

I/617635/2022

**GOVERNMENT OF ANDHRA PRADESH  
FOREST DEPARTMENT**

<p>From Sri Y. Madhusudhan Reddy, IFS., Prl. Chief Conservator of Forests (Head of Forest Force)(FAC), Andhra Pradesh, Guntur - 522 004.</p>	<p>To The Spl. Chief Secretary to Government, Environment, Forests, Science &amp; Technology Department, Andhra Pradesh Secretariat, Velagapudi,- 522 503.</p>
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**Ref.no.EFS02-15029/7/2021-FCA SEC-PCCF/FCA-3,**  
**dated:12/08/2022.**

Sir,

Sub APFD - F(C) Act, 1980 - Diversion of 4.84 ha forest land in compartment no.102, Janapadu RF, Guntur Division for quarry lease for Limestone (Minor) in favour of Sri G. Pavan Kumar Reddy - Proposals submission off - Reg.

Ref: 1. DMG, Ibrahimpatnam, A.P., letter no.6163/D7-1/2020, dated: 22.12.2020  
2. Online proposal no. FP/AP/QRY/155444/2022, dated: 17.05.2022.  
3. PCCF & HoFF, A.P, Guntur Rc. no. 15029/7/2021- FCA SEC PCCF/FCA-3, dated: 27.05.2022.  
4. CCF, Guntur Rc. no.1267/2021-TO, dated: 11.07.2022.

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It is submitted that the Director of Mines and Geology in the reference 1<sup>st</sup> cited, has forwarded the application for Diversion of 4.85 ha forest land in compartment no.102, Janapadu RF, Guntur Division for quarry lease for Limestone (Minor) in favour of Sri G. Pavan Kumar Reddy.

While forwarding the application, the DMG has furnished the following information submitted by the applicant through Asst. Director of Mines & Geology, Nellore.

- The mineral reserves are available in forest lands and not available in other than forest lands in Guntur District.
- The proposed area is located in Janapadu Reserve Forest, Gundlapalli beat with the contour elevation of 500 m.
- With the above information, the Director of Mines and Geology, A.P, Ibrahimpatnam has recommended for diversion of 4.84 ha forest land in compartment no.102, Janapadu RF, Guntur Division for quarry lease for

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Limestone (Minor) in favour of Sri G. Pavan Kumar Reddy.

Subsequently, in the reference 2<sup>nd</sup> cited, Sri G. Pavan Kumar Reddy has uploaded proposals in the ministry's web portal for diversion of 4.84 ha forest land in compartment no.102, Janapadu RF, Guntur Division for quarry lease for Limestone (Minor) in favour of Sri G. Pavan Kumar Reddy. The proposal is registered with unique No. FP/AP/QRY/155444/2022, dated: 17.05.2022.

Accordingly, the proposal was forwarded to the District Forest Officer, Guntur in the reference 3<sup>rd</sup> cited for processing as per the guidelines of Forest (Conservation) Act, 1980 through the Chief Conservator of Forests, Guntur. Subsequently, the Chief Conservator of Forests, Guntur, in the reference 4<sup>th</sup> cited, has submitted the proposal duly processed under Forest (Conservation) Act, 1980, which are as detailed below.

**The user agency has furnished the following information in Part-I:**

- The proposal is for Diversion of 4.84 ha forest land in compartment no.102, Janapadu RF, Guntur Division for quarry lease for Limestone (Minor) in favour of Sri G. Pavan Kumar Reddy.
- The user agency has furnished justification letter stating that, the mineral available in this area is unique in its quality and strength and this mineral is locally called as Lime Stone Mineral and useful for making of Wallputty etc. purpose and this Lime Stone mineral is not available elsewhere in the District. More over the applied area is in proximity to in the Compartment no.102 part of Jandpadu Reserve Forest, Gundlapalli Beat of Janapadu (V), Piduguralla (M), Guntur hence in fact on adjacent ecosystem is minimum. Further this project provided employment to Majority skilled, unskilled and poor people who are below poverty line. Hence, after exploring all the alternatives, considering the above, it is very much essential for grant of mining lease for Lime Stone in the interest of mineral development and industrial requirements.
- The user Agency has furnished the DGPS authenticated maps for the area proposed for diversion and CA land.
- Statement showing the details of forest area involved:

