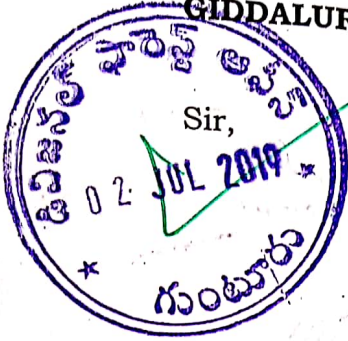


**GOVERNMENT OF ANDHRA PRADESH  
FOREST DEPARTMENT**

From  
Sri.G.Satish, S.F.S.,  
Divisional Forest Officer,  
**GIDDALUR - 523 357.**

To  
The Divisional Forest Officer,  
Guntur Territorial Division,  
**GUNTUR.**

**Rc.No.1001/2018/TA, Dated:28-06-2019.**



Sir,

Sub: APFD - FC Act, 1980 - Proposals for 4.78 Ha of Forest Land in Compt.No.127 of Kondaveedu RF, Ameenabad Beat, Peerecherla (Village), Medikonduru (Mandal), Guntur (District) for extract of Road Metal and building stone in favour of Sri. K.Brahmanda Reddy R/o. Ongole - Identification of CA Land in Giddalur Range of Giddalur Division - Submission of CA Scheme for Approval - Approved by the CF., Guntur - Report - Furnished - Reg.

- Ref:
1. PCCF., A.P., Guntur Rc.No.EFS02/15029/32/2018/ FCA-2/.SEC.PCCF., Dt.05.06.2018.
  2. This Office Rc.No.1001/2018/TA., Dt.30.07.2018.
  3. PCCF., A.P., Guntur Rc.No.EFS02/15029/32/2018/ FCA SEC-PCCF/FCA-2., Dt.13.10.2018
  4. FRO, Giddalur Rc.No.84/2018/Gid. Range., Dt.27.11.2018.
  5. This Office Rc.No.1001/2018/TA., Dt.27.11.2018.
  6. PCCF., A.P., Guntur Rc.No.EFS02/15029/32/2018/ FCA SEC-PCCF/FCA-2., Dt.14.12.2018
  7. DFO, Guntur Rc.No.1821/2016/TO., Dt.20.05.2019.
  8. FRO, Giddalur Rc.No.84/2018/Gid. Range., Dt.25.05.2019.
  9. This Office Rc.No.1001/2018/TA., Dt.29.05.2019.
  10. CF., Guntur Rc.No.2114/2016/TO., Dt.27.06.2019.

&&&

With reference to the 7<sup>th</sup> cited, it is informed that in the reference 9<sup>th</sup> cited, the CA Scheme proposals to the proposed Non-Forest land for CA to an extent of 5.22 Ha in Sy.No.1019 of Allinagaram Village, Komarole Mandal, Prakasam District in lieu of Diversion of 4.78 Ha of Forest Land in Compt.No.127 of Kondaveedu RF, Ameenabad Beat, Peerecherla (Village), Medikonduru (Mandal), Guntur District for extraction of Road Metal and Building stone to a tune of Rs.78.500 lakhs along with relevant datas in (5) sets were submitted to the Conservator of Forests., Guntur with a request to approve the CA Scheme for incorporation in Section 2 proposals of Guntur(T) Division.


Further, it is informed that in the reference 10<sup>th</sup> cited, the Conservator of Forests., Guntur Circle, Guntur has issued instructions that the taking into consideration of the report and recommendations of the Divisional Forest Officer, Giddalur, the scheme proposals are approved subject to fulfilment of all the essentials as contemplated in Prl.CCF, AP, Guntur Rc.No.44798/2013/FM-1, dt.15.01.2014.

Hence, the CA Scheme to a tune of Rs.78.500 lakhs subject to revision of rates and components in future at the time of raising of demand to the user agency is enclosed herewith for information and necessary action.

Encl:-As above.

Yours faithfully,

  
28/6/19  
Divisional Forest Officer (T),  
Giddalur.

  
28/6/2019 28/6/19

Copy submitted to the Conservator of Forests., Guntur Circle, Guntur for favour of kind information.

Copy to Sri.K.Brahmanda Reddy R/o. Ongole for information.



2019

**GOVERNMENT OF ANDHRA PRADESH  
FOREST DEPARTMENT**

10-05-2019

From  
Sri.G.Satish, S.F.S.,  
Divisional Forest Officer,  
GIDDALUR - 523 357.

To  
The Conservator of Forests,  
Guntur Circle,  
GUNTUR.

**Rc.No.1001/2018/TA, Dated:29-05-2019.**

Sir,



Sub: APFD - FC Act, 1980 - Proposals for 4.78 Ha of Forest Land in Compt.No.127 of Kondaveedu RF, Ameenabad Beat, Peerecherla (Village), Medikonduru (Mandal), Guntur (District) for extract of Road Metal and gravel in favour of Sri. K.Brahmanda Reddy R/o. Ongole - Identification of CA Land in Giddalur Range of Giddalur Division - Submission of CA Scheme for Approval - Reg.

- Ref:
1. PCCF., A.P., Guntur Rc.No.EFS02/15029/32/2018/ FCA-2/.SEC.PCCF., Dt.05.06.2018.
  2. This Office Rc.No.1001/2018/TA., Dt.30.07.2018.
  3. PCCF., A.P., Guntur Rc.No.EFS02/15029/32/2018/ FCA SEC-PCCF/FCA-2., Dt.13.10.2018
  4. FRO, Giddalur Rc.No.84/2018/Gid. Range., Dt.27.11.2018.
  5. This Office Rc.No.1001/2018/TA., Dt.27.11.2018.
  6. PCCF., A.P., Guntur Rc.No.EFS02/15029/32/2018/ FCA SEC-PCCF/FCA-2., Dt.14.12.2018
  7. DFO, Guntur Rc.No.1821/2016/TO., Dt.20.05.2019.
  8. FRO, Giddalur Rc.No.84/2018/Gid. Range., Dt.25.05.2019.

&&&

It is submitted that the Prl. Chief Conservator of Forests., A.P., Guntur has informed that the Director, Mines and Geology, A.P., has forwarded the proposals for Diversion of 4.78 Ha of Forest land in Compt.No.127 of Kondaveedu RF, Ameenabad Beat, Medikonduru (Mandal), Guntur (District) for extract of Road Metal and Building stone in favour of Sri. K.Brahmananda Reddy R/o. Ongole for Forest Clearance under Forest (Conservation) Act, 1980.

Further, it is submitted that in lieu of Diversion of Forest area over an extent of 4.78 Ha in Guntur District, the user agency has identified the Non-Forest CA land over an extent of 5.22 Ha in Allinagaram Village, Komarole Mandal of Prakasam District in Giddalur Range jurisdiction of Giddalur (T) Division.

In this connection, it is submitted that in the reference 1<sup>st</sup> cited, the Prl. Chief Conservator of Forests., A.P., Guntur has accorded DGPS Survey over an extent of 12.50 Acres identified in Sy.No.1018 The Details of CA area identified for which the DGPS Survey permission accorded are as follows.

**Contd..... Page - 2**

Sl. No	Village/ Mandal	Beat/ Section	Sy. No	Area in Ha	Land position with respect to RF Lands	Area proposed For C.A in Ha	Remarks
1	2	3	4	5	6	7	8
1	Allinagaram/ Komarole	Allinagaram / Allinagaram	1019	5.22	Enclosure (Maduva RF)	5.22	The Proposed CA area in the Sy.No.1019 is within the enclosure of the Maduva RF which was notified U/s 16 of Madras Act, Proc. Forest No.319, Dt.27-07-1898
		<b>TOTAL:</b>		<b>5.22</b>			

Further, it is submitted that in the reference 2<sup>nd</sup> cited, the DGPS maps along with raw data was submitted to the Prl. Chief Conservator of Forests., A.P., Guntur. In this connection, it is submitted that in the reference 3<sup>rd</sup> cited, the Prl. Chief Conservator of Forests., A.P., Guntur has informed that as reported by the Divisional Forest Officer, Giddalur the Non-Forest land of the subject proposal is within the enclosure of the Maduva RF, but as per available GIS Layers in this office it is within the South Veligonda Extension RF, hence the Divisional Forest Officer, Giddalur is requested to clarify the status of the Non-Forest land in Sy.No.1019 of Allinagaram Village, Komarole mandal, Prakasam District for taking further necessary action in the matter. In this connection, it is submitted that a detailed report was submitted to the Conservator of Forests., Guntur vide reference 5<sup>th</sup> cited stating that the Forest Range Officer, Giddalur has again inspected stating that the Forest Range Officer, Giddalur has again inspected the identified Non-Forest CA land on 22-11.2018; the pattaland falls in an enclosure of Maduva RF as per Block Map, Notification and available records.

Further, it is submitted that the Prl. Chief Conservator of Forests., AP, Guntur has issued instructions vide reference 6<sup>th</sup> cited that after verification and authentication of DGPS raw data by the GIS -III of this office, it was assessed to 5.22 Ha. Further it is submitted that the effective area of 5.22 Ha has been takenup for raising of CA.



Further, it is submitted that in the reference 7<sup>th</sup> cited, the Divisional Forest Officer, Guntur Division, Guntur has requested that the Compensatory Afforestation Scheme in the Non-Forest land for 12.90 Acres in Sy.No.1019 in the enclosure of Maduva RF at Allinagaram Village, Komarole Mandal, Prakasam District which was proposed by Sri.K.Brahmananda Reddy R/o. Ongole through the Conservator of Forests., Guntur with all the relevant documents and information at the earliest for further course of action. In this connection, it is submitted that in the reference 8<sup>th</sup> cited, the Forest Range Officer, Giddalur has submitted CA Scheme in the identified CA area for Rs.78.500 lakhs.

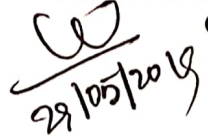
The CA Scheme to a tune of Rs.78.500 lakhs along with relevant datas are enclosed herewith in (5) sets for favour of kind perusal. Hence, it is requested that the Conservator of Forests., Guntur Circle, Guntur may kindly be approve the CA Scheme for incorporation in Section 2 proposals of Guntur(T) Division.

This is submitted for favour of kind information and necessary action.

Encl:-As above.

Yours faithfully,

  
Divisional Forest Officer (T),  
Giddalur.

  
29/05/2019  
Copy to the Divisional Forest Officer, Guntur Division for information.

Copy to Sri.K.Brahmanda Reddy R/o. Ongole for information.

