

Proposals for Raising of 3.06 Ha Compensatory Afforestation in non-Forest land in Sy.nos.781, Racherla Village, Peapully Mandal in Kurnool Division/District in lieu of Proposals for diversion of 2.90 ha [Mining Area-2.27 ha; Safety Zone Area-0.61 ha & Road-0.02 ha] of forest land in compartment no.313 of GA Bad South RF, GA Bad Beat, Dhone Range of Kurnool (T) Division, for grant of quarry lease for Road metal in favour of M/s. Sainath Stone Crushers (Prop: Sri Y.Balathimma Reddy).

1. Objective	To raise Compensatory Afforestation with the funds of M/s Sainath Stone Crushers, Prop: Sri Y.Balathimma Reddy in the CA area in lieu of proposals for diversion of 2.90 ha [Mining Area-2.27 ha; Safety Zone Area-0.61 ha & Road-0.02 ha] of forest land in compartment no.313 of GA Bad South RF, GA Bad Beat, Dhone Range of Kurnool (T) Division, for grant of quarry lease for Road metal in favour of M/s. Sainath Stone Crushers (Prop: Sri Y.Balathimma Reddy).												
<table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width:8%;">Sl. no</th> <th style="width:15%;">Range</th> <th style="width:15%;">Beat</th> <th style="width:25%;">Compt.No.</th> <th style="width:37%;">Area proposed for diversion in Ha</th> </tr> </thead> <tbody> <tr> <td align="center">1</td> <td align="center">Dhone Range</td> <td align="center">GA Bad Beat</td> <td align="center">Compartment no.313 of GA Bad South RF</td> <td align="center">2.90 ha [Mining Area-2.27 ha; Safety Zone Area-0.61 ha & Road-0.02 ha]</td> </tr> </tbody> </table>		Sl. no	Range	Beat	Compt.No.	Area proposed for diversion in Ha	1	Dhone Range	GA Bad Beat	Compartment no.313 of GA Bad South RF	2.90 ha [Mining Area-2.27 ha; Safety Zone Area-0.61 ha & Road-0.02 ha]		
Sl. no	Range	Beat	Compt.No.	Area proposed for diversion in Ha									
1	Dhone Range	GA Bad Beat	Compartment no.313 of GA Bad South RF	2.90 ha [Mining Area-2.27 ha; Safety Zone Area-0.61 ha & Road-0.02 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.												
<table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width:8%;">Sl. no</th> <th style="width:12%;">Mandal</th> <th style="width:15%;">Village</th> <th style="width:10%;">Sy.Nos</th> <th style="width:10%;">Area</th> <th style="width:45%;">Remarks</th> </tr> </thead> <tbody> <tr> <td align="center">1</td> <td align="center">Peapully</td> <td align="center">Racherla village</td> <td align="center">781</td> <td align="center">3.06 Ha</td> <td>The CA scheme has been prepared for 3.06 ha and the land identified in Racherla Beat, Racherla Section of Dhone Range of Kurnool Division & Kurnool District jurisdiction.</td> </tr> </tbody> </table>		Sl. no	Mandal	Village	Sy.Nos	Area	Remarks	1	Peapully	Racherla village	781	3.06 Ha	The CA scheme has been prepared for 3.06 ha and the land identified in Racherla Beat, Racherla Section of Dhone Range of Kurnool Division & Kurnool District jurisdiction.
Sl. no	Mandal	Village	Sy.Nos	Area	Remarks								
1	Peapully	Racherla village	781	3.06 Ha	The CA scheme has been prepared for 3.06 ha and the land identified in Racherla Beat, Racherla 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	No vegetation in the non-forest land identified for Compensatory Afforestation.												
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>484 Rmt Barbed wire fencing is proposed in North & Easter sides, South side is Sri Y.Mahendranath Reddy proposed CA land and Western direction is Reserve Forest for safeguarding the plantation from the biotic interference etc.</p>
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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.
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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>
			etc.

Planting tall plants of suitable species with height not less than 2.00 mtrs are proposed planting.

8. Agency for funding	M/s. Sainath Stone Crushders (Prop: Sri Y.Balathimma Reddy), H.no.2/23-4-18, Near G.M.Takis, Karim bag colony, Banaganapalle (V) & (M), Kurnool District, Andhra Pradesh-518124 e-mail: ybtr789@gmail.com; cell no. 9440821279
9. Agency for implementation of Compensatory Afforestation.	A.P.Forest Department
10. Cost of the Scheme	Rs.28.937 lakhs.