Sl.no	Purpose	Area in ha
1	Mining area	3.99
2	Safety zone area	0.77
	Dumping Area	0.04
3	Magazine Area	0.04
	<b>Total area</b>	<b>4.84</b>

- The User Agency **has submitted the certificate under RoFR Act, 2006**, as required under F (C) Act, 1980 and also obtained no objection certificate from local bodies like Gram Sabha etc.
- The user agency has indicated the safety zone area for the proposed mining in the authenticated DGPS map. It is enclosed at Page No. 103 of the booklet.
- The User Agency has submitted undertakings to obtain Environment Clearance ,Rehabilitation, Reclamation, Cost of fencing and regeneration of safety zone afforestation over one and half times of degraded forest area, CA/ACA/PCA, NPV, Addl. NPV, Tree extraction charges, To bear the cost of

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- raising and maintenance of compensatory Afforestation etc.
- The User Agency has identified non forest land for compensatory afforestation over an extent of 5.20 ha in Ekunampuram (V), Chandra Sekharapuram(M), Prakasam District in two bits.
- The User Agency has submitted that, 20 permanent / Regular employment likely to be generated and employment of 62400 no. of man days to be generated.
- The User Agency has furnished the approved mining plan approved by the Deputy Director of Mines and Geology, A.P., Guntur in Ir. no. 2767/MP/LS(M)/DCP/2021, dated: 28.10.2021**

**The District Forest Officer, Guntur has furnished the information in Part-II as follows:**

- The District Forest Officer has submitted an abstract of Enumeration of Tree growth and mentioned that 19 no. of trees to be felled in the proposed area.
- The District Forest Officer, Guntur has inspected the forest area involved in the project proposal on 15.06.2022 stated that the proposed area falls in Tropical Dry Deciduous Forests classified as **Eco-Class -III**. The proposed diversion area having plain and moderately slope topology. The proposed area is falling along the boundary of the Reserve Forest. The density of vegetation is 0.2. the proposed area is having species like *Citrus sinensis* and *Prosopis juliflora* etc. Site inspection report of the District Forest Officer, Guntur is enclosed.
- The area proposed for diversion is not vulnerable and the area having plain and moderately slope topology. The possibility of erosion is almost nil.
- The proposed quarry lease falls in Janapadu RF area and adjoining to Revenue boundary.
- The area proposed for diversion does not forms part of National Park, Wildlife Sanctuary, Biosphere Reserve, Tiger Corridor, Elephant Corridor etc.,
- No rare / endangered / unique species of flora and fauna found in and around the area proposed for diversion except the Flora of Sandra *Accacia Chundra*, Adavi Nimma- *Atalantia racemosa*, Are- *Bhauhinia racemosa*, Jaana -*Grewia rotundifolia* and the main Fauna is Hare- *Lepus nigricollis* and Jackal- *Canis aureus*.
- No protected archaeological / heritage site/defense establishment or any other important monument is located in the area proposed for diversion.
- The requirement of the forest land is 4.84 ha as proposed by the User Agency is un-avoidable and barest minimum for the project
- The User Agency has not violated the provisions of Forest (Conservation) Act, 1980.

The District Forest Officer, Guntur has **Recommended** the proposal in part-II. Further the District Forest Officer, Guntur opined that a condition may be imposed to take up erection of signage/ display boards on conservation of wildlife and forest protection and provision of eco-friendly inspection hut by the applicant at the project cost.

The Chief Conservator of Forests, Guntur has not inspected the proposed area for diversion, as the area proposed for diversion is less than 40 ha.