**Map Showing the Applied CA Land Area in Survey No 1019 of Allinagaram village in the Enclosure of Giddalur Range of Giddalur Division. For the favour of Kunam Brahmananada Reddy.**



1:5000



**Surveyed Area 5.22 Ha**

**Legend**

- DGPS Points
- Surveyed Area

ch. deep

S. no	Name	Eastng	Northng	Elevation	Latitude	Longitude
1	ali-7	294934.199620	1682290.635530	317.531	15.20856300	79.09098717
2	ali-8	294976.773035	1682372.035470	314.947	15.20930190	79.09137672
3	ali-9	295022.866291	1682436.501440	318.087	15.20988807	79.09180040
4	ali-10	295043.747502	1682489.187340	319.524	15.21036577	79.09199043
5	ali-11	295079.312607	1682589.870610	318.036	15.21127836	79.09233120
6	ali-12	295078.856984	1682604.154050	319.794	15.21140739	79.09230779
7	ali-13	295014.681116	1682580.876390	318.473	15.21119198	79.09171249
8	ali-14	294987.416058	1682567.148510	317.598	15.21106578	79.09146007
9	ali-15	294944.401515	1682523.161100	318.558	15.21066491	79.09108318
10	ali-16	294894.968562	1682480.528340	315.919	15.21027578	79.09060665
11	ali-17	294842.177496	1682408.421310	313.163	15.20962004	79.09012126
12	ali-18	294727.943811	1682354.431530	309.831	15.20912316	79.08908265
13	ali-19	294696.323176	1682302.213190	308.171	15.20864881	79.08877265
14	ali-20	294712.976204	1682261.933720	314.914	15.20828634	79.08893090

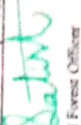
The DGPS/GNSS/RTS data is only verified, the absolute location of Points shall be verified by the concerned field officers.

ation.  
Reddy, Sri Sai Towers,  
or information.  
endent



**Statement Showing the C.A Scheme proposals over an extent of 5.22 Ha in Sy.No.1019 of Allinagaram (V) of Giddalur Division in lieu of Diversion of Forest land for Extraction of Road Metal in favour of Sri.K.Brahmanada Reddy in Guntur Division.**

Sl. No	Name of the work	Unit cost		2020-21		2021-22		2022-23		2023-24		2024-25		2025-26		2026-27		2027-28		2028-29		2029-30		2030-31		2031-32		Amount	
I	Plantations (SMM Method)	Per	Rate			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Raising of Primary beds & Raising of nursery (1000 Nos)	Each	14.00	6858	0.960																								
2	Advance operations	1 Ha	0.5150	5.220	2.688																								
3	Raising of plantations (SMM)	1 Ha	0.8600			5.220	4.489																						
4	Maintenance of Nursery (for planting & replacement casualties in raising year) (20%)	Each	6.5600	6858	0.450																								
5	Raising of nursery for Casualties in 1st year maint. (25%)	Each	15.4000			1451	0.223																						
6	1st year maintenance	1 Ha	0.3900					5.220	2.036																				
7	Maintenance of Nursery (for Casualties in 1st year maint.)	Each	7.150					1451	0.104																				
8	2nd year maintenance	1 Ha	0.3200							5.220	1.670																		
9	3rd year maintenance	1 Ha	0.3500									5.220	1.827																
10	4th year maintenance	1 Ha	0.3870											5.220	2.020														
11	5th year maintenance	1 Ha	0.4260													5.220	2.224												
12	6th year maintenance	1 Ha	0.2900															5.220	1.514										
13	7th year maintenance	1 Ha	0.3190																	5.220	1.665								
14	8th year maintenance	1 Ha	0.3500																		5.220	1.827							
15	9th year maintenance	1 Ha	0.3850																			5.220	2.010						
16	10th year maintenance	1 Ha	0.4300																				5.220	2.245					
Sub-Total>				3.648		5.163		2.140		1.670		1.827		2.020		2.224		1.514		1.665		1.827		2.010		2.245		27.952	
II Chain Link Fencing																													
1	Erection of Chain link fencing around the plantations	1 Rmt	0.01320			1230	16.236																						
2	Salvaging of old chain link for 10 years	1845 Rmt																											
Sub-Total>																													
III Formation/ Maint of approach road to C.A. area				Kms	4.000	3.500	16.236	0.1170		0.1280		0.1410		0.1560		0.1710		0.1880		0.2070		0.2280		0.2510		0.2760		1.863	
Sub Total of Plantation cost						17.648		2.257		1.798		1.968		2.176		2.395		1.702		1.872		2.055		2.261		2.521		14.000	
III SMC works				LS	9.008		0.819		0.819		0.819		0.819		0.819		0.819		0.819		0.819		0.819		0.819		66.051		
Sub-Total>						0.000		0.819		0.819		0.819		0.819		0.819		0.819		0.819		0.819		0.819		0.819		9.008	
IV Monitoring and Evaluation 5% of the total planting Cost				LS	3.003		0.273		0.273		0.273		0.273		0.273		0.273		0.273		0.273		0.273		0.273		3.003		
Sub-Total>						0.000		0.273		0.273		0.273		0.273		0.273		0.273		0.273		0.273		0.273		0.273		3.003	
V Administrative Cost @ 10% of the total planting Cost				LS	6.005	0.000	0.546		0.546		0.546		0.546		0.546		0.546		0.546		0.546		0.546		0.546		6.005		
Sub-Total>						0.414		0.000		0.546		0.546		0.546		0.546		0.546		0.546		0.546		0.546		0.546		6.005	
Grand Total>>>						18.082		23.036		3.436		3.606		3.814		4.032		3.340		3.510		3.693		3.898		4.158		78.680	

  
 Forest Range Officer  
 Giddalur  
 23/5/2019

**Statement Showing the C.A Scheme proposals over an extent of 5.22 Ha in Sy.No.1019 of Allinagaram  
(V) of Giddalur Division  
in lue of Diversion of Forest land for Extraction of Road Metal in favour of Sri.K.Brahmanada**

Sl. No.	Name of the work	Quantity in Ha/ Rmt	Unit Cost	Amount (in Lakhs)	Remarks
<b>I</b>	<b>Plantations</b>				
1	Raising of Primary beds & Raisng of nursery	6858	14.000	0.960	
2	Advance operations	5.22	0.515	2.688	
3	Raising of plantations	5.22	0.860	4.489	
4	Maintenance of Nursery (for planting & replacement casulities in raising year)	6858	6.560	0.450	
5	Raising of nursery for Casualities in 1st year maint.	1451	15.400	0.223	
6	1st year maintenance	5.22	0.390	2.036	
7	Maintenance of Nursery (for Casualities in 1st year maint.)	1451	7.150	0.104	
8	2nd year maintenance	5.22	0.320	1.670	
9	3rd year maintenance	5.22	0.350	1.827	
10	4th year maintenance	5.22	0.387	2.020	
11	5th year maintenance	5.22	0.426	2.224	
12	6th year maintenance	5.22	0.290	1.514	
13	7th year maintenance	5.22	0.319	1.665	
14	8th year maintenance	5.22	0.350	1.827	
15	9th year maintenance	5.22	0.385	2.010	
16	10th year maintenance	5.22	0.430	2.245	
	<b>Sub Total</b>			<b>27.952</b>	
<b>II</b>	<b>Chain Link Fencing</b>				
1	Errection of Chain link fencing around the plantations	1230	0.0132	16.236	
2	Salvaging of old chain link. for 10 years	1845	--	1.863	
	<b>Sub Total</b>			<b>18.099</b>	
<b>III</b>	<b>Formation/ Maint of approach road to CA area</b>	<b>3.50</b>	<b>4.000</b>	<b>14.000</b>	
	<b>Total cost of Plantation</b>			<b>60.051</b>	
<b>IV</b>	<b>SMC Works (15%of the total planting Cost)</b>	<b>5.22</b>	<b>--</b>	<b>9.008</b>	
	<b>Sub Total</b>			<b>9.008</b>	
<b>V</b>	<b>Monitoring and Evaluation 5% of the total planting Cost</b>	<b>5.22</b>	<b>--</b>	<b>3.003</b>	
<b>VI</b>	<b>Administrative Cost @ 10% of the total planting Cost)</b>	<b>5.22</b>	<b>--</b>	<b>6.005</b>	
	<b>For Rounded</b>			<b>0.434</b>	
	<b>Grand Total:</b>			<b>78.500</b>	

*B.S.K. Ji*  
Forest Range Officer  
Giddalur

*[Signature]*  
Divisional Forest Officer (T)  
Giddalur  
*CO*  
*28/5/2018*



**Standard Unit Cost for Raising of Primary Beds Nursery Unit cost for Each Seedling in Giddalur  
Division of Guntur Circle.**

(As per FSR 2019-20)