 District Forest Officer
 Kurnool

SITE INSPECTION REPORT OF THE DISTRICT FOREST OFFICER, KURNOOL FOR THE COMPENSATORY AFFORESTATION LAND IDENTIFIED IN SY.NO.781, RACHERLA VILLAGE, PEAPULLY MANDAL, KURNOOL DISTRICT IN LIEU OF PROPOSALS FOR DIVERSION OF 2.90 HA[Mining Area-2.27 ha; Safety Zone Area-0.61 ha & Road-0.02 ha] OF FOREST LAND IN COMPT.NO.313, GULAMALIABAD SOUTH RF, 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)

On 17-05-2021, I along with Forest Range Officer, Dhone and concerned staff inspected the non-forest land identified in Survey number.781, Racherla village, Peapully Mandal, Kurnool District for Compensatory Afforestation in lieu of land proposed for diversion of forest land over an extent of 2.90 ha [Mining Area-2.27 ha; Safety Zone Area-0.61 ha & Road-0.02 ha] in Gulamaliabad South RF, Compartment no.313, GA Bad 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).

The user agency had completed the DGPS survey of the non-forest land identified in the said location and the same has been verified and authenticated by the Principal Chief Conservator of Forests, (HoFF), Andhra Pradesh, Guntur vide Ref.no. EFS02-15029/59/2018-FCA SEC -PCCF/FCA-2, dt.03.01.2021 and the area assessed is 3.06 ha. The CA land identified is adjacent and contiguous to Compartment no.263, Jaladurgam Extn-I Reserve Forest and southern side is another CA land identified by the Sri Y.Mahendranath Reddy for other FCA project and the soil is Red soil and suitable for raising of plantation with forest species and the site is suitable from management and protection point of view. Further, the CA land identified under this project does not overlap with the non-forest land identified for other projects. The CA area should be raised under Semi Mechanical Method and the plantations maintained upto 10 years to ensure good results.



[Handwritten Signature]
District Forest Officer,
Kurnool

COMPENSATORY AFFORESTATION ACTION PLAN FOR RAISING OF 3.06 Ha CA LAND IDENTIFIED IN SY.NOS.781, RACHERLA VILLAGE, PEAPULLY MANDAL IN KURNOOL DIVISION/DISTRICT 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

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	0.140	6365	0.891										
b	Maintenance of seedlings upto July	1000 Nos	0.062			6365	0.395								
c	Maint. of left over seedlings beyond July	1000 Nos	0.021			2965	0.062								
d	Maintenance of seedlings upto July	1000 Nos	0.012					2965	0.036						
e	Maint. of left over seedlings beyond July	1000 Nos	0.023					2114	0.049						
f	Maintenance of seedlings upto July	1000 Nos	0.013							2114	0.027				
	Total Nursery cost				0.891		0.457		0.084		0.027		0.000		0.000
II	Plantation														
a	Advance Operations	Ha	1.086	3.06	3.323										
b	Raising of plantation	Ha	1.010			3.06	3.091								
c	1st year maintenance	Ha	0.449					3.06	1.374						
d	2nd year maintenance	Ha	0.492							3.06	1.506				
e	3rd year maintenance	Ha	0.360									3.06	1.102		1.212
f	4th year maintenance	Ha	0.396												
g	5th year maintenance	Ha	0.340												
h	6th year maintenance	Ha	0.374												
IV	7th year maintenance	Ha	0.411												
j	8th year maintenance	Ha	0.452												
k	9th year maintenance	Ha	0.497												
l	10th year maintenance	Ha	0.547												
	Total Plantation cost				3.323		3.091		1.374		1.506		1.102		1.212
III	SMC works like CCTs/MPTs/PPT etc. (15% on the Plantation cost)	LS	--		0.498		0.464		0.206		0.226		0.165		0.182
IV	Monitoring & Evaluation (5% on the plantation cost)	LS	--		0.166		0.155		0.069		0.075		0.055		0.061
V	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	--		0.665		0.618		0.275		0.301		0.220		0.242
	Grand Total				5.544		4.784		2.008		2.135		1.542		1.696