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The Chief Conservator of Forests, Guntur has agreed with the information given in Part-II by the District Forest Officer, Guntur and **Recommended** the proposal in Part-III.

The Nodal Officer (FCA), Andhra Pradesh has agreed with the information given in Part -II and Part -III by the District Forest Officer, Guntur and the Chief Conservator of Forests, Guntur respectively and Recommended the proposal in Part -IV.

As per para 2.3 of Chapter -2 of Comprehensive guidelines issued by the Gol, MoEF & CC, New Delhi in f. No. 5-2/2017-FC, dated: 28.03.2019, the User Agency has identified non-forest land over an extent of 5.20 ha in Sy. no. 5-1,5-3A, 5-4, 5-5, 6-2, 7-1 and 9-2, Ekunampuram (V) of Chandra Sekaharapuram (M), Prakasam District in two (2) bits for compensatory Afforestation purpose.

The Divisional Forest Officer, Giddalur has inspected the non-forest land identified for Compensatory Afforestation of 23.03.2022 and stated that the identified non-forest land over an extent of 5.20 ha is adjacent to the Velogonda Reserve Forest, Kanigiri Range of Giddalur. The non-forest land is having natural growth with species of Chikireni, Ullinda, Janku, Gottika, Munkudu etc. The site is suitable for raising of AR Model plantation with forest species and it can be treated with some SMC Works. Site inspection report of the Divisional Forest Officer, Giddalur is enclosed herewith

As per para 2.8 of Chapter -2 of Comprehensive guidelines issued by the Gol, MoEF & CC, New Delhi in f. No. 5-2/2017-FC, dated: 28.03.2019, the Divisional Forest Officer, Giddalur has prepared CA Scheme to an extent of 4.10 ha with a financial amount of Rs.87.00 lakh for a period from 2023-24 to 2034-35 with 10 years maintenance. Copy of the CA scheme, map, soil suitability certificate is enclosed herewith. **The complete CA scheme has been uploaded at Nodal Officer level.**

The Divisional Forest Officer, Giddalur has issued Land Suitability certificate stating that, the non-forest land identified over an extent of 5.20 ha in Sy. no. 5-1, 5-3A, 5-4, 5-5, 6-2,7-1 and 9-2 of Ekunampuram (V), CS Puram (M), Prakasam District for raising of Compensatory Afforestation is contiguous to the Reserve Forest and it is suitable for Raising of Compensatory Afforestation from the management and protection point of view for raising Misc. species (NHSH) like Ravi, Tellamaddi, Neem, Nerudu and other miscellaneous forest species.

The authenticated CA land map and Survey of India map in 1:50,000 is enclosed herewith.

As per para 2.6 (ii) of comprehensive guidelines issued by the Gol, MoEF & CC, New Delhi in f. No. 5-2/2017-FC, dated: 28.03.2019, degraded forest land for afforestation measuring one and half time the area of forest land under safety zone has been identified to an extent of 1.20 ha in Compartment no.127, Kondaveedu RF, Ameenabad beat of Guntur Range of Guntur Division. The District Forest Officer, Guntur has prepared CA scheme to an extent of 1.155 ha with a financial outlay of Rs.22.00 lakh for a period from 2023-24 to 2034-35 with 10 years maintenance. Copy of the map along with CA Scheme is enclosed herewith. **The CA scheme has been uploaded at Nodal Officer level.**

The proposal has been uploaded in Ministry's web portal and unique no. **FP/AP/ORY/155444/2022** generated and the acknowledgement slip generated



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on the web portal is enclosed.

In view of the above, the proposal for diversion of 4.84 ha forest land in compartment no. 102, Janapadu RF, Guntur Division for quarry lease for Limestone in favour of Sri G. Pavan Kumar Reddy in (3) sets along with required information and maps duly recommending the proposal in Part-IV is submitted herewith.

Government are requested to take necessary action for onward submission of the proposal to Government of India, MoEF &CC, IRO, Vijayawada to accord forest clearance under Section-2 of Forest (Conservation) Act, 1980 and amendments therein as deemed fit in the matter.

