA land			The proposed CA areas is Red soil and suitable for raising plantation with the Forest species. The soil is mixed with small boulders.		
5. Vegetation			The Compensatory Afforestation area is consisting shrubs like <i>Carissa carandas</i> , <i>Bobbili</i> etc.,		
6. Treatment Proposed			Semi Mechanical Method of Planting:- The treatment proposed for raising of Compensatory Afforestation area is under Semi Mechanical Method of Plantation depending up on the type of soil, density of vegetation. Tall plants of size 8"x12" are proposed for		

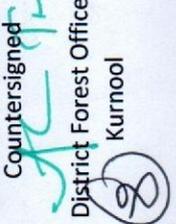
	<p>planting in 0.45 mt cube pits to facilitate quick establishment and growth. For loosening the top soil and to facilitate water absorption and good growth ploughing is preferred.</p> <p>Soil & Moisture Conservation (SMC) works are to be taken up CCTs/MPTs/Saucer pits etc., in the proposed Compensatory Afforestation area.</p> <p>The CA area should be raised under Semi Mechanical Method and to be maintained upto 10 years to ensure good results.</p> <p>1011 Rmt Chain-link fencing is proposed around the Compensatory Afforestation area for safeguarding the plantation from the biotic interference etc.</p>																												
7. Proposed species	<p>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.</p>																												
<table border="1"> <thead> <tr> <th>Sl.No</th> <th>Species</th> <th>Type</th> <th>Species</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>NTSH</td> <td>Large canopy plants</td> <td>1. <i>Hardwickia binata</i></td> </tr> <tr> <td></td> <td></td> <td></td> <td>2. <i>Azadirachta indica</i></td> </tr> <tr> <td></td> <td></td> <td></td> <td>3. <i>Dolichandrone crispera</i></td> </tr> <tr> <td></td> <td></td> <td></td> <td>4. <i>Soymida febrifuga</i></td> </tr> <tr> <td></td> <td></td> <td></td> <td>5. <i>Holoptelea integrifolia,</i></td> </tr> <tr> <td></td> <td></td> <td></td> <td><i>etc.</i></td> </tr> </tbody> </table> <p>Planting tall plants of suitable species with height not less than 2.00 mtrs are proposed planting.</p>		Sl.No	Species	Type	Species	1	NTSH	Large canopy plants	1. <i>Hardwickia binata</i>				2. <i>Azadirachta indica</i>				3. <i>Dolichandrone crispera</i>				4. <i>Soymida febrifuga</i>				5. <i>Holoptelea integrifolia,</i>				<i>etc.</i>
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			<i>etc.</i>																										
8. Agency for funding	<p>M/s Sweety Granites (Prop: Sri D.James) D.no.2-1251/4SA, Nalanda Nagar, B.V. Reddy Colony, Chittoor, Andhra Pradesh, e-mail: sweetygranites@gmail.com; cell no. 9133303000</p>																												
9. Agency for implementation of Compensatory Afforestation.	A.P.Forest Department																												
10. Cost of the Scheme	Rs.60.382 lakhs.																												

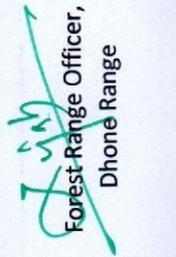

 District Forest Officer
 Kurnool


COMPENSATORY AFFORESTATION ACTION PLAN FOR RAISING OF 5.32 Ha CA AND IDENTIFIED IN IN SY.NOS.167, VAJRAGIRI MANGAMPETA PAAYAT, OWK MANDAL, DHONE RANGE OF KURNOOL DIVISION/DISTRICT IN LIEU OF PROPOSALS FOR DIVERSION OF 4.98 HA [MINING AREA-3.73 HA AND ROAD AREA-0.92 HA AND ROAD AREA-0.33 HA] OF FOREST LAND FALLING IN COMPARTMENT NO.460 OF PACHIGUNTA RF, PACHIGUNTA BEAT, CHITTOOR RANGE OF CHITTOOR EAST (WL) DIVISION, CHITTOOR FOR GRANT OF QUARRY LEASE FOR BLACK GRANITE IN FAVOUR OF M/S. SWEETY GRANITES (PROP: SRI D. JAMES)