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	0.140														6365	0.891
b	Maintenance of seedlings upto July	1000 Nos	0.062														6365	0.395
c	Maint. of left over seedlings beyond July	1000 Nos	0.021														2965	0.062
d	Maintenance of seedlings upto July	1000 Nos	0.012														2965	0.036
e	Maint. of left over seedlings beyond July	1000 Nos	0.023														2114	0.049
f	Maintenance of seedlings upto July	1000 Nos	0.013														2114	0.027
	Total Nursery cost				0.000			1.460										
II	Plantation																	
a	Advance Operations	Ha	1.086														3.06	3.323
b	Raising of plantation	Ha	1.010														3.06	3.091
c	1st year maintenance	Ha	0.449														3.06	1.374
d	2nd year maintenance	Ha	0.492														3.06	1.506
e	3rd year maintenance	Ha	0.360														3.06	1.102
f	4th year maintenance	Ha	0.396														3.06	1.212
g	5th year maintenance	Ha	0.340	3.06	1.040												3.06	1.040
h	6th year maintenance	Ha	0.374			3.06	1.144										3.06	1.144
i	7th year maintenance	Ha	0.411					3.06	1.258								3.06	1.258
j	8th year maintenance	Ha	0.452							3.06	1.383						3.06	1.383
k	9th year maintenance	Ha	0.497									3.06	1.521				3.06	1.521
l	10th year maintenance	Ha	0.547											3.06	1.674		3.06	1.674
	Total Plantation cost			1.040		1.144		1.258		1.383		1.521		1.674		1.674		19.627
III	SMC works like CCTs/MPTs/PPT etc. (15% on the Plantation cost)	LS	--	0.156	0.172	0.189	0.207	0.228	0.251	0.277	0.304	0.335	0.360	0.385	0.410	0.435	0.460	0.485
IV	Monitoring & Evaluation (5% on the plantation cost)	LS	--	0.052	0.057	0.063	0.069	0.075	0.081	0.087	0.093	0.099	0.105	0.111	0.117	0.123	0.129	0.135
V	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	--	0.208	0.229	0.252	0.277	0.304	0.335	0.360	0.385	0.410	0.435	0.460	0.485	0.510	0.535	0.560
	Grand Total			1.457		1.602		1.761		1.936		2.129		2.343		2.343		28.937

Countersigned

District Forest Officer,
Kurnool

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	65.33	Bed	90.00
4	1100 Nos.	Cost and transport of ingredients 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.	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	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

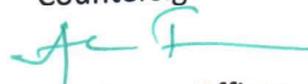
 District Forest Officer
 Kurnool


 Forest Range Officer,
 Dhone Range

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**Data for fencing with Barbed wire and R.C.C fencing poles
1.80x0.23x0.10 during 2021-22**

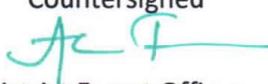
			for 100 Rmt				
S.No	Qty		Description of work	FSR/SSR Item	Rate	Per	Amount
(1)	(2)		(3)	(4)	(5)	(6)	(7)
1	75	Kgs	Cost and conveyance of barbedwire 3 barbs @ 15Kgs for 5 streends for 20 Rmt	Actulas	80	1 Kg	6000.00
			Add GST @ 12%				720.00
2	35	Nos	Cost of R.C 1:2:4 poles of size 1.80x0.23x0.10(at 3mt apart including for supports)	Actuals	250	Each	8750.00
3	35	Nos	Conveyance of R.C.C poles to the work site @ 35 km lead	05-04-002 05-04-003 05-04-004	96.21	Each	3367.00
4	35	Nos	Distribution of R.C.C pillars	05-04-005	19.68	Each	689.00
5	35	Nos	Fixing R.C.C. pillars including digging of pit of required size	05-04-006	16.06	Each	562.00
6	100	Rmt	Streeching barbed wire 5 stands including cost of binding wire	05-04-007	393.98	20 Rmt	1970.00
7			Contingencies (10% on total cost)	LS			2206.00
							Rate for 2021-22 24264.00
							Add 10% extra rate for 2022-23 26700.00
							Add 10% extra rate for 2023-24 29400.00

Countersigned

District Forest Officer
Kurnool


Forest Range Officer,
Dhone Range

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

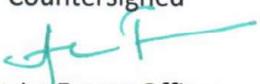
Sl. No.	Qty	Description of work	FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Plantation	Survey with GPS (Only staff to carry out) one manday is allowed for assistance (as per RSSR) for 20Ha	02-02-001	250.48	Plantation	250.48
2	1 Ha.	Preparation of site for planting by clearing thorny unsaleable, 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)	02-02-020	6603.07	Ha	6603.07
		Hard /Gravelly Soils (50% extra on ordinary soil rate)				
6	164	Fencing with Barbed wire and RCC pillars	As per data	26700	100 Rmt	43788
7		Contingencies				8975.00
Rate for 2021-22						98723.00
Add 10% extra rate for 2022-23						108600.00