Sl. No	Qty.	Details of work	FSR item No.	Per	Rate	Amount
	(1)	(2)	(3)	(4)	(5)	(6)
		<b>Raising of Primary beds of size 1X1X0.3 m for raising Eucalyptus, Bamboo and other misc., species</b>				
1	1100 Nos.	Preparation of Old site - by clearing the site by dismantling old beds.	01-02-002	1.48	Bed/ 333 Nos.	4.89
2	1100 Nos.	Digging soil to a depth of 30 cm	01-02-003	43.83	Bed/ 333 Nos.	144.78
3	1100 Nos.	Cost of sandy soil 50% of dugged quantity and transportation taken from private lands, with 5 kms lead loading and unloading charges by manual means (Sandy soil and FYM. in 5:1 proportion) 0.125 cum per bed	01-02-004	35.94	Bed/ 333 Nos.	118.72
4	1100 Nos.	Cost and transport of Farm yard manure (Sandy soil and FYM. in 5:1 proportion) 0.025 cum per bed	01-02-005 & 01.03.005	75.00	Cum	247.75
5	1100 Nos.	Preparation of soil mixture of red earth, sand and farm yard manure in 5:1 proportion and formation of bed by refilling the excavated portion of the bed and filling of bed.	01-02-006	12.25	Bed/ 333 Nos.	40.47
6	1100 Nos/ 6.30 Kgs	Cost of seed Nallamaddi @ Rs.109.53/Kg. 175 seedlings per Kg seed	01-02-007	109.53	Kg	690.04
7	1100 Nos.	Sowing of seed and covering the bed with hay including cost and conveyance to a thickness of 2.5 cm.	01-02-008	13.92	Bed/ 333 Nos.	45.98
8	1100 Nos./ 2 months	Watering the primary nursery beds with rose water cans for a maximum period of 2 months. <u>Note:</u> Watering the primary beds beyond 2 months especially in the case of North-East monsoon areas prior approval of the CF concerned is required.	01-02-009	15.63	Bed/ 333 Nos/ month	103.26
9	1100 Nos./ 2 times	Weeding the primary beds maximum of 2 times <u>Note:</u> Weeding the primary beds more than 2 times prior approval of the CF concerned is required.	01-02-010	2.34	Bed/ 333 Nos/ time	15.46
10	1100 Nos.	Contingences such as cost of pipes, nursery board, electricity bills etc - 10% of estimate cost	01-05-038			106.69
		<b>Sub Total</b>				<b>1518.04</b>
		<b>Raising of Nursery</b>				
		<b>Raising of Bag plant nursery in Polythene bags of different sizes and arranging in beds (Bed size 10Mx1M)</b>				
11	1100 Nos.	Site preparation for old site - Clearing of growth, weeds, grass etc.	01-05-002	14.98	Bed/ 1100	14.98
		<b>Cost and transport of ingredients for Potting mixture Red Soil and Clayey Soil in 2:1 ratio as per CSSR 2011-12</b>				
12	1100 Nos.	30 cm X 30 cm (8" X 12") 3.82 cum.	01-05-006	1100.15	1000	1210.17
		<b>Preparation of potting mixture Red Soil and Clayey Soil in 2:1 ratio by powdering of various ingredients, sieving and mixing them in the prescribed proportion, Opening the bags and filling with potting mixture and gently pressing the same with finger tips and arranging in beds.</b>				
13	1100 Nos.	30 cm X 30 cm (8" X 12") 3.82 cum.	01-05-012	3190.25	1000	3509.28

Sl. No	Qty.	Details of work	FSR item No.	Per	Rate	Amount
	(1)	(2)	(3)	(4)	(5)	(6)
14	1150 Nos./ 10 Kgs	Cost of polythene bags (@ 115 Nos./Kg) (CFs, Guntur Rc.No.2645/2018-TO, Dt. 01.10.2018.)	01-05-015	127.80	Kg	1278.00
15	1100 Nos.	Picking out seedlings from primary beds and transplanting in bags.	01-05-016	158.77	1000	174.65
16	1000 Nos./ 5 months	Watering the plants twice a day for 10 m X 1 m size bed (2600-4"X7" bags; 1700-5"X9" bags ; 1100-6"X12" bags and 800-8"X12" bags)	01-05-020	366.83	Bed/ 1100/ month	1667.41
17	1000 Nos./ 2 times	Weeding only two times for 10 m X 1 m size bed (2600 -4" X 7" bags; 1700-5" X9" bags ; 1100-6"X12" bags and 800-8"X12" bags)	01-05-022	56.57	Bed/ 1100/ weeding	102.85
18	1000 Nos./ 1 time	Shifting and grading and re-arranging in beds for 10mx1m size bed (8"X12" bags-800 Nos) only once.	01.05.023	259.36	Bed/ 1100/ shifting	235.78
19		Cost of chemicals, insecticides, pesticides etc.,	01-05-025	Actuals		350.00
20	1000 Nos./	Cost of cow dung slurry	01-05-033	As per actuals		800.00
21	1000 Nos./ 1 time	Application of cow dung slurry at the rate of 100 ml to 250 ml. per plant depending upon the size of the plant monthly twice maximum of 3 times. (Once in raising and 2 times in maintenance) <u>Note:</u> Watering should not be done 12 hours before and after application of cow dung slurry.	01-05-034	234.98	1000/ time	234.98
22	1000 Nos./ 25 Rmt	<u>Brush wood fencing around the Nursery Site:</u> Thorny fencing with sturdy thorn material of 10 cm. girth (at the butt end) and fixing in crow bar holes and strengthening with stone packing. The average height of fence should be 1.5m and fenceing material should be fixed in 2 rows (staggered) at 30cm. apart. The fence should be tightened horizontally by tying with thorny reepers on both sides. With specific permission of DFO.	01.05.039	31.88	Rmt	797.00
23	1000 Nos	Contingencies/ Cost of pipes/ Nursery board/ Nursery implements/ Electricity bill/ Running and maintenance charges of oil engine (Bills to be verified and certified by the ACF/DFO) etc.	01-05-038	Subject to maximum of 10% of estimate cost during raising year.		320.00
24	1000 Nos./ 5 months	Cost of Protection. 1 watcher is allowed upto 100 beds nursery under all the schemes and more than 100 beds 1 more watcher is allowed (Average 100 beds one protection watcher) (26 days/month).	01-05-041	397.00	Per day	516.10
		<b>Sub Total Bag nursery</b>				<b>11211.19</b>
		<b>Grand Total</b>				<b>12729.23</b>

Rate for 2019-20 Rs. 12729 Per 1000 nos

Add 10% for 2020-21 14002 Ha (or) 14.00 Each seedling for Raising plan.

**1st year maintenance**

Rate for 2019-20 12729 Per 1000 nos

Add 10% for 2020-21 14002 Per 1000 nos

Add 10% for 2021-22 15402 Per 1000 nos 15.40 Each seedling for 1st year maint

*B.S.K. Pi*  
Forest Range Officer  
Giddalur

*G. Satish*  
Divisional Forest Officer (T)  
Giddalur  
23/5/2019



**Standard Unit Cost for Maintenance of 8"x12" Bag Plants Unit cost for Each Seedling in Giddalur Division of Guntur Circle (As per FSR 2019-20)**

Sl. no.	Qty	Item of work	FSR item no.	Rate	Per bag	Amount in Rs.
1	2	3	4	5	6	7
		<b>Maint.of bag nursery from April to July</b>				
1	1000 Nos./ 4 months	Watering the plants for 10 m X 1 m size bed (2600-4"x7" bags; 1700-5"x9" bags ; 1100-6"x12" bags and 800-8"x12" bags) <b>Note:</b> Any watering beyond July in case of South-West monsoon and beyond October in case of North-East monsoon is to be allowed with prior permission of concerned CF.	01-05-028	366.83	Bed/ 1100/ month	1333.93
2	1000 Nos./ 4 times	Weeding maximum four times during maintenance year for 10mx1m size bed (2600-4"x7" bags; 1700-5"x9" bags; 1100-6"x12" bags and 800-8"x12" bags)	01-05-030	56.57	Bed/ 1100/ weeding	205.71
3	1000 Nos./ 2 times	Shifting and Grading and re-arranging in beds for 10 m X1 m size bed maximum two shifts (8"x12" bags-800 Nos) <b>Note:</b> More than 2 shifts is to be allowed with the prior permission of the concerned CF.	01-05-031	259.36	Bed/ 1100/ shifting	471.56
4	1000 Nos./ 2 times	Cost of cow dung slurry	01-05-033	As per actuals		500.00
5	1000 Nos./ 2 times	Application of cow dung slurry at the rate of 100 ml to 250 ml. per plant depending upon the size of the plant monthly twice maximum of 3 times. (Once in raising and 2 times in maint.) <b>Note:</b> Watering should not be done 12 hours before and after application of cow dung slurry.	01-05-034	234.98	1000/ time	469.96
		<b>Maintenance of bag nursery from August onwards till disposal</b>				
6	1000 Nos./ 4 months	Watering the plants for 10mX1m size bed (2600-4"x 7" bags; 1700-5"x9" bags; 1100-6"x12" bags and 800-8"x12" bags)	01-05-035	146.75	Bed/ 1100/ month	452.18
7	1000 Nos./ 2 times	Shifting and grading and re-arranging in beds for 10 m X1 m size bed (2600-4"x7" bags; 1700-5" X9" bags ; 1100-6"x12" bags and 800-8"x12" bags) with prior permission of CF.	01-05-037	311.93	Bed/ 1100/ shifting	480.58
8	1000 Nos.	Contingencies/ Cost of pipes/ Nursery board/ Nursery implements/ Electricity bill/ Running and maintenance charges of oil engine (Bills to be verified and certified by the ACF/DFO) etc.	01-05-038	Subject to maximum of 5% of the estimate cost during maint year		365.00
9	1000 Nos./ 25 Rmt	Maintenance of brushwood fencing	01-05-040	10.64	Rmt	266.00
10	1000 Nos./ 8 months	Cost of Protection. 1 watcher is allowed upto 100 beds nursery under all the schemes and more than 100 beds 1 more watcher is allowed ( As per Collector wage rates) (Average 50 beds one protection watcher) (26 days/month).	01-05-041	397.00	Per day	825.76
		<b>Total :</b>				<b>5370.68</b>

**FOR NTHWS PLANTATIONS**

for 2019-20 Unit cost per 1000 Nos	5370.68		
Add 10% for 2020-21	5907.75		
Add 10% for 2021-22	6498.52	6.50	Maint.in raising year
Add 10% for 2022-23	7148.38	7.15	for 1st year maint.