ABSTRACT CUM YEAR WISE ACTION PLAN

Sl. no (1)	Name of the work (2)	Unit (3)	Unit rate (4)	2022-23		2023-24		2024-25		2025-26		2026-27		2027-28	
				Phy (5)	Fin (6)	Phy (7)	Fin (8)	Phy (9)	Fin (10)	Phy (11)	Fin (12)	Phy (13)	Fin (14)	Phy (15)	Fin (16)
I	Nursery Raising and Maintenance														
a	Raising of 8"x12" nursery	1000 Nos	0.147	11066	1.627										
b	Maintenance of seedlings upto July	1000 Nos	0.044			11066	0.487								
c	Maint. of left over seedlings beyond July	1000 Nos	0.021			5155	0.108								
d	Maintenance of seedlings upto July	1000 Nos	0.012					5155	0.062						
e	Maint. of left over seedlings beyond July	1000 Nos	0.023					3676	0.085						
f	Maintenance of seedlings upto July	1000 Nos	0.013							3676	0.048				
	Total Nursery cost				1.627		0.595		0.146		0.048		0.000		0.000
II	Plantation														
a	Advance Operations	Ha	0.518	5.32	2.756										
b	Raising of plantation	Ha	0.820			5.32	4.362								
c	1st year maintenance	Ha	0.444					5.32	2.362						
d	2nd year maintenance	Ha	0.486							5.32	2.586				
e	3rd year maintenance	Ha	0.358									5.32	1.905		
f	4th year maintenance	Ha	0.394											5.32	2.096
g	5th year maintenance	Ha	0.341												
h	6th year maintenance	Ha	0.375												
IV	7th year maintenance	Ha	0.413												
j	8th year maintenance	Ha	0.454												
k	9th year maintenance	Ha	0.499												
l	10th year maintenance	Ha	0.549												
	Total Plantation cost				2.756		4.362		2.362		2.586		1.905		2.096
III	Chainlink fencing around the CA Land	Rmt	0.01091	0	0.000	1011	11.030								
IV	Construction of Boundary Pillars around the CA land	Nos	0.121	7	0.847										
V	Formation of approach road to the planting site and contingencies	LS	4.000	LS	4.000										
VI	SMC works like CCTs/MPTs etc. (15% on the plantation cost)	LS	--		0.413		0.654		0.354		0.388		0.286		0.314
VII	Monitoring & Evaluation (5% on the plantation cost)	LS	--		0.138		0.218		0.118		0.129		0.095		0.105
VIII	Overheads (20% 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) for O/o DFO(T), Kurnool	LS	--		0.551		0.872		0.472		0.517		0.381		0.419
	Grand Total				10.332		17.733		3.453		3.668		2.666		2.935