Encl: As above.

Yours faithfully,  
Y Madhusudhana Reddy Ifs

Prl. Chief Conservator of Forests  
Head of Forest Force(FAC)

Copy to the Chief Conservator of Forests , Guntur.

Copy to the District Forest Officer, Guntur for information and necessary action.

Copy to the Divisional Forest Officer, Giddalur for information.

Sri Gottimukkala Pavan Kumar Reddy, S/o G. Rami Reddy, H.no. 16-55/2, Piduguralla -522413, Guntur District for information and necessary action.

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Signed by Y Madhusudhana  
Reddy Ifs  
Date: 12-08-2022 14:49:02  
Reason: Approved

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**PART-IV**

(To be filled by the Nodal Officer or Principal Chief Conservator of Forests  
or Head of Forest Department)

Diversion of 4.84 ha forest land in compartment no. 102, Janapadu RF, Guntur  
Division for quarry lease for Limestone in favour of Sri G. Pavan Kumar Reddy.

17	Detailed opinion and specific recommendations of the State Forest Department for acceptance or otherwise of the proposal with remarks (while giving opinion, the adverse comments made by concerned Conservator of Forests or Deputy Conservator of Forests should be categorically reviewed and critically commented upon)	Recommended
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Date:12/08/2022

Signature

Place: Guntur

Name: Y Madhusudhana Reddy Ifs

Office Seal

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Signed by Y Madhusudhana  
Reddy Ifs  
Date: 12-08-2022 14:47:36  
Reason: Approved

6111756/2022/FCA -PCCF 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.1882/2021/TA, Dated:02-07-2022.**

Sir,

Sub:- APFD - F (Conservation) Act, 1980 - Diversion of 4.84 Ha of Forest Land in Compt. No.102 of Janapadu RF, Guntur Division for quarry lease for limestone (Minor) in favour of Sri.G.Pavan Kumar Reddy - Non-Forest land identified for CA - Approval of CA Scheme by CCF, Guntur - Furnishing of authenticated maps and CA Scheme for incorporation in Part-II Proposals - Reg.

- Ref:- 1. PCCF (HoFF), A.P., Guntur Rc.No.EFS02-15029/7/2021-FCA SEC-PCCF/FCA-3, Dt.27.05.2022.  
2. DFO, Guntur Rc.No.1297/2021/TO, Dt.31.05.2022.  
3. This Office Rc.No.1882/2021/TA, Dt.23.06.2022.  
4. CCF, Guntur Rc.No.1267/2021/TO, Dt.28.06.2022.

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With reference to the 2<sup>nd</sup> cited above, it is informed that the user agency has identified the Compensatory Afforestation lands in Sy.No.5-1, 5-3A, 5-4, 5-5, 6-2, 7-1 and 9-2 of Ekunampuram Village, CS Puram Mandal, Kanigiri Range, Giddalur Division of Prakasam District for Compensatory Afforestation purpose in lieu of Diversion of 4.84 Ha of Forest Land in Compt. No.102 of Janapadu RF, Guntur Range, Guntur Division for quarry lease for limestone (Minor) in favour of Sri.G.Pavan Kumar Reddy. The details of CA Lands are as follows.

Village/ Mandal/ District	Sy. No	Extent in Acres as per DGPS Survey	Extent in Ha as per DGPS Survey	Area proposed for CA as per Authentication in Ha	Remarks
Ekunampuram/ CS Puram Mandal/ Prakasam District	5-1	3.54	1.43	4.41	CA Scheme prepared for 4.10 Ha
	5-3A	0.73	0.29		
	5-4	0.68	0.27		
	5-5	4.46	1.80		
	6-2	0.82	0.33		
	9-2	0.81	0.33		
	7-1	1.96	0.79	0.79	
<b>Total</b>		<b>13.00</b>	<b>5.24</b>	<b>5.20</b>	

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Further, it is submitted that in the reference 1<sup>st</sup> cited, the Prl. Chief Conservator of Forests., A.P., Guntur has issued instructions that the DGPS Surveyed raw data & maps received for verification and authentication of Non-Forest Land identified for CA purpose in lieu of Diversion of 4.84 Ha of Forest land for quarry lease for limestone (Minor) in Compt.No.102, Janapadu RF, Guntur Range, Giddalur Division in favour of Sri.G.Pavan Kumar Reddy has been verified, authenticated and the area assessed is 5.20 Ha (i.e., 4.41 Ha for bit-1 + 0.79 Ha for bit-2).