*B.S.L.C. Gt*  
Forest Range Officer  
Giddalur

*G. Satish*  
Divisional Forest Officer (T)  
Giddalur

*CO*  
*29/5/2019*

**Standard Unit Cost for Advance Operations Unit cost for 1 Ha in Giddalur Division of Guntur Circle (As per FSR 2019-20)**

Sl. No	Qty.	Details of work	FSR item No.	Rate	Unit	Amount
	(1)	(2)	(3)	(4)	(5)	(6)
		<b>Advance operations (Preplanting operations)</b>				
1	1	Survey with GPS (Only staff to carry out. One manday is allowed for assistance) Wage rate fixed by the Dist.Collector per day	02-05-001	397.00	Day	397.00
		<b>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.</b>				
3	1	Medium Jungle Growth (>30% ground area covered with Jungle growth)	02-05-005	9305.63	Ha	9305.63
4	200	Formation of sector lines/ inspection paths/ fire lines of a width of 3m by giving surface treatment (sector to be in conformity with slope direction ). All stumps to be cut to ground level. Applicable for plantations other than SMM	02-05-006	6.56	Rmt	1312.00
		<b>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.</b>				
6	1	Medium Jungle Growth (>30% ground area covered with Jungle growth)	02-05-010	23502.07	Ha	23502.07
		<b>Collection and removal of uprooted stumps of all sizes, other debris etc., to outside the plantation site.</b>				
8	1	Medium Jungle Growth (>30% ground area covered with Jungle growth)	02-05-014	12155.33	Ha	12155.33
9		Contingencies				146.15
		<b>Total Cost</b>				<b>46818.18</b>

Unit cost for 2019-20      46818.18      Per Ha  
Add 10% for 2020-21      51500.00      per Ha

*B.S.L. Gh*  
Forest Range Officer  
Giddalur

*g Satish*  
Divisional Forest Officer (T)  
Giddalur  
*CO*  
*28/5/2019*



**Standard Unit Cost for Raising of NTSH Plantations under SMM Method for NTSH & Red Sanders Unit  
cost for 1 Ha in Giddalur Division of Guntur Circle (As per FSR 2019-20)**

SL No.	Qty.	Description of work with detailed specifications	FSR Code	Rate in Rs.	Per/Unit	Amount
		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)				
1	1.00	Hard /Gravelly Soils	02-05-020	6035.44	Ha	6035.44
2	1.00	Removing congestion of root suckers and other uprooted material hindering the effective ploughing (For non-tilled areas only)	02-05-024	1034.60	Ha	1034.60
		Alignment & Staking				
3	1111	Alignment and staking including laying base line for Misc species with espacement 3mX3m (1111 Nos)	02-06-003	89.88	100 Nos	998.57
4	1111	Cost of 0.45M Stake preparation and transportation to site.	02-06-005	58.52	100 Nos	650.16
		Transport of Bag plants / Root trainer plants from nursery site to plantation site including loading and unloading upto 5 Km lead				
5	1111	20X30cm (8"X12") bag plants	02-06-010	275.63	100 Nos	3062.25
		Transport of Bag plants / Root trainer plants from nursery site to plantation site including loading and unloading beyond 5 Km - extra for every each Km average lead 45 Km				
6	1111	20X30cm (8"X12") bag plants	02-06-015	484.20	100 nos/ km	5379.46
		Internal transport of bag plants/root trainers to planting points on head loads.				
7	1111	20X30cm (8"X12") bag plants	02-06-019	152.55	100 Nos	1694.83
		Digging of pits in ploughed areas				
8	1111	Digging of 45 cm. cube pits	02-06-027	9.88	Each	10976.68
		Application of Fertilizers				
9		Cost of Chemical fertilisers (50 grm SSP for basal dressing, 20 grm DAP after planting for 30 cm <sup>3</sup> & 45 cm <sup>3</sup> pits).	02-06-031		As per actuals	
	56.00	a) Cost of SSP @ 50 Grams/Pit - 56Kgs/Ha		20.00	Kg	1120.00
	22.00	a) Cost of DAP @ 20 Grams/Pit - 22 Kgs/Ha		40.00	Kg	880.00
10	1111	Application of fertilizer after planting by making 3 holes of 10 cms depth with crow bar . 10 cms away from plant and putting fertilizers and closing	02-06-032	42.21	100 Nos	468.95
		Planting bag plants				
11	1111	45cmX45cmX45 cm pits	02-06-034	469.93	100 Nos	5220.92
12		Replacement of Casualties 20% during raising year	02-06-036			
	222	a) Reopening of pits		494.00	100 Nos	1096.68
	222	b) Transport of bag plants over 50 Km		759.83	100 Nos	1686.82
	222	c) Internal transport		152.55	100 Nos	338.66
	222	d) Planting		469.93	100 Nos	1043.24
		Weeding & Soil working				
13	1111	Circular weeding cum deep soil working to a radius of 0.5 m and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil around the plant to 10 cm wide but weeding that part of area by hand and formation of saucer in hard gravellary soils.	02-06-041	704.91	100 Nos	7831.55
		Inter ploughing				
14	1.00	Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils	02-06-045	4023.03	Ha	4023.03
15	200	Creation of sectorlines/inspection paths/ fire lines 3 mts wide around the plantation	02-06-049	6.56	Rmt	1312.00
16	1 No./ 8 months	Cost of Protection. One watcher is allowed for 20 Ha plantation. If the area is less prior approval of Circle Head is required. Wage rate fixed by the Dist. Collector per day.	02-06-053	397.00	Day	4128.80
17		Contingencies for enumeration of survivals, fixing 10th line stones, cost of numbering with paint/ white washing, sector stones, plantation boards, journals etc.	02-06-056		As per actuals subject to maximum of 10% of estimate cost during raising year	5630.43
		<b>Total cost</b>				<b>64613.08</b>

Unit cost for 2019-20  
Add 10% for 2020-21  
Add 10% for 2021-22  
Add 10% for 2022-23

64613.08  
71074.39  
78181.83  
86000.01

Forest Range Officer  
Giddalur

Divisional Forest Officer (T)  
Giddalur

28/5/2018

**Standard Unit Cost for 1st Year Maintenance of NTSH Plantations under SMM Method for NTSH & Red Sanders Unit cost for 1 Ha in Giddalur Division of Guntur Circle (As per FSR 2019-20)**

Sl. No	Qty	Details of work	FSR Item No.	Per	Unit	Rate
	(1)	(2)	(3)	(4)	(5)	(6)
		<b>1st YEAR MAINTENANCE OF PLANTATIONS IN OTHER THAN SANDY SOILS:</b>				
1		Replacement of Casualties 25% in 1st year maint.	02-07-001			
	278	a) Reopening of pits		988.00	100 Nos	2746.64
	278	b) Transport of bag plants over 50 Km		759.83	100 Nos	2112.33
	278	c) Internal transport		152.55	100 Nos	424.09
	278	d) Planting		469.93	100 Nos	1306.41
		<b>Application of Fertilizers</b>				
2		Cost of Chemical fertilisers (50 grm SSP for basal dressing, 20 grm DAP for replacement of casualties).	02-07-002		As per actuals	
3	14.00	a) Cost of SSP @ 50 Grams/Pit - 14 Kgs/Ha		20.00	Kg	280.00
4	6.00	a) Cost of DAP @ 20 Grams/Pit - 6 Kgs/Ha		40.00	Kg	240.00
5	278	Application of fertilizer after planting by making 3 holes of 10 cmts depth with crow bar. 10 cmts away from plant and putting fertilizers and closing	02-07-003	42.21	100 Nos	117.34
		<b>Inter ploughing</b>				
6	1.00	Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils	02-07-007	4023.03	Ha	4023.03
7	1111	Circular weeding cum deep soil working to a radius of 0.5 m and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil around the plant to 10 cm wide but weeding that part of area by hand and formation of saucer in hard gravellary soils.	02-07-011	704.91	100 Nos	7831.55
8	200	Creation of Fire lines 3 mts wide	02-07-014	6.56	Rmt	1312.00
9	1111	Pruning of lower foliage/ branches of NTFP species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3rd height.	02-07-015	133.42	100 Nos	1482.30
10	1 No./ 12 months	Cost of Protection. One watcher is allowed for 20 Ha plantation. If the area is less prior approval of Circle Head is required. Wage rate fixed by the Dist. Collector per day	02-07-017	397.00	Day	6193.20
11		Contingencies for Enumeration of survivals in plantation including cost of paints, replacement of broken stones, plantation boards etc.	02-07-018		As per actuals subject to maximum of 5% of estimate cost during maint. year	1232.40
		<b>Total Cost</b>				<b>29301.28</b>

Unit cost for 2019-20 29301.28

Add 10% for 2020-21 32231.41

Add 10% for 2021-22 35454.55

Add 10% for 2022-23 39000.01 Ha

*B.S.K. H*  
Forest Range Officer  
Giddalur

*g Satish*  
Divisional Forest Officer (T)  
Giddalur

*29/1/2019*



**Standard Unit Cost for 2nd Year Maintenance of NTSH Plantations under SMM Method for NTSH & Red Sanders Unit cost for 1 Ha in Giddalur Division of Guntur Circle (As per FSR 2019-20)**

Sl.No	Qty	Details of work	FSR Item No.	Per	Unit	Rate
	(1)	(2)	(3)	(4)	(5)	(6)
		<b>2nd YEAR MAINTENANCE OF PLANTATIONS IN OTHER THAN SANDY SOILS/SEMI MECHANICAL METHOD:</b>	<b>02-08 :</b>			
1	1111	Circular weeding cum deep soil working to a radius of 0.5 m and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil around the plant to 10 cm wide but weeding that part of area by hand and formation of saucer in hard gravellary soils.	02-08-004	704.91	100 Nos	7831.55
		<b>Inter ploughing</b>				
2	1.00	Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils	02-08-008	4023.03	Ha	4023.03
3	200	Creation of sectorlines/inspection paths/ fire lines 3 mts wide around the plantation	02-08-012	6.56	Rmt	1312.00
4	1 No./ 12 months	Cost of Protection. One watcher is allowed for 20 Ha plantation. If the area is less prior approval of Circle Head is required. Wage rate fixed by the Dist.Collector per day	02-08-014	397.00	Day	6193.20
5	1111	Pruning of lower foliage/ branches of NTFP species like kanuga, Neem, Usiri, Scethaphal etc., plants upto 1/3rd height.	02-08-015	133.42	100 Nos	1482.30
6		Contingencies for Enumeration of survivals in plantation including cost of paints, replacement of broken stones, plantation boards etc.	02-08-016	As per actuals subject to maximum of 5% of estimate cost during maint. year		1014.50
		<b>Total Cost</b>				<b>21856.58</b>

Unit Cost for 2019-20 21856.58  
Add 10% For 2020-21 24042.23  
Add 10% for 2021-22 26446.46  
Add 10% for 2022-23 29091.00  
Add 10% for 2023-24 32000.00 Ha

*B.S.K. Ji*  
Forest Range Officer  
Giddalur

*[Signature]*  
Divisional Forest Officer (T)  
Giddalur  
*CO*  
*29/5/19*

**Standard Unit Cost for 3rd Year Maintenance of NTSH Plantations under SMM Method for NTSH & Red Sanders Unit cost for 1 Ha in Giddalur Division of Guntur Circle (As per FSR 2019-20)**