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 (17)	Fin (18)	Phy (19)	Fin (20)	Phy (21)	Fin (22)	Phy (23)	Fin (24)	Phy (25)	Fin (26)	Phy (27)	Fin (28)	Phy (29)	Fin (30)
I	Nursery Raising and Maintenance																
a	Raising of 8"x12" nursery	1000 Nos	0.147													11066	1.627
b	Maintenance of seedlings upto July	1000 Nos	0.044													11066	0.487
c	Maint. of left over seedlings beyond July	1000 Nos	0.021													5155	0.108
d	Maintenance of seedlings upto July	1000 Nos	0.012													5155	0.062
e	Maint. of left over seedlings beyond July	1000 Nos	0.023													3676	0.085
f	Maintenance of seedlings upto July	1000 Nos	0.013													3676	0.048
	Total Nursery cost				0.000		2.416										
II	Plantation																
a	Advance Operations	Ha	0.518													5.32	2.756
b	Raising of plantation	Ha	0.820													5.32	4.362
c	1st year maintenance	Ha	0.444													5.32	2.362
d	2nd year maintenance	Ha	0.486													5.32	2.586
e	3rd year maintenance	Ha	0.358													5.32	1.905
f	4th year maintenance	Ha	0.394													5.32	2.096
g	5th year maintenance	Ha	0.341	5.32	1.814											5.32	1.814
h	6th year maintenance	Ha	0.375			5.32	1.995									5.32	1.995
IV	7th year maintenance	Ha	0.413			5.32	2.197									5.32	2.197
j	8th year maintenance	Ha	0.454							5.32	2.415					5.32	2.415
k	9th year maintenance	Ha	0.499									5.32	2.655			5.32	2.655
l	10th year maintenance	Ha	0.549										5.32	2.921		5.32	2.921
	Total Plantation cost				1.814		1.995		2.197		2.415		2.655		2.921		30.063
III	Chainlink fencing around the CA Land	Rmt	0.01091													1011	11.030
IV	Construction of Boundary Pillars around the CA land	Nos	0.121													7	0.847
V	Formation of approach road to the planting site and contingencies	LS	4.000													LS	4.000
VI	SMC works like CCTs/MPTs etc. (15% on the Plantation cost)	LS	--	0.272	0.299	0.299	0.330	0.330	0.362	0.362	0.398	0.398	0.438	0.438	0.438	LS	4.509
VII	Monitoring & Evaluation (5% on the plantation cost)	LS	--	0.091	0.100	0.100	0.110	0.110	0.121	0.121	0.133	0.133	0.146	0.146	0.146	LS	1.503
VIII	Overheads (20% 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) for O/o DFO(T), Kurnool	LS	--	0.363	0.399	0.399	0.439	0.439	0.483	0.483	0.531	0.531	0.584	0.584	0.584	LS	6.013
	Grand Total				2.540		2.793		3.076		3.381		3.717		4.089		60.382

Countersigned

District Forest Officer
Kurnool

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Forest Range Officer,
Dhone Range

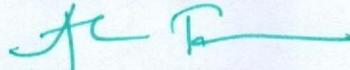
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DATA FOR RAISING OF NURSERY IN 8"X12" PPs SEEDLINGS

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 preparation for new site-Clearing of growth, weeds, grass etc.	01-03-001	60.90	Bed	84.00
4	1100 Nos.	Cost and transport of ingredients for potting mixture Red Soil and Clavey soil in 2:1 ratio	01-03-006	1122.15	1000 Nos.	1234.00
5	LS	Cost of chemicals, insecticides, pesticides etc.	01-03-019	600.00	LS	600.00
	1100 Nos.	Preparation of potting mixture Red Soil and Clavey 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 tips and arranging in beds	01-03-011	3254.04	1000 Nos.	3579.00
6	1100 Nos.	Picking out seedlings form primary beds and transplanting in bags.	01-03-014	161.93	1000 Nos.	178.00
7	1000 Nos.	Watering the bag plants departmental nursery 4 months (December-March)	01-03-016	299.32	800 Nos./ Month	1497.00
8	1000 Nos.	Weeding the bag plants 3 times	01-03-017	57.70	800 Nos./ weeding	216.00
9	1000 Nos.	Shifting & grading and re-arranging the container 2 times	01-03-018	264.53	800 Nos./ shifting	661.00
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 electric motor and etc.			LS	1106.00
		Rate for 2020-21				12164.00
		Add 10% extra rate for 2021-22				13400.00
		Add 10% extra rate for 2022-23				14700.00