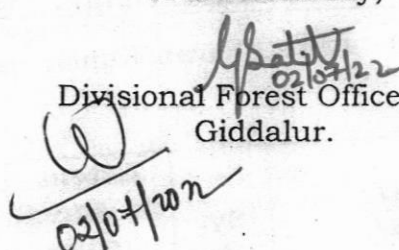
In this connection, it is submitted that in the reference 4<sup>th</sup> cited, the Chief Conservator of Forests., Guntur Circle, Guntur has approved the Compensatory Afforestation Scheme submitted by this office in the reference 3<sup>rd</sup> cited to a tune of Rs.87.000 Lakhs.

In view of the above, the administrative approval of Compensatory Afforestation Scheme along with datas and authenticated maps are submitted herewith in 9 sets for incorporation in the Part-II proposals.

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

Encl:- As above.

Yours faithfully,

  
Divisional Forest Officer (T),  
Giddalur.

**GOVERNMENT OF ANDHRA PRADESH  
FOREST DEPARTMENT**

**Rc.no.1267/2021-TO,**  
Dated. 28-06-2022.

O/o The Conservator of Forests,  
Guntur Circle, Guntur.

**Sri Y. Srinivasa Reddy, IFS.,**  
Chief Conservator of Forests,  
Guntur Circle, Guntur.

\* \* \*

**Sub:** APFD - F(C) Act, 1980 - Diversion of 4.84 ha. of forest land in compartment no.102 of Janapadu RF, Guntur Range, Guntur Division for extraction of quarry lease for lime stone (minor) in favour of Sri G.Pavan Kumar Reddy- Non- forest land identified for raising of CA at Giddalur division- CA Scheme proposals submitted by the DFO, Giddalur for administration approval- Administration approval accorded-Reg.

**Ref:** 1.Prl.CCF,AP,Guntur Rc.no.EFS02-15029/7/2021-FCASEC-PCCF/  
FCA-3, dt.14.12.2021 & 11.05.2022.  
2. DFO, Giddalur Rc.no.1882/2021-TA, dt.23.06.2022.

\* \* \*

Attention of the Divisional Forest Officer, Giddalur is drawn to the references cited above. He is informed that the CA Scheme prepared for Afforestation over an extent of 4.10 ha., of Non-Forest CA land (actual CA land to an extent of 5.20 ha) identified in Sy.no.5-1, 5-3A, 5-4, 5-5, 6-2, 9-2 & 7-1 of Ekunampuram village, C.S.Puram Mandal, Prakasam District of Giddalur Division in lieu of the proposals for diversion of 4.84 ha. of forest land in compartment no.102 of Janapadu RF, Guntur Range, Guntur Division for extraction of quarry lease for lime stone (minor) in favour of Sri G.Pavan Kumar Reddy submitted in the reference 2<sup>nd</sup> cited duly adopting the rates of FSR-2022-23 of Guntur Circle is hereby approved for Rs.87.00Lakhs on the personal responsibility of the Divisional Forest Officer, Giddalur and subject to the revision of rates in future at the time of raising demand to the user agency and he is instructed to upload information pertaining to Part-II of proposal in the Ministry's web site "PARIVESH" portal as per the instructions of the Govt. time to time.

**Encl.** Abstract.

Sd/-Y.Srinivasa Reddy,  
Chief Conservator of Forests,  
Guntur Circle, Guntur.