Sl. No	Qty	Details of work	FSR Item No.	Per	Unit	Rate
	(1)	(2)	(3)	(4)	(5)	(6)
1	1111	Circular weeding cum deep soil working to a radius of 0.5 m and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil around the plant to 10 cm wide but weeding that part of area by hand and formation of saucer in hard gravellary soils.	02-09-002	704.91	100 Nos	7831.55
		<b>Inter ploughing</b>				
2	1.00	Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils	02-09-006	4023.03	Ha	4023.03
3	200	Creation of sectorlines/inspection paths/ fire lines 3 mts wide around the plantation	02-09-008	6.56	Rmt	1312.00
4	1 No./ 12 Months	Cost of Protection. One watcher is allowed for 20 Ha plantation. If the area is less <b>prior approval of Circle Head</b> is required. Wage rate fixed by the Dist.Collector per day	02.09.009	397.00	Day	6193.20
5	1111	Pruning of lower foliage/ branches of NTFP species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3rd height.	02-09-010	133.42	100 Nos	1482.30
6		Contingencies for Enumeration of survivals in plantation including cost of paints, replacement of broken stones, plantation boards etc.	02-09-012	As per actuals subject to maximum of 5% of estimate cost during maint. year		889.00
<b>Total Cost</b>						<b>21731.08</b>

Unit Cost for 2019-20 21731.08

Add 10% For 2020-21 23904.18

Add 10% for 2021-22 26295.00

Add 10% for 2022-23 28925.00

Add 10% for 2023-24 31818.00

Add 10% for 2024-25 35000.00 Ha

  
Forest Range Officer  
Giddalur

  
Divisional Forest Officer (T)  
Giddalur  




**Standard Unit Cost for 4th Year Maintenance of NTSH Plantations under SMM Method for NTSH & Red Sanders Unit cost for 1 Ha in Giddalur Division of Guntur Circle (As per FSR 2019-20)**

Sl. No	Qty	Details of work	FSR Item No.	Rate	Per	Amount
	(1)	(2)	(3)	(4)	(5)	(6)
		<b>4th YEAR YEAR MAINTENANCE OF PLANTATIONS IN OTHER THAN SANDY SOILS:</b>				
1	1111	Circular weeding cum deep soil working to a radius of 0.5 m and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil around the plant to 10 cm wide but weeding that part of area by hand and formation of saucer in hard gravellary soils.	02-09-002	704.91	100 Nos	7831.55
		<b>Inter ploughing</b>				
2	1.00	Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils	02-09-006	4023.03	Ha	4023.03
3	200	Creation of sectorlines/inspection paths/ fire lines 3 mts wide around the plantation	02-10-001	6.56	Rmt	1312.00
4	1 No./ 12Months	Cost of Protection. One watcher is allowed for 20 Ha plantation. If the area is less <b>prior approval of Circle Head</b> is required. Wage rate fixed by the Dist.Collector per day	02-10-002	397.00	Day	6193.20
5	1111	Pruning of lower foliage/ branches of NTFP species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3rd height.	02-10-003	133.42	100 Nos	1482.30
6		Contingencies for Enumeration of survivals in plantation including cost of paints, replacement of broken stones, plantation boards etc.	02-10-004	As per actuals subject to maximum of 5% of estimate cost during maint. year		1003.00
		<b>Total Cost</b>				<b>21845.08</b>

Unit Cost for 2019-20	21845.00	Ha
Add 10% For 2020-21	24030.00	Ha
Add 10% for 2021-22	26433.00	Ha
Add 10% for 2022-23	29076.00	Ha
Add 10% for 2023-24	31984.00	Ha
Add 10% for 2024-25	35182.00	Ha
Add 10% for 2025-26	<b>38700.00</b>	<b>Ha</b>

*B.H.L. Ji*  
Forest Range Officer  
Giddalur

*G. Satish*  
Divisional Forest Officer (T)  
Giddalur  
*CO*  
*28/5/19*

**Standard Unit Cost for 5th Year Maintenance of NTSH Plantations under SMM Method for NTSH & Red Sanders Unit cost for 1 Ha in Giddalur Division of Guntur Circle (As per FSR 2019-20)**

Sl. No	Qty	Details of work	FSR Item No.	Rate	Per	Amount
	(1)	(2)	(3)	(4)	(5)	(6)
		<b>5th YEAR MAINTENANCE OF PLANTATIONS IN OTHER THAN SANDY SOILS:</b>				
1	1111	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 at around the plant to 10 cm wide but weeding that part of area by hand and formation of saucer in hard gravellary soils.	02-09-002	704.91	100 Nos	7831.55
		<b>Inter ploughing</b>				
2	1.00	Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils	02-09-006	4023.03	Ha	4023.03
3	200	Creation of sectorlines/inspection paths/ fire lines 3 mts wide around the plantation	02-11-001	6.56	Rmt	1312.00
4	1 No./ 12Months	Cost of Protection. One watcher is allowed for 20 Ha plantation. If the area is less prior approval of Circle Head is required. Wage rate fixed by the Dist. Collector per day	02-10-002	397.00	Day	6193.20
5	1111	Pruning of lower foliage/ branches of NTFP species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3rd height.	02-11-002	133.42	100 Nos	1482.30
6		Contingencies for Enumeration of survivals in plantation including cost of paints, replacement of broken stones, plantation boards etc.	02-11-003	As per actuals subject to maximum of 5% of estimate cost during maint. year		1017.00
		<b>Total Cost</b>				<b>21859.08</b>

Unit Cost for 2019-20	21859.00	Ha
Add 10% For 2020-21	24045.00	Ha
Add 10% for 2021-22	26450.00	Ha
Add 10% for 2022-23	29095.00	Ha
Add 10% for 2023-24	32005.00	Ha
Add 10% for 2024-25	35206.00	Ha
Add 10% for 2025-26	38727.00	Ha
Add 10% for 2026-27	42600.00	Ha

*B.S.K. G*  
Forest Range Officer  
Giddalur

*G. Satish*  
Divisional Forest Officer (T)  
Giddalur  
*CO*  
*29/5/24*



**Standard Unit Cost for 6th Year Maintenance of NTSH Plantations under SMM Method for NTSH & Red Sanders Unit cost for 1 Ha in Giddalur Division of Guntur Circle (As per FSR 2019-20)**

Sl. No	Qty	Details of work	FSR Item No.	Rate	Per	Amount
	(1)	(2)	(3)	(4)	(5)	(6)
		<b>6th YEAR MAINTENANCE OF PLANTATIONS IN OTHER THAN SANDY SOILS:</b>				
		<b>Inter ploughing</b>				
1	1.00	Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils	02-09-006	4023.03	Ha	4023.03
2	200	Creation of sectorlines/inspection paths/ fire lines 3 mts wide around the plantation	02-12-001	6.56	Rmt	1312.00
3	1 No./ 12Months	Cost of Protection. One watcher is allowed for 20 Ha plantation. If the area is less prior approval of Circle Head is required. Wage rate fixed by the Dist.Collector per day	02-10-002	397.00	Day	6193.20
4	1111	Pruning of lower foliage/ branches of NTFP species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3rd height.	02-12-002	133.42	100 Nos	1482.30
5		Contingencies for Enumeration of survivals in plantation including cost of paints, replacement of broken stones, plantation boards etc.	02-12-003	As per actuals subject to maximum of 5% of estimate cost during maint. year		517.00
		<b>Total Cost</b>				<b>13527.53</b>

Unit Cost for 2019-20	13528.00	Ha
Add 10% For 2020-21	14881.00	Ha
Add 10% for 2021-22	16369.00	Ha
Add 10% for 2022-23	18006.00	Ha
Add 10% for 2023-24	19807.00	Ha
Add 10% for 2024-25	21788.00	Ha
Add 10% for 2025-26	23967.00	Ha
Add 10% for 2026-27	26364.00	Ha
Add 10% for 2027-28	<b>29000.00</b>	Ha

*B.S.K. Pi*  
Forest Range Officer  
Giddalur

*g Satish*  
Divisional Forest Officer (T)  
Giddalur  
*CO*  
*29/5/19*

Standard Unit Cost for 7th Year Maintenance of NTSH Plantations under SMM Method for NTSH & Red Sanders Unit cost for 1 Ha in Giddalur Division of Guntur Circle (As per FSR 2019-20)

Sl. No	Qty	Details of work	FSR Item No.	Rate	Per	Amount
	(1)	(2)	(3)	(4)	(5)	(6)
		<b>7th YEAR MAINTENANCE OF PLANTATIONS IN OTHER THAN SANDY SOILS:</b>				
		Inter ploughing				
1	1.00	Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils	02-09-006	4023.03	Ha	4023.03
2	200	Creation of sectorlines/inspection paths/ fire lines 3 mts wide around the plantation	02-13-001	6.56	Rmt	1312.00
3	1 No./ 12Months	Cost of Protection. One watcher is allowed for 20 Ha plantation. If the area is less prior approval of Circle Head is required. Wage rate fixed by the Dist. Collector per day	02-10-002	397.00	Day	6193.20
4	1111	Pruning of lower foliage/ branches of NTFP species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3rd height.	02-13-002	133.42	100 Nos	1482.30
5		Contingencies for Enumeration of survivals in plantation including cost of paints, replacement of broken stones, plantation boards etc.	02-13-003	As per actuals subject to maximum of 5% of estimate cost during maint. year		517.00
		<b>Total Cost</b>				<b>13527.53</b>

Unit Cost for 2019-20	13528.00	Ha
Add 10% For 2020-21	14881.00	Ha
Add 10% for 2021-22	16369.00	Ha
Add 10% for 2022-23	18006.00	Ha
Add 10% for 2023-24	19807.00	Ha
Add 10% for 2024-25	21788.00	Ha
Add 10% for 2025-26	23967.00	Ha
Add 10% for 2026-27	26364.00	Ha
Add 10% for 2027-28	29000.00	Ha
Add 10% for 2028-29	31900.00	Ha

*B.H. G.*  
Forest Range Officer  
Giddalur

*G. Satish*  
Divisional Forest Officer (T)  
Giddalur

*W*  
*29/5/19*



**Standard Unit Cost for 8th Year Maintenance of NTSH Plantations under SMM Method for NTSH & Red Sanders Unit cost for 1 Ha in Giddalur Division of Guntur Circle (As per FSR 2019-20)**

Sl. No	Qty	Details of work	FSR Item No.	Rate	Per	Amount
	(1)	(2)	(3)	(4)	(5)	(6)
		<b>8th YEAR MAINTENANCE OF PLANTATIONS IN OTHER THAN SANDY SOILS:</b>				
		<b>Inter ploughing</b>				
1	1.00	Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils	02-09-006	4023.03	Ha	4023.03
2	200	Creation of sectorlines/inspection paths/ fire lines 3 mts wide around the plantation	02-14-001	6.56	Rmt	1312.00
3	1 No./ 12Months	Cost of Protection. One watcher is allowed for 20 Ha plantation. If the area is less prior approval of Circle Head is required. Wage rate fixed by the Dist.Collector per day	02-10-002	397.00	Day	6193.20
4	1111	Pruning of lower foliage/ branches of NTFP species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3rd height.	02-14-002	133.42	100 Nos	1482.30
5		Contingencies for Enumeration of survivals in plantation including cost of paints, replacement of broken stones, plantation boards etc.	02-14-003	As per actuals subject to maximum of 5% of estimate cost during maint. year		483.70
		<b>Total Cost</b>				<b>13494.23</b>