Countersigned



District Forest Officer

Kurnool




Forest Range Officer,
Dhone Range

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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	299.32	800 Nos./ months	1497.00
2	1000 Nos./ 4 Times	Weeding in the bag plants 4 Times	01-03-021	57.70	800 Nos./ month	289.00
3	1000 Nos.	Shifting and grading and re-arranging the containers 2 times	01-03-022	264.53	800 Nos./ time	661.00
4	LS	Cost of fertilizers, Pessticides, Pipeline reapiers etc.			1000 Nos.	700.00
5	LS	Contingencies				157.00
		Rate for 2020-21				3304.00
		Add 10% extra rate for 2021-22				3600.00
		Add 10% extra rate for 2022-23				4000.00
		Add 10% extra rate for 2023-24				4400.00

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	149.66	800 Nos./ months	1497.00
2	LS	Contingencies				75.00
		Rate for 2020-21				1572.00
		Add 10% extra rate for 2021-22				1700.00
		Add 10% extra rate for 2022-23				1900.00
		Add 10% extra rate for 2023-24				2100.00

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	149.66	800 Nos./ months	748.00
2	LS	Contingencies				37.00
		Rate for 2020-21				785.00
		Add 10% extra rate for 2021-22				900.00
		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

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	149.66	800 Nos./ months	1497.00
2	LS	Contingencies				75.00
		Rate for 2020-21				1572.00
		Add 10% extra rate for 2021-22				1700.00
		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

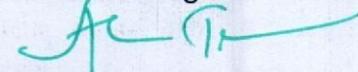
DATA FOR MAINTENANCE OF 1000 Nos (8"X12") PPs UPTO JULY [2025-26]

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	149.66	800 Nos./ months	748.00
2	LS	Contingencies				37.00
		Rate for 2020-21				785.00
		Add 10% extra rate for 2021-22				900.00
		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

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

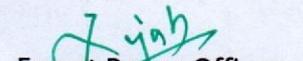
Sl. No.	Qty	Description of Work	FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1000 Nos./ 8 Months	Watring, weeding and Shifting and grading and re-arranging in beds the bag plants (8"x12") 8 Months (August to March)	01-03-025	149.66	800 Nos./ months	1497.00
2	LS	Contingencies				75.00
		Rate for 2020-21				1572.00
		Add 10% extra rate for 2021-22				1700.00
		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

Countersigned



District Forest Officer
Kurnool

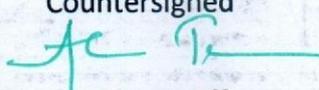


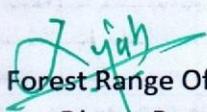

Forest Range Officer,
Dhone Range

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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) for 20Ha	02-02-001	233.53	Plantation	233.53
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. Light Jungle growth (> 20% and upto 30% ground area covered with Jungle growth)	02-02-004	6869.92	Ha.	6869.92
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. Light Jungle growth (> 20% and upto 30% ground area covered with Jungle growth)	02-02-009	18327.30	Ha.	18327.30
4	1 Ha.	Collection and removal of uprooted stumps of all sizes, other debris etc., to outside the plantation site. Light Jungle growth (> 20% and upto 30% ground area covered with Jungle growth)	02-02-013	11262.45	Ha.	11262.45
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) Hard /Gravelly Soils (50% extra on ordinary soil rate)	02-02-020	6156.14	Ha	6156.14
6		Contingencies				4285.00
Rate for 2020-21						47134.00
Add 10% extra rate for 2022-23						51800.00