To  
The Divisional Forest Officer, Giddalur.

Copy to the District Forest Officer, Guntur for information and necessary action.

//T C B O // *[Signature]*  
Tech.Officer. 28/6/22



Statement Showing the C.A Scheme Proposals over an extent of 4.10 Ha in Sy.No.5-1, 5-3A, 5-4, 5-5, 6-2, 7-1 and 9-2 Ekunampuram (Village), CS Puram (Mandal), Prakasam (District), Kanigiri Range of Giddalur Division in lieu of Diversion of 4.84 Ha of Forest land in Compt.No.102, Janapadu RF, Guntur Division for quarry lease for limestone (Minor) in favour of Sri.G.Pavan Kumar Reddy.

(Rs.in Lakhs)

Sl. No	Name of the work	Unit cost		2023-24		2024-25		2025-26		2026-27		2027-28		2028-29		2029-30		2030-31		2031-32		2032-33		2033-34		2034-35		Amount	
		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	Phy	Fin
I	Plantations (SMM Method)																												
1	Advance operations (4.10 Ha)	1 Ha	0.620	4.100	2.542																						4.10	2.542	
2	Raising of Nursery	Nos	13.22	5500	0.727																						5500	0.727	
3	Raising of plantations	1 Ha	1.300			4.100	5.330																				4.10	5.330	
4	Maintenance of Nursery	Nos	8.261			5500	0.454																				5500	0.454	
5	Raising of Nursery for 1st year maint	Nos	14.543			1200	0.175																				1200	0.175	
6	1st year maintenance	1 Ha	0.530					4.100	2.173																		4.100	2.173	
7	Maintenance of Nursery	Nos	9.087					1200	0.109																		1200	0.109	
8	Raising of Nursery for 2nd year maint	Nos	15.997					1200	0.192																		1200	0.192	
9	2nd year maintenance	1 Ha	0.600							4.100	2.460																4.100	2.460	
10	Maintenance of Nursery	Nos	9.995							1200	0.120																1200	0.120	
11	3rd year maintenance	1 Ha	0.415									4.100	1.702														4.100	1.702	
12	4th year maintenance	1 Ha	0.190											4.100	0.779												4.100	0.779	
13	5th year maintenance	1 Ha	0.065													4.100	0.267										4.100	0.267	
14	6th year maintenance	1 Ha	0.072															4.100	0.295								4.100	0.295	
15	7th year maintenance	1 Ha	0.079																	4.100	0.324						4.100	0.324	
16	8th year maintenance	1 Ha	0.087																			4.100	0.357				4.100	0.357	
17	9th year maintenance	1 Ha	0.095																					4.100	0.390		4.100	0.390	
18	10th year maintenance	1 Ha	0.105																							4.100	0.431	4.100	0.431
	Sub-Total>				3.269		5.959		2.474		2.580		1.702		0.779		0.267		0.295		0.324		0.357		0.390		0.431		18.825