Unit Cost for 2019-20	13494.00	Ha
Add 10% For 2020-21	14843.00	Ha
Add 10% for 2021-22	16327.00	Ha
Add 10% for 2022-23	17960.00	Ha
Add 10% for 2023-24	19756.00	Ha
Add 10% for 2024-25	21732.00	Ha
Add 10% for 2025-26	23905.00	Ha
Add 10% for 2026-27	26296.00	Ha
Add 10% for 2027-28	28926.00	Ha
Add 10% for 2028-29	31819.00	Ha
Add 10% for 2029-30	35001.00	Ha

*B.S.K. G.*  
Forest Range Officer  
Giddalur

*G. Satish*  
Divisional Forest Officer (T)  
Giddalur  
*CO*  
*28/5/18*

**Standard Unit Cost for 9th Year Maintenance of NTSH Plantations under SMM Method for NTSH & Red Sanders Unit cost for 1 Ha in Giddalur Division of Guntur Circle (As per FSR 2019-20)**

Sl. No	Qty	Details of work	FSR Item No.	Rate	Per	Amount
	(1)	(2)	(3)	(4)	(5)	(6)
		<b>9th YEAR MAINTENANCE OF PLANTATIONS IN OTHER THAN SANDY SOILS:</b>				
		<b>Inter ploughing</b>				
1	1.00	Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils	02-09-006	4023.03	Ha	4023.03
2	200	Creation of sectorlines/inspection paths/ fire lines 3 mts wide around the plantation	02-15-001	6.56	Rmt	1312.00
3	1 No./ 12Months	Cost of Protection. One watcher is allowed for 20 Ha plantation. If the area is less prior approval of Circle Head is required. Wage rate fixed by the Dist.Collector per day	02-10-002	397.00	Day	6193.20
4	1111	Pruning of lower foliage/ branches of NTFP species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3rd height.	02-15-002	133.42	100 Nos	1482.30
5		Contingencies for Enumeration of survivals in plantation including cost of paints, replacement of broken stones, plantation boards etc.	02-15-003	As per actuals subject to maximum of 5% of estimate cost during maint. year		483.70
		<b>Total Cost</b>				<b>13494.23</b>

Unit Cost for 2019-20	13494.00	Ha
Add 10% For 2020-21	14843.00	Ha
Add 10% for 2021-22	16327.00	Ha
Add 10% for 2022-23	17960.00	Ha
Add 10% for 2023-24	19756.00	Ha
Add 10% for 2024-25	21732.00	Ha
Add 10% for 2025-26	23905.00	Ha
Add 10% for 2026-27	26296.00	Ha
Add 10% for 2027-28	28926.00	Ha
Add 10% for 2028-29	31819.00	Ha
Add 10% for 2029-30	35001.00	Ha
Add 10% for 2030-31	38501.00	Ha

*B.H. Sri*  
Forest Range Officer  
Giddalur

*G. Satish*  
Divisional Forest Officer (T)  
Giddalur

*W*  
*29/5/19*



**Standard Unit Cost for 10th Year Maintenance of NTSH Plantations under SMM Method for NTSH & Red Sanders Unit cost for 1 Ha in Giddalur Division of Guntur Circle (As per FSR 2019-20)**

Sl. No	Qty	Details of work	FSR Item No.	Rate	Per	Amount
	(1)	(2)	(3)	(4)	(5)	(6)
		<b>10th YEAR MAINTENANCE OF PLANTATIONS IN OTHER THAN SANDY SOILS:</b>				
		<b>Inter ploughing</b>				
1	1.00	Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils	02-09-006	4023.03	Ha	4023.03
2	200	Creation of sectorlines/inspection paths/ fire lines 3 mts wide around the plantation	02-16-001	6.56	Rmt	1312.00
3	1 No./ 12Months	Cost of Protection. One watcher is allowed for 20 Ha plantation. If the area is less prior approval of Circle Head is required. Wage rate fixed by the Dist.Collector per day	02-10-002	397.00	Day	6193.20
4	1111	Pruning of lower foliage/ branches of NTFP species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3rd height.	02-16-002	133.42	100 Nos	1482.30
5		Contingencies for Enumeration of survivals in plantation including cost of paints, replacement of broken stones, plantation boards etc.	02-16-003	As per actuals subject to maximum of 5% of estimate cost during maint. year		690.00
		<b>Total Cost</b>				<b>13700.53</b>

Unit Cost for 2019-20	13701.00	Ha
Add 10% For 2020-21	15071.00	Ha
Add 10% for 2021-22	16578.00	Ha
Add 10% for 2022-23	18236.00	Ha
Add 10% for 2023-24	20060.00	Ha
Add 10% for 2024-25	22066.00	Ha
Add 10% for 2025-26	24273.00	Ha
Add 10% for 2026-27	26700.00	Ha
Add 10% for 2027-28	29370.00	Ha
Add 10% for 2028-29	32307.00	Ha
Add 10% for 2029-30	35538.00	Ha
Add 10% for 2030-31	39092.00	Ha
Add 10% for 2031-32	<b>43001.00</b>	Ha

*B.S.K. 91*  
Forest Range Officer  
Giddalur

*g Satish*  
Divisional Forest Officer (T)  
Giddalur

*W*  
*29/5/19*

**Data sheet for Maint., of Chain Link Fencing around CA Area**  
**(FSR 2019-20)**

Sl. No	Description of work	Qty.	FSR No.	Rate in Rs.	Per.	Amount (Rs.)
1	3	2	4	5	6	7
1	Salvaging of old chain link. (1230x1.50= 1845 Sq.mt)	1845	05.05.004	4.77	Sq.mt	8800.65

Unit cost for 2019-20	8800.65		
Add 10% for 2020-21	9680.72		
Add 10% for 2021-22	10648.79	<b>OR</b>	
Add 10% for 2022-23	11713.67	11700	<b>1st year</b>
Add 10% for 2023-24	12885.03	12800	<b>2nd year</b>
Add 10% for 2024-25	14173.53	14100	<b>3rd year</b>
Add 10% for 2025-26	15590.89	15600	<b>4th year</b>
Add 10% for 2026-27	17149.98	17100	<b>5th year</b>
Add 10% for 2027-28	18864.97	18800	<b>6th year</b>
Add 10% for 2028-29	20751.47	20700	<b>7th year</b>
Add 10% for 2029-30	22826.62	22800	<b>8th year</b>
Add 10% for 2030-31	25109.28	25100	<b>9th year</b>
Add 10% for 2031-32	27620.21	27600	<b>10th year</b>

*B.S.K. H*  
Forest Range Officer  
Giddalur

*g Satish*  
Divisional Forest Officer (T)  
Giddalur

*CO*  
*28/5/19*



### ABSTRACT ESTIMATE

Estimate for erection of Chain link fencing about 1230 Rmt length and 1.50Mts height around proposed CA area Allinagaram Village in lie of Diversion of Forest land for extraction of Road Metal in favour of Sri.K.Brahmananda Reddy

Sl. No	Qty.	Units	Description of work	Rate	Per	Amount
1	2	3	4	5	6	7
1	47.57	Cum	Earth work excavation for foundation and depositing on bank for all lifts with an initial lead of 10m including all operational, incidental, labour charges such as shorting, sheeting, planking, strutting etc., complete for finished item of work including seigniorage excluding dewatering charges etc as per SS -20b (APSS 308)	165.42	Cum	7869
2	47.57	Cum	Plain Cement concrete (M 15) Nominal Mix using 20mm grades metal including cost of mixing, laying, cost and conveyance of all labour and materials at site of work complete	6145.67	Cum	292333
3	1230	Rmt	Providing 1.50 metre high fencing with angle iron posts 50 mm x 50 mm x 6 mm at 3 metre center to center with 0.45 metre embedded in M15 grade cement concrete, corner, end and every 10th post to be strutted, provided with Hot Dipped Galvanised Chain Link Mesh 8 Gauge (4mm) as per IS 2721-1979 3" X 3" mesh or 75 mm x 75 mm mesh and fixed to iron posts by flat iron 50 x 5 mm and bolts etc. up to 1.50mts a complete in all respects. (MORTH Suggestive )	642.36	Rmt	790101
			<b>Sub total</b>			<b>1090303</b>
			GST @ 12% of estimate cost			130836
			Labour Cess @ 1% of estimate cost			10903
			Contingencies			100
			<b>Total cost</b>			<b>1232142</b>

Unit cost for 2018-19 1232142  
Add 10% for 2019-20 1355356  
Add 10% for 2020-21 1490892  
Add 10% for 2021-22 1639981  
Rate per 1 Rmt 1333.32 Rmt  
or 1320

*B.S.L. Reddy*  
Forest Range Officer,  
Giddalur

*G. Satish*  
Divisional Forest Officer  
Giddalur  
*CO*  
*28/5/19*

# DETAILED ESTIMATE

Estimate for erection of Chain link fencing about 1230 Rmt length and 1.50Mts height around proposed CA area Allinagaram Village in lue of Diversion of Forest land for extraction of Road Metal in favour of Sri.K.Brahmananda Reddy