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 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	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	91.67	100 Nos.	1018.45
2	1111 Nos.	Digging of 45 Cm ³ pits in ploughed area	02-03-025	10.07	each	11187.77
3	1111 Nos.	Transport of 8"x12" PP seedlings by 30 Kms lead -	02-03-010 & 02-03-015	555.63	100 Nos.	6173.05
4	1111 Nos.	Internal transport of 8"x12"	02-03-020	155.59	100 Nos	1728.60
5	1111 Nos.	Planting seedlings in 45 Cm ³ pits	02-03-034	479.32	100 Nos	5325.25
6	1111 Nos.	Cost of Chemical fertilisers (50grm SSP for basal dressing, 20 grm DAP after planting for 30 cm ³ & 45 cm ³ pits).	02-03-031	2.00	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	43.04	100 Nos.	478.17
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	718.98	100 Nos	7987.87
9	1 Ha.	Interploughing to 30 Cms depth with HD tractor to 45 HP (2 times)	02-03-046	6156.14	1 Ha	6156.14
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	25.67	100 Nos.	285.19
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	3.18	Plant	3532.98
Replacement Casualties - 20%						
12	222 Nos.	Reopening of 45cm ³ pits 50% of Original rate	02-03-027	10.07	each	2235.54
13	222 Nos.	Transport of 8"x12" PP seedlings by 30 Kms lead -	02-03-010 & 02-03-015	555.63	100 Nos.	1233.50
14	222 Nos.	Internal transport of 8"x12"	02-03-020	155.59	100 Nos.	345.41
15	222 Nos.	Planting seedlings in 45 Cm ³ pits	02-03-034	479.32	100 Nos	1064.09
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	6.68	Rmt	1068.80
18	L.S	Contingencies				5595.00
Rate for 2020-21						61546.00
Add 10% extra rate for 2021-22						67700.00
Add 10% extra rate for 2022-23						74500.00
Add 10% extra rate for 2023-24						82000.00

Countersigned



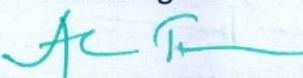
District Forest Officer
Kurnool

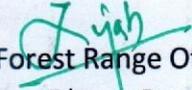
Forest Range Officer,
Dhone Range

147-149

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

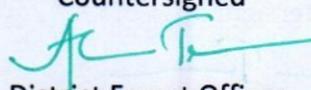
Sl. No.	Qty	Description of work	FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Replacement Casualties - 25%				
1	278 Nos.	Reopening of 45cm ³ pits 50% of Original rate	02-03-025	22.81	Each	6341.18
2	278 Nos.	Transport of 8"x12" PP seedlings by 30 Kms lead -	02-03-010 & 02-03-015	555.63	100 Nos.	1544.65
3	278 Nos.	Internal transport of 8"x12"	02-03-020	155.59	100 Nos.	432.54
4	278 Nos.	Planting seedlings in 45 Cm ³ pits	02-03-034	479.32	100 Nos	1332.51
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	718.98	100 Nos	7987.87
6	1 Ha.	Interploughing to 30 Cms depth with HD tractor to 45 HP	02-04-004	4103.47	1 Ha	4103.47
7	160 RMT	Creation of Fire lines 3 mts wide	02-04-008	6.68	Rmt	1068.80
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	136.08	100 Nos	748.44
10	1 Ha.	Enumeration of survivals, pest control, labour amenities, sharpening of tools, etc.	02-04-011	139.78	Ha	139.78
11	LS	Contingencies				1445.00
Rate for 2020-21						30355.00
Add 10% extra rate for 2021-22						33400.00
Add 10% extra rate for 2022-23						36700.00
Add 10% extra rate for 2023-24						40400.00
Add 10% extra rate for 2024-25						44400.00

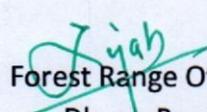
Countersigned

 District Forest Officer
 Kurnool


 Forest Range Officer,
 Dhone Range

Data for 2nd Year Maintenance of 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	22.81	Each	6341.18
2	278 Nos.	Transport of 8"x12" PP seedlings by 30 Kms lead -	02-03-010 & 02-03-015	555.63	100 Nos.	1544.65
3	278 Nos.	Internal transport of 8"x12"	02-03-020	155.59	100 Nos.	432.54
4	278 Nos.	Planting seedlings in 45 Cm ³ pits	02-03-034	479.32	100 Nos	1332.51
5	1111 Nos.	circular weeding cum soil working to a radius of 50 Cms around the plant in HG soils (2 times)	02-05-007	718.98	100 Nos	7987.87
6	1 Ha.	Interploughing to 30 Cms depth with HD tractor to 45 HP	02-05-006	4103.47	1 Ha	4103.47
7	160 RMT	Creation of Fire lines 3 mts wide	02-05-010	6.68	Rmt	1068.80
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	136.08	100 Nos	748.44
10	LS	Contingencies				1438.00
Rate for 2020-21						30208.00
Add 10% extra rate for 2021-22						33200.00
Add 10% extra rate for 2022-23						36500.00
Add 10% extra rate for 2023-24						40200.00
Add 10% extra rate for 2024-25						44200.00
Add 10% extra rate for 2025-26						48600.00