Sl. No	Name of the work	Unit cost		2023-24		2024-25		2025-26		2026-27		2027-28		2028-29		2029-30		2030-31		2031-32		2032-33		2033-34		2034-35		Amount	
		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	Phy	Fin
II	Chain Link Fencing																												
1	Erection of Chain Link fencing around the CA Plantation	1 Rmt	0.0176		0.000	2223	39.169																				2223 Rmt	39.169	
2	Salvaging of old Chain ling for 10 Years	3335 Sqmt	0.0000		0.000				0.256		0.282		0.310		0.341		0.375		0.412		0.453		0.498		0.548		0.603	3335 Sqmt	4.078
	Sub-Total>				0.000		39.169		0.256		0.282		0.310		0.341		0.375		0.412		0.453		0.498		0.548		0.603		43.247
	Sub Total of Plantation cost				3.269		45.128		2.730		2.862		2.012		1.120		0.642		0.707		0.777		0.855		0.938		1.034		62.072
III	SMC works																												
1	SMC Works (25%of the total planting Cost)	LS	15.518				1.411		1.411		1.411		1.411		1.411		1.411		1.411		1.411		1.411		1.411		1.411		15.518
	Sub-Total>		15.518		0.000		1.411		1.411		1.411		1.411		1.411		1.411		1.411		1.411		1.411		1.411		1.411		15.518
IV	Monitoring and Evaluation 5% of the total planting Cost	LS	3.104				0.282		0.282		0.282		0.282		0.282		0.282		0.282		0.282		0.282		0.282		0.282		3.104
	Sub-Total>				0.000		0.282		0.282		0.282		0.282		0.282		0.282		0.282		0.282		0.282		0.282		0.282		3.104
V	Administrative Cost @ 10% of the total planting Cost (Wages to NTM & DEO in Kanigiri Range Office and Division Office, Giddalur	LS	6.207		0.000		0.564		0.564		0.564		0.564		0.564		0.564		0.564		0.564		0.564		0.564		0.564		6.207
	For Rounded				0.099		0.000																						0.099
	Sub-Total>				0.099		0.564		0.564		0.564		0.564		0.564		0.564		0.564		0.564		0.564		0.564		0.564		6.306
	Grand Total>>				3.368		47.386		4.987		5.119		4.269		3.377		2.899		2.964		3.034		3.112		3.195		3.291		87.000

*R. Ramji Reddy*  
22/6/22  
Forest Range Officer  
Kanigiri

*S. Satish*  
23/6/22  
Divisional Forest Officer  
Giddalur

**COUNTER SIGNED**

*S. Satish*  
Chief Conservator of Forests  
GUNTUR CIRCLE,  
GUNTUR.

*6/28/6/22*

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Statement Showing the C.A Scheme Proposals over an extent of 4.10 Ha in Sy.No.5-1, 5-3A, 5-4, 5-5, 6-2, 7-1 and 9-2 Ekunampuram (Village), CS Puram (Mandal), Prakasam (District), Kanigiri Range of Giddalur Division in lieu of Diversion of 4.84 Ha of Forest land in Compt.No.102, Janapadu RF, Guntur Division for quarry lease for limestone (Minor) in favour of Sri.G.Pavan Kumar Reddy.

Sl. No.	Name of the work	Year	Quantity in Ha/ Rmt	Unit Cost	Per	Amount (in Lakhs)	Remarks
<b>I</b>	<b>Plantations</b>						
1	Advance operations	2023-24	4.10	0.620	Ha	2.542	
2	Raising of Nursery	2023-24	5500	13.221	Each seedling	0.727	
3	Raising of plantations	2024-25	4.10	1.300	Ha	5.330	
4	Maintenance of Nursery	2024-25	5500	8.261	Each seedling	0.454	
6	Raising of Nursery for 1st year maint	2024-25	1200	14.543	Each seedling	0.175	
5	1st year maintenance	2025-26	4.10	0.530	Ha	2.173	
7	Maintenance of Nursery	2025-26	1200	9.087	Each seedling	0.109	
9	Raising of Nursery for 2nd year maint	2025-26	1200	15.997	Each seedling	0.192	
8	2nd year maintenance	2026-27	4.10	0.600	Ha	2.460	
10	Maintenance of Nursery	2026-27	1200	9.995	Each seedling	0.120	
11	3rd year maintenance	2027-28	4.10	0.415	Ha	1.702	
12	4th year maintenance	2028-29	4.10	0.190	Ha	0.779	
13	5th year maintenance	2029-30	4.10	0.065	Ha	0.267	
14	6th year maintenance	2030-31	4.10	0.072	Ha	0.295	
15	7th year maintenance	2031-32	4.10	0.079	Ha	0.324	
16	8th year maintenance	2032-33	4.10	0.087	Ha	0.357	
17	9th year maintenance	2033-34	4.10	0.095	Ha	0.390	
18	10th year maintenance	2034-35	4.10	0.105	Ha	0.431	
	<b>Sub Total</b>					<b>18.825</b>	
<b>II</b>	<b>Chain Link Fencing</b>						
1	Erection of Chain Link fencing around the CA Plantation in Sy.No.5-1, 5-3A, 5-4, 5-5, 6-2, 7-1 and 9-2 Ekunampuram Village.		2223	0.0176	Rmt	39.169	
2	Salvaging of old Chain ling for 10 Years		3335			4.078	
	<b>Sub Total</b>					<b>43.247</b>	
	<b>Total cost of Plantation</b>					<b>62.072</b>	