Sl. No	Description of work	Nos	Measurements			Quantity	
			L	B	D		
1	2	3	4	5	6	7	
1	Earth work excavation for foundation and depositing on bank for all lifts with an initial lead of 10m including all operational, incidental, labour charges such as shorting, sheeting, planking, strutting etc., complete for finished item of work including seigniorage excluding dewatering charges etc as per SS -20b (APSS 308)						
	For a Length of = 1230 RMT as per sketch	1230					
	For Fencing Angels @ Every 3mtr Intravals	410	0.45	0.45	0.45	37.36	
	Support Angels @ Every 10th Angle (410/10x2=82)	82	0.45	0.45	0.45	7.47	
	Support Angulars in corners (15 Corners i.e.,30 Angulars)	30	0.45	0.45	0.45	2.73	
	<b>Total Qty</b>					<b>47.57</b>	<b>Cum</b>
2	Plain Cement concrete (M 15) Nominal Mix using 20mm grades metal including cost of mixing, laying, cost and conveyance of all labour and materials at site of work complete						
	For a Length of = 1230 RMT as per sketch						
	For Fencing Angels @ Every 3mtr Intravals	410	0.45	0.45	0.45	37.36	
	Support Angels @ Every 10th Angle	82	0.45	0.45	0.45	7.47	
	Support Angulars in corners (15 Corners i.e.,30 Angulars)	30	0.45	0.45	0.45	2.73	
	<b>Total Qty</b>					<b>47.57</b>	<b>Cum</b>
3	Providing 1.50 metre high fencing (with angle iron posts 50 mm x 50 mm x 6 mm at 3 metre center to center with 0.60 metre embedded in M15 grade cement concrete, corner, end and every 10th post to be strutted, provided with Hot Dipped Galvanised Chain Link Mesh 8 Gauge (4mm) as per IS 2721-1979 3" X 3" mesh or 75 mm x 75 mm mesh and fixed to iron posts by flat iron 50 x 5 mm and bolts etc. up to 1.50mts complete in all respects. (MORTH Suggestive )	1	1230	-	-	1230	Rmt

Forest Range Officer,  
Giddalur

Divisional Forest Officer  
Giddalur



**DATA SHEET -SSR 2018-19.**

Item Code	Description of Item	Per	Unit	Rate	Amount
BLDCSTN-2-1	Excavation for Structures				
	Earth work excavation for foundation and depositing on bank for all lifts with an initial lead of 10m including all operational, incidental, labour charges such as shorting, sheeting, planking, strutting etc., complete for finished item of work including seigniorage excluding dewatering charges etc as per SS -20b (APSS 308)				
	Ordinary soil				
	Manual Means Upto 3 m depth				
	Unit = cum				
	Taking output = 10 cum				
	a) Labour				
	Mate	day	-		
	Mazdoor (Unskilled)	day	3.64	400.00	1456.00
	b&c) Overheads & Contractors Profit				198.23
	Cost for 10 cum = a+b+c				1654.23
	Rate per cum = (a+b+c)/10				165.42
BLD-CSTN-3-12	Plain Cement concrete (M 15) Nominal Mix using 20mm grades metal including cost of mixing, laying, cost and conveyance of all labour and materials at site of work complete				
	using 20mm metal using concrete mixer				
	Unit : 1cum				
	A. MATERIALS:				
	Cement	Kg	275.00	3.88	1067.55
BLD-CSTN-3-12	Coarse aggregate 20mm	cum	0.90	2545.84	2291.25
	Fine aggregate (Sand)	cum	0.48	1783.54	856.10
	Water (including for curing) (Urbun)	kl	1.20	102.00	122.40
	B. MACHINERY				0.00
	Concrete Mixer 10/7cft(0.2/0.8 Cum) capacity	hour	1.00	471.90	471.90
	C. LABOUR:				0.00
	Mason 1 <sup>st</sup> class	day	0.10	440.00	44.00
	Mazdoor (unskilled)	day	1.39	400.00	556.00
	<b>Sub total</b>				<b>5409.20</b>
	Overheads & Contractors Profit			13.615%	736.46
	<b>Grand Total</b>				<b>6145.67</b>
RBR-TSRA-7	Painting on Steel Surfaces				
	Providing and applying two coats of ready mix Enamel paint including primer coat of approved brand on steel surface after through cleaning of surface to give an even shade as per drawing and Technical Specification Clause 1701MORD				
	Unit = sqm				
	Taking output = 10 sqm				
	a) Labour				
	Painter CL-1	day	0.00	550.00	0.00
	Painter (2nd Class)	day	0.60	440.00	264.00
	Mazdoor (Unskilled)	day	0.40	400.00	160.00
	b) Material				
	Red-oxide Primer as per specifications (Item No. BMT-J-03)	litre	0.60	121.00	72.60
	Paint ready mixed approved brand (Item No. BMT-J-30 )	litre	1.25	172.00	215.00
	<b>Sub total</b>				<b>711.60</b>
	Overheads & Contractors Profit			13.615%	96.88
	Cost for 10 sqm = a+b+c+d				<b>808.48</b>
	<b>Rate per sqm = (a+b+c+d)/10</b>				<b>80.848</b>

Item Code	Description of Item	Per	Unit	Rate	Amount
RBR-TSRA-17	Fencing With Hot Dipped Galvanised Iron Chain Link Mesh				
	Providing 1.50 metre high fencing with angle iron posts 50 mm x 50 mm x 6 mm at 3 metre center to center with 0.45 metre embedded in M15 grade cement concrete, corner, end and every 10th post to be strutted, provided with Hot Dipped Galvanised Chain Link Mesh 8 Gauge (4mm) as per IS 2721-1979 3" X 3" mesh or 75 mm x 75 mm mesh and fixed to iron posts by flat iron 50 x 5 mm complete in all respects. (MORTH Suggestive )				
RBR-TSRA-17	Unit = Running metre				
	Taking output = 30 m				
	a) Labour				
	Mate	day	-		
	Welder	day	1.00	490.00	490.00
	Mazdoor	day	2.12	400.00	848.00
	b) Material				
	i) Angle iron for posts 50 x 50 x 6 mm (Proportionate weight for 1.50Mts).	kg	105.40	40.00	4216.00
	ii) Runner flat 50 x 5 mm (Proportionate weight for 1.50Mts).	kg	29.97	40.00	1198.80
	iii) Hot Dipped Galvanised Chain Link Mesh 8 Gauge (4mm) as per IS 2721-1979 3" X 3" mesh 8 gauge or 75 mm x 75 mm mesh (30 mtrX1.5 Mtr) (Item No. BMT-F-22,)	Sqm	45.00	202.00	9090.00
	Add 2.5 percent of cost of material for drilling holes in angles, flats, splitting angle at bottom, nuts and bolts and welded consumables				470.50
	d) Painting				
	Painting two coats including priming	sqm	8.00	81.02	648.16
	Sub total				16961.46
	Overheads & Contractors Profit		13.615%		2309.30
	Cost for 30 metre = a+b+c+d+e+f				19270.76
	Rate per metre = (a+b+c+d+e+f)/30				642.36

*B. S. K. Pi*  
Forest Range Officer,  
Giddalur

*[Signature]*  
Divisional Forest Officer  
Giddalur  
*CO*  
*29/5/19*



LEAD STATEMENT- 2018-19.

Sl. No.	Description	SOR Item Code	Source of Material	Lead in KM	Initial Cost (Excluding Seigniorage Charges)	Conveyance Charges (Excluding Stacking Charges)	Loading	Un-Loading Charges	Total Conveyance	Conveyance After Deduct Overheads & Contractor Profit @ 13.615% (10-13.615%)	Add Seigniorage	Total (6+11+12)	Unit Per
1	2	3	4	5	6	7	8	9	10	11	12	13	
1	Cost of Cement	GO	At site	At site	3882.00							3882.00	1 MT
2	Cost of Sand (Unscreened) G.O.Rt.No.125 (Water Resources (WRG-GRC) Dept, dt: 29.12.2016	GO	Chennur	170	100.00	1891.00	0.000	0.00	1891.00	1633.54	50.00	1783.54	1 Cum
3	Cost of 20 mm Metal	M-53	Ramathertham	120	1303.00	1351.90	0.00	0.00	1351.90	1167.84	75.00	2545.84	1 Cum
4	Cost of Anglers & Flats	GO	Local	At site	44000.00							44000.00	1 MT

*B.K. P.*  
Forest Range Officer,  
Giddalur

*G. Satish*  
Divisional Forest Officer  
Giddalur  
*00/12/19*

**C.A. SCHEME FOR CA AREA IN AN EXTENT OF 5.22 Ha., IN GIDDALUR RANGE OF GIDDALUR DIVISION IN LIEU OF LIEU OF DIVERSION OF FOREST LAND FOR EXTRACTION OF ROAD METAL IN FAVOUR OF SRI.K.BRAHMANADA REDDY IN GUNTUR DIVISION.**

**Name of the Scheme:** Non-Forest C.A (Extraction of Road Metal in favour of Sri.K.Brahmananda Reddy).

**1. Introduction:** Compensatory Afforestation is one of the important conditions stipulated by the Central Government. It is essential that a comprehensive scheme for Compensatory Afforestation is to be formulated for Diversion of Forest land for Non-Forestry purposes. Compensatory Afforestation shall be done over an equivalent area of non forest land to the forest area being diverted, the Compensatory Afforestation is provided by the User Agency.

The C.A scheme is prepared with current wage rate i.e, FSR-2019-20 of Guntur Circle, to the extent of 5.22 Ha, Non-Forest area is identified at Sy.No.1019 of Allinagaram Village of Giddalur Range for raising of CA in lieu of diversion of forest land for Extraction of Road Metal in Guntur Division in favour of Sri. K.Brahmananda Reddy.

Sl. No	Village/ Mandal	Beat/ Section	Sy. No	Area in Ha	Land position with respect to RF Lands	Area proposed For C.A in Ha	Remarks
1	2	3	4		6	7	8
1	Allinagaram/ Komarole	Allinagaram / Allinagaram	1019	5.22	Enclosure (Maduva RF)	5.22	The Proposed CA area in the Sy.No.1019 is within the enclosure of the Maduva RF which was notified U/s 16 of Madras Act, Proc. Forest No.319, Dt.27-07-1898
		<b>TOTAL:</b>		<b>5.22</b>			

The said area were inspected by the Forest Range Officer, Giddalur and certified that the above Non- Forest land is suitable for Afforestation purposes.



**2. Implementing Agency:** The Divisional Forest Officer (T), Giddalur and Forest Range Officer, Giddalur will be the implementing agency.

**3. Technique of planting:** The afforestation will be done in a span of 12 years

Treatment Year -1: Survey and Demarcation, Site preparation, Advance Operations and Raising of nursery and Formation/Maintenance approach Road to the CA area.

Treatment year-2: Raising of SMM Plantations and Erection of Chain link fencing around the Plantation.

Treatment Year-3: 1<sup>st</sup> Year Maintenance of SMM plantations and Chain link fencing.

Treatment Year-4: 2<sup>nd</sup> Year Maintenance of SMM plantations and Chain link fencing.

Treatment Year-5: 3<sup>rd</sup> Year Maintenance of SMM plantations and Chain link fencing.

Treatment Year-6: 4<sup>th</sup> Year Maintenance of SMM plantations and Chain link fencing.

Treatment Year-7: 5<sup>th</sup> Year Maintenance of SMM plantations and Chain link fencing.