Countersigned

 District Forest Officer
 Kurnool


 Forest Range Officer,
 Dhone Range

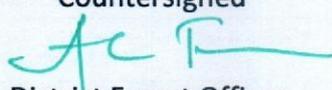
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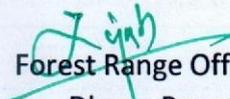
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149 / 151

Data for 3rd Year Maintenance of 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 to a radius of 50 Cms around the plant in HG soils	02-06-001	718.98	100 Nos	7987.87
2	1 Ha.	Interploughing to 30 Cms depth with HD tractor to 45 HP	02-06-004	4103.47	1 Ha	4103.47
3	160 RMT	Creation of Fire lines 3 mts wide	02-06-005	6.68	Rmt	1068.80
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	136.08	100 Nos	748.44
6	1 Ha.	Enumeration of survivals, pest control, labour amenities, sharpening of tools, etc.	02-06-008	139.78	Ha	139.78
7	LS	Contingencies				963.00
Rate for 2020-21						20222.00
Add 10% extra rate for 2021-22						22200.00
Add 10% extra rate for 2022-23						24400.00
Add 10% extra rate for 2023-24						26800.00
Add 10% extra rate for 2024-25						29500.00
Add 10% extra rate for 2025-26						32500.00
Add 10% extra rate for 2026-27						35800.00

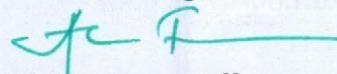
Countersigned

 District Forest Officer
 Kurnool


 Forest Range Officer,
 Dhone Range

Data for 4th Year Maintenance of Plantation for 1 Ha

Sl. No.	Qty	Description 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	4103.47	1 Ha	4103.47
2	160 RMT	Creation of Fire lines 3 mts wide	02-07-001	6.68	Rmt	1068.80
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	718.98	100 Nos	7987.87
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	136.08	100 Nos	748.14
6	1 Ha.	Enumeration of survivals, pest control, labour amenities, sharpening of tools, etc.	02-07-007	139.78	Ha	139.78
7	LS	Contingencies				963.00
Rate for 2020-21						20222.00
Add 10% extra rate for 2021-22						22200.00
Add 10% extra rate for 2022-23						24400.00
Add 10% extra rate for 2023-24						26800.00
Add 10% extra rate for 2024-25						29500.00
Add 10% extra rate for 2025-26						32500.00
Add 10% extra rate for 2026-27						35800.00
Add 10% extra rate for 2027-28						39400.00

Countersigned



District Forest Officer

Kurnool

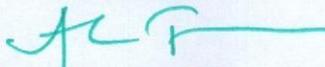



Forest Range Officer,
Dhone Range

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Data for 5th Year to 10th year Maintenance of 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	6.68	Rmt	1068.80
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	718.98	100 Nos.	7987.87
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	136.08	100 Nos	748.44
5	1 Ha.	Enumeration of survivals, pest control, labour amenities, sharpening of tools, etc.	02-08-007	139.78	Ha	139.78
6	LS	Contingencies				758.00
Rate for 2020-21						15913.00
Add 10% extra rate for 2021-22						17500.00
Add 10% extra rate for 2022-23						19300.00
Add 10% extra rate for 2023-24						21200.00
Add 10% extra rate for 2024-25						23300.00
Add 10% extra rate for 2025-26						25600.00
Add 10% extra rate for 2026-27						28200.00
Add 10% extra rate for 2027-28						31000.00
Add 10% extra rate for 2028-29						34100.00
Add 10% extra rate for 2029-30						37500.00
Add 10% extra rate for 2030-31						41300.00
Add 10% extra rate for 2031-32						45400.00
Add 10% extra rate for 2032-33						49900.00
Add 10% extra rate for 2033-34						54900.00