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	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	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 Cm ³ 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.	512.95
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)	02-03-046	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 Casualties - 20%						
12	222 Nos.	Reopening of 45cm ³ pits 50% of Original rate	02-03-027	10.80	each	2397.60
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 Cm ³ 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	1147.20
18	L.S	Contingencies				7585.10
Rate for 2021-22						83436.00
Add 10% extra rate for 2022-23						91800.00
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	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 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 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.	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	

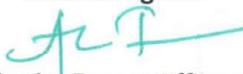
Countersigned

 District Forest Officer
 Kurnool


 Forest Range Officer,
 Dhone Range

Data for 2nd Year Maintenance of Plantation for 1 Ha

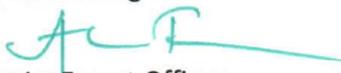
Sl. No.	Qty	Description of work	FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Replacement Casualties - 25%				
1	278 Nos.	Reopening of 45cm ³ pits 50% of Original rate	02-03-025	24.46	Each	6799.88
2	278 Nos.	Transport of 8"x12" PP seedlings by 50 Kms lead -	02-03-010 & 02-03-015	595.79	100 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 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)	02-05-002	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	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	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	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	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

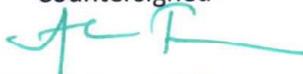
Countersigned

 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	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 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

SOIL SUITABILITY CERTIFICATE

This is to certify that, the non-forest lands identified over an extent of 3.07 ha in Sy.no.781, Racherla village, Peapully Mandal, Kurnool District for Compensatory Afforestation in lieu of proposed for diversion of forest land over an extent of 2.90 ha in Gulamaliabad South RF, Compartment no.313, GA Bad 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], R/o Banaganapalli is **suitable for Raising of plantations with Forestry species.**


Forest Range Officer
Dhone


District Forest Officer,
Kurnool

CERTIFICATE

This is to certify that, the non-forest land identified over an extent of 3.06 ha in Sy.No:781, Racherla village, Peapully Mandal, Kurnool District for Compensatory Afforestation in lieu of proposed for diversion of forest land over an extent of 2.90 ha in Gulamaliabad South RF, Compartment no.313, GA Bad 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], R/o Banaganapalli is contiguous to Jaladurgam Extn-I Reserved Forest, Compartment no.263 and **site is suitable from management and protection point of view.**


Forest Range Officer
Dhone


District Forest Officer,
Kurnool



SHRI HANUMANTHARAYA EDUCATIONAL & CHARITABLE SOCIETY

KRISHI VIGYAN KENDRA

213A

(Farm Science Centre)

(Sponsored by Indian Council of Agricultural Research)

YAGANTIPALLE, Banaganapalle Mandal – 518 124, Kurnool Dt., A.P.

E-mail ID : pendekantikvk@gmail.com

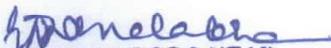
Soil Testing Report

Sample No. : 3878 **Date** : 02-02-2019
Name of the farmer : Y.Bala Thimma Reddy **Village** : Racherla
Mandal : Peapuly **District** : Kurnool

Survey No / Local Name: 781

S. No.	Depth in cm.	Soil Type	Text ure	p ^H	Remarks	EC (dSm ⁻¹)	Remarks	Free CaCo ₃ (Effervescence)
1	0-30	Red Soil	SCL	8.15	Low alkaline	0.265	Normal	Very slight
2	30-60	Red Soil	SCL	8.10	Low alkaline	0.229	Normal	Slight
3	60-90	Red Soil	SCL	7.98	Normal	0.179	Normal	Slight
4	90-120	Red Soil	SCL	8.14	Low alkaline	0.215	Normal	Slight
5	120-150	Red Soil	SCL	8.21	Low alkaline	0.274	Normal	Slight

Recommendation: Suitable for all types of forest trees.


SENIOR SCIENTIST & HEAD
S.H.E. & C.S., KRISHI VIGYAN KENDRA,
YAGANTIPALLE - 518 124.
Banaganapalle (M), Kurnool (Dt.)


Subject Matter Specialist (SS)
S.H.E. & C.S., KRISHI VIGYAN KENDRA
YAGANTIPALLE-518124,
Banaganapalle (M), Kurnool (Dt.)