Treatment Year-8: 6<sup>th</sup> Year Maintenance of SMM plantations and Chain link fencing.

Treatment Year-9: 7<sup>th</sup> Year Maintenance of SMM plantations and Chain link fencing.

Treatment Year-10: 8<sup>th</sup> Year Maintenance of SMM plantations and Chain link fencing.

Treatment Year-11: 9<sup>th</sup> Year Maintenance of SMM plantations and Chain link fencing.

Treatment Year-12: 10<sup>th</sup> Year Maintenance of SMM plantations and Chain link fencing.

Site preparation includes clear felling of existing shrubs heaping and burning debris and uprootal stumps etc.,

Raising of Plantation will be done by deep ploughing the area with heavy duty tractor to a depth of 30 cms after clear felling and uprootal and before planting, digging of 45 cms cube pits for miscellaneous seedlings followed by one inter ploughing and one soil working after planting provision is made for replacement of 20% casualties during the year of raising.

1<sup>st</sup> Year Maintenance of Plantation includes replacements of 25% casualties, one inter ploughing, one circular weeding cum deep soil work and maintenance of chain link fencing

2<sup>nd</sup> Yea Maintenance of plantation includes one inter ploughing, one Circular weeding cum deep soil work and maintenance of chain link fencing

3<sup>rd</sup> Year Maintenance of plantation includes one inter ploughing, one Circular weeding cum deep soil work and maintenance of chain link fencing

4<sup>th</sup> Year maintenance of plantation fire tracing operations and maintenance of chain link fencing etc.,

5<sup>th</sup> Year Maintenance of plantation fire tracing operations and maintenance of chain link fencing etc.,

6<sup>th</sup> Year Maintenance of plantation fire tracing operations and maintenance of chain link fencing etc.,

7<sup>th</sup> Year Maintenance of plantation fire tracing operations and maintenance of chain link fencing etc.,

8<sup>th</sup> Year Maintenance of plantation fire tracing operations and maintenance of chain link fencing etc.,

9<sup>th</sup> Year Maintenance of plantation fire tracing operations and maintenance of chain link fencing etc.,

10<sup>th</sup> Year Maintenance of plantation fire tracing operations and maintenance of chain link fencing etc.,

Provision is made for watch and ward of the plantation with one watcher for upto 20 Ha. If less prior approval of CF, Guntur is required. Hence one watcher proposed on wages, starting from the month of planting to the end of 10<sup>th</sup> year maintenance as per FSR-2019-20 of Guntur Circle.

Provision is also made for formation, maintenance of inspection paths and fire tracing operations.



**4. Species and Espacement:** The total area will be planted with Misc., seedlings like Narepi, Yegisa, Red Sanders, Nemalinara, Neeruddi, Vepa, Rosewood, Tellamaddi, Nallamaddi, Neredu, Chinta, Uduga and Ficus species etc., @ 3x3 Espacement i.e., 1111 plants per Ha.

**5. SMC works:** It is proposed to carryout SMC works like for digging of CCTs, CPTs, WAT and PTs in plantations and Semi lunar trenches around the plants about 15% of the afforestation cost.

**6. Chain link fencing:** In the said CA proposals provision is made for chain link fencing, the area is with highly biotic pressure. Hence chain link fencing with 10 years maintenance is proposed.

**7. Formation/Maintenance of Approach road to the CA Area:** In the said CA proposals provision is made for Formation/Maintenance of approach road to the CA area since the road is essential for carrying out the CA works. Hence the Formation/Maintenance of approach road to the CA is proposed.

**8. Monitoring and Evaluation:** Provision is made in the scheme @ 5% of the afforestation cost towards cost of M. Books, Plantation journals, Cash books, Development of new central nursery site, purchase of nursery equipments and construction of shed for nursery watcher etc., at Giddalur Range and etc.,

**9. Administration cost:** Provision is made in the scheme @ 10% of the afforestation cost towards Maintenance of Government Vehicles, engaging Data Entry Operator, Non Technical Maistry for Giddalur Range & Division offices and other miscellaneous items like, cost of Stationery, Computers & Fax Machines etc.,

**10. Cost of the Project:** The total cost of the Project will be **Rs.78.500 lakhs** as per the details given in the Abstract statement enclosed.

*B.S.L. H*  
Forest Range Officer,  
Giddalur.

*gsat*  
Divisional Forest Officer,  
Giddalur.  
*29/5/14*

**Full Title of the Project:** Diversion of forest land to an extent of 4.78 Ha in Guntur Forest Division for Extract of Road Metal and building stone in Compt.No.127 of Kondaveedu RF, Ameenabad Beat, Peerecherla Village, Medikonduru Mandal, Guntur District in favour of Sri. Kunam Brahmananda Reddy - Non forest area identified in Giddalur (T) Division for raising of Compensatory Afforestation - Reg.

**File No. :** PCCF, Guntur Re.No.EFS02/15029/32/2018-FCA-2/SEC.PCCF  
**Date of Instructions:** 05.06.2018 and 14.12.2018.

### "SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme for Compensatory Afforestation to be carried out in identified Non-Forest land CA an extent of 5.22 Ha in Giddalur (T) Division and it is an enclosure of Maduva RF in lieu of 4.78 Ha. of forest area to be Diverted in Guntur Forest Division for Extract of Road Metal and building stone in Compt.No.127 of Kondaveedu RF, Ameenabad Beat, Peerecherla Village, Medikonduru Mandal, Guntur District in favour of the Sri. Dara Appa Rao.

#### 1. Details of degraded forest land:-

Sl. No	Village/ Mandal	Beat/ Section	Sy. No	Area in Ha	Land position with respect to RF Lands	Area proposed For C.A in Ha	Remarks
1	2	3	4		6	7	8
1	Allinagaram/ Komarole	Allinagaram / Allinagaram	1019	5.22	Enclosure (Maduva RF)	5.22	The Proposed CA area in the Sy.No.1019 is within the enclosure of the Maduva RF which was notified U/s 16 of Madras Act, Proc. Forest No.319, Dt.27-07-1898
		<b>TOTAL:</b>		<b>5.22</b>		<b>5.22</b>	



a	Name of Forest Division	Giddalur (T) Division
b	Range	Giddalur
c	Block/Compartment/Survey No	Allinagaram Village in Sy.No.1018 Area to be afforested: 5.22 Ha it is an enclosure of the Maduva RF.
2	Description of Area	
I	whether the site selected for Compensatory Afforestation is a land bank or not	No
II	If the CA site is other than the land bank, reasons be given	Non Forest Land
III	In case of non forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary	It is an enclosure of the Maduva RF
IV	Soil type	Red Loamy, gravelly
V	Topography:	
	(a) Hilly/Undulating/Plain	Plain
	(b) Slope: Steep/Medium/Gentle:	Gentle
VI	Whether the area is bearing any root stock of vegetation	Covered by small tress and bushes
3	Plantation Model:-	
	Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up to be enclosed	Enclosed

#### 4. Schedule of Plantation Programme:-

1. Detail of year wise break up of requirements of funds is as under:-

Sl. No.	Name of the work	Quantity in Ha/Rmt	Unit Cost	Amount (in Lakhs)
I	Plantations			
1	Raising of Primary beds & Raising of nursery	6858 Nos	14.000	0.960
2	Advance operations	5.22 Ha	0.515	2.688
3	Raising of plantations	5.22 Ha	0.860	4.489
4	Maintenance of Nursery (for planting & replacement casulities in raising year)	6858 Nos	6.56	0.450
5	Raising of nursery for Casualities in 1st year maint.	1451 Nos	15.400	0.223
6	1st year maintenance	5.22 Ha	0.390	2.036
7	Maintenance of Nursery (for Casualities in 1st year maint.)	1451 Nos	7.15	0.104
8	2nd year maintenance	5.22 Ha	0.320	1.670
9	3rd year maintenance	5.22 Ha	0.3500	1.827
10	4th year maintenance	5.22 Ha	0.387	2.020
11	5th year maintenance	5.22 Ha	0.4260	2.224
12	6th year maintenance	5.22 Ha	0.2900	1.514
13	7th year maintenance	5.22 Ha	0.3190	1.665
14	8th year maintenance	5.22 Ha	0.3500	1.827
15	9th year maintenance	5.22 Ha	0.3850	2.010

Sl. No.	Name of the work	Quantity in Ha/ Rmt	Unit Cost	Amount (in Lakhs)
16	10th year maintenance	5.22 Ha	0.4300	2.245
	Sub Total			27.952
II	Chain Link Fencing			
1	Errection of Chain link fencing around the plantations	1230 Rmt	0.0132	16.236
2	Salvaging of old chain link. For 10 years	1845 Sqmt	—	1.863
	Sub Total			18.099
III	Formation/ Maint of approached road to CA area	3.50	4.000	14.000
	Total cost of Plantation			60.051
IV	SMC Works (15%of the total planting Cost)		—	9.008
	Sub Total			9.008
V	Monitoring & Evaluation 5% of the total planting Cost		—	3.003
VI	Administrative Cost @ 10% of the total planting Cost)		—	6.005
	For Rounded			0.434
	Grand Total:			78.500

### 5. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

a)	General Details:	The afforestation and maintenance will be done in a span of 12 years 2020-21 to 2031-32 with implementing agency of DFO (T), Giddalur.
b)	Spacing	3 Mts x 3 Mts
c)	Species	Miscellaneous/NTSH
d)	Plantation Method	SMM (Semi Mechanical Method)
e)	Protection (Fencing, Watch man, People's Participation etc.):	As the CA area is an enclosure of the Maduva RF hence Chain link fencing was proposed
f)	Proposed Monitoring Mechanism	--
h)	Any other information	<p>The proposed Non-Forest area identified in Giddalur (T) Division to an extent of 5.22 Ha is suitable for Compensatory Afforestation as per the Scheme proposals furnished by the FRO, Giddalur with an outlay of Rs.78.500 lakhs which is situated in above mentioned table Giddalur Range of Giddalur (T) Division.</p> <p>Hence proposed Non-Forest land for CA may be accepted:-</p>

Divisional Forests Officer,  
Giddalur.



**LAND SUITABILITY CERTIFICATE BY DFO**

This is to certify that the identified Non-Forest land for Compensatory Afforestation with an extent of 5.22 Ha of land in Survey Nos.1019 of Allinagaram Village, Komarole Mandal, Prakasam District is suitable for raising of Plantation.

  
Divisional Forest Officer,  
Giddalur.