Countersigned

 District Forest Officer
 Kurnool



 Forest Range Officer,
 Dhone Range

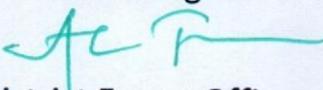
153 105

DATA FOR ERECTION OF CHAINLINK FENCING AROUND THE COMPENSATORY AFFORESTATION AREA OVER A LENGTH OF 1010.38 RMT @ 5 METER APART IN SY.NOS.167, VAJRAGIRI MANGAMPETA PANCHAYAT, OWK MANDAL, DHONE RANGE OF KURNOOL DIVISION/DISTRICT IN LIEU OF PROPOSALS FOR DIVERSION OF 4.98 HA [MINING AREA-3.73 HA; SAFETY ZONE AREA-0.92 HA AND ROAD AREA-0.33 HA] OF FOREST LAND FALLING IN COMPARTMENT NO.460 OF PACHIGUNTA RF, PACHIGUNTA BEAT, CHITTOOR RANGE OF CHITTOOR EAST (WL) DIVISION, CHITTOOR FOR GRANT OF QUARRY LEASE FOR BLACK GRANITE IN FAVOUR OF M/S. SWEETY GRANITES (PROP: SRI D. JAMES)

S.No	Qty	Description of work	FSR/SSR Item	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1517 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	433862
		Add GST @ 12%				52063
2	203 Nos/ 2083 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	153101
3	1517 Sq Mts	Transport of Chain link mesh to the site	LS			30000
4	1517 Sq Mts	Internal transport of Chain link mesh (of size 25 mts x 7 feet height)	05-15-014 FSR 2020-21 Kurnool Circle	84.92	Per 1 No.	3434
5	203 Nos	Digging of 45 cm. cube pits in hard gravelly soils	02-03-025 FSR 2020-21 Kurnool Circle	22.81	Each	4630
6	19 cum	Filling with CC(1:5:10) with 40mm metal	CSSR	2571.5	Cum	48858
7	1011 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 2020-21 Kurnool Circle	267.78	10 Rmt	27073
8		Contingencies (10% on total cost)	LS			75302
						Total Cost for 2020-21 828323
						Add 10% extra rate for 2021-22 911155
						Add 10% extra rate for 2022-23 1002271
						Add 10% extra rate for 2023-24 1102498

Cost of Chain link mesh per Rmt is =11,02,498/1011 Rmt = Rs.1091/-

Countersigned


District Forest Officer

 Kurnool

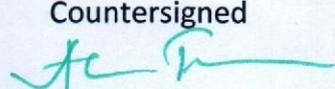

Forest Range Officer,
Dhone Range

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Line Estimate

Data Sheet for Construction of RCC Boundary Pillar

Unit cost per 1 No.

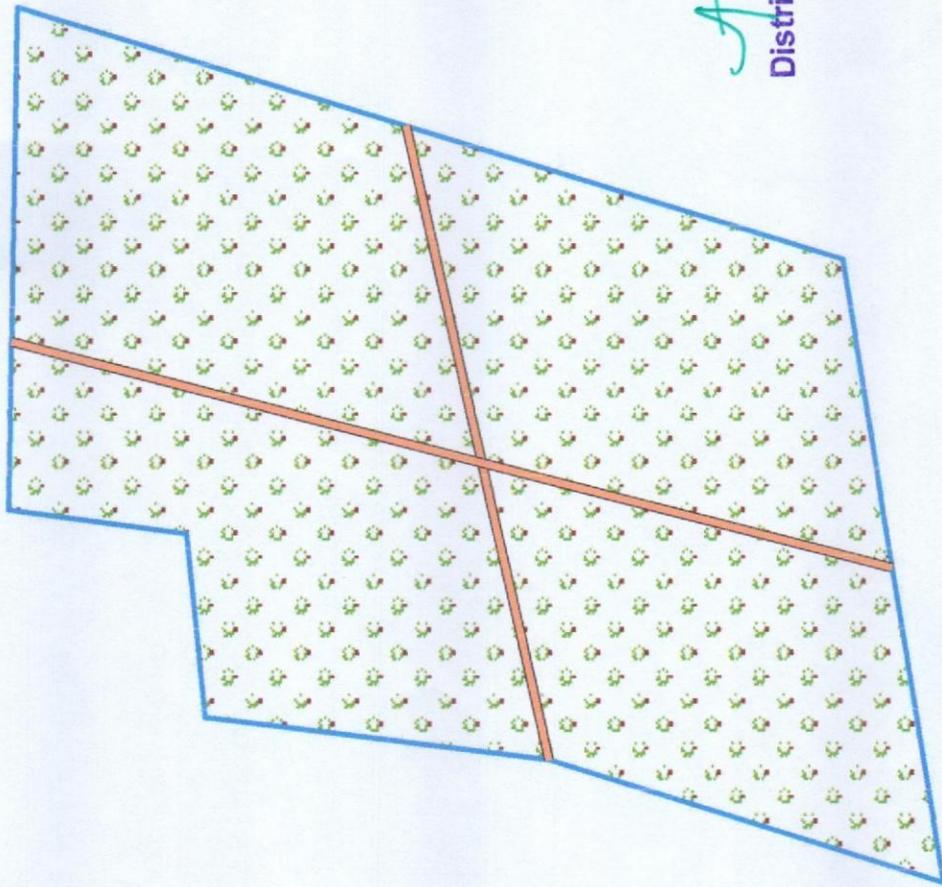
Sl No.	Description of work	Nos	Measurements in Mts			Quantity	Rate / Per	Amount
			Length	Breadth	Height			
(1)	(2)	(3)	(4)	(5)	(5)	(6)	(7)	(8)
1	Clearing of juliflora (Prosopis) Jungle including uprooting and removing of Juliflora stumps	1 x 1	3.00	3.00	--	6.000	7.42	44.52
						Sqmt	per Sqmt	
2	Earth 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 Cost for 2020-21
								10000.00
								Add 10% extra rate for 2021-22
								11000.00
								Add 10% extra rate for 2022-23
								12100.00

Countersigned

District Forest Officer
Kurnool




Forest Range Officer,
Dhone Range

Treatment map for Raising of 5.32 Ha Compensatory Afforestation in non-Forest land in Sy.nos.167, Vajragiri Mangampeta Panchayat,
 Owk Mandal in Kurnool Division/District in lieu of Proposals for diversion of 4.98 ha [Mining Area-3.73 ha;
 Safety Zone Area-0.92 ha & Road Area-0.33 ha] of forest land falling in compartment no.460 of Pachigunta RF, Pachigunta Beat,
 Chittoor Range of Chittoor East (WL) Division, Chittoor for grant of quarry lease for Black Granite in favour of M/s. Sweety Granites
 (Prop: Sri D.James)

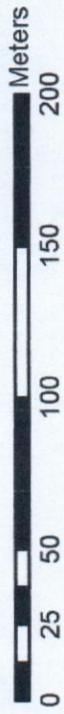


S. no.	District/ Division	Range	Secta ⁿ o	Beat/Mandal	Village	Sy.no.	Area in ha
1	Kurnool	Dhone	Banaganapalli	Owk	Vajragiri, Mangampeta Panchayat	167	5.32

[Signature]
 District Forest Officer
 KURNOOL



1:2,500



Legend

- Inspection Paths/Sector lines
- CA_Area_ (Non-forestland)

[Signature]
 Forest Range Officer
 Dhone