Sl. No.	Name of the work	Year	Quantity in Ha/ Rmt	Unit Cost	Per	Amount (in Lakhs)	Remarks
III	SMC Works (25%of the total planting Cost)			--		15.518	
	<b>Sub Total</b>					<b>15.518</b>	
IV	Monitoring and Evaluation 5% of the total planting Cost			--		3.104	
V	Administrative Cost @ 10% of the total planting Cost (Wages to NTM & DEO in Kanigiri Range Office and Division Office, Giddalur			--		6.207	
	For Rounded					0.099	
	<b>Grand Total:</b>					<b>87.000</b>	

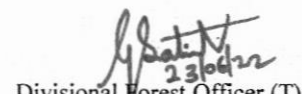
  
22/6/22  
Forest Range Officer  
Kanigiri

  
Divisional Forest Officer (T)  
Giddalur

Standard Unit Cost for Advance Operations for 1 Ha in Giddalur Division of Guntur Circle (As per FSR 2022-23)						
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	465.00	Day	465.00
		<b>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.</b>				
2	1.00	Medium Jungle Growth (>30% ground area covered with Jungle growth)	02-05-005	11198.92	Ha	11198.92
3	150	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	7.89	Rmt	1183.50
		<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>				
4	1.00	Medium Jungle Growth (>30% ground area covered with Jungle growth)	02-05-010	28283.72	Ha	28283.72
		<b>Collection and removal of uprooted stumps of all sizes, other debris etc., to outside the plantation site.</b>				
5	1.00	Medium Jungle Growth (>30% ground area covered with Jungle growth)	02-05-014	14628.41	Ha	14628.41
6		Contingencies				604.09
		<b>Total Cost</b>				<b>56363.64</b>

Unit cost for 2022-23      56363.64      Per Ha  
 Add 10% for 2023-24      62000.00      per Ha

  
 Forest Range Officer  
 Kanigiri

  
 Divisional Forest Officer (T)  
 Giddalur



## PRIMARY BEDS

STANDARD UNIT COST FOR RAISING OF PRIMARY BEDS FOR RAISING OF  
NTHS SPECIES (As per FSR 2022-23)

Sl. No.	Qty.	Description of work	2022-23 FSR Item No.	Rate	Per/ Unit	Amount
1	2	3	4	5	6	7
1	1100 Nos.	Preparation of old site - by clearing the site by dismantling old beds.	01-02-002	1.78	Bed/ 333 Nos.	5.88
2	1100 Nos.	Digging soil to a depth of 30 cm	01-02-003	52.74	Bed/ 333 Nos.	174.22
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	43.25	Bed/ 333 Nos.	142.87
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	50.00	Bed/ 333 Nos.	165.17
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	14.74	Bed/ 333 Nos.	48.69
6	1100 Nos/ 6.30 Kgs	Cost of seed Nallamaddi @ Rs.131.81/Kg. 175 seedlings per Kg seed	Actuals	131.81	Kg	830.40
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	16.75	Bed/ 333 Nos.	55.33
8	1100 Nos./ 2 months	Watering the primary nursery beds with rose water cans for a maximum period of 2 months. <b>Note:</b> 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	18.79	Bed/ 333 Nos/ month	124.14
9	1100 Nos./ 2 times	Weeding the primary beds maximum of 2 times <b>Note:</b> Weeding the primary beds more than 2 times prior approval of the CF concerned is required.	01-02-010	2.81	Bed/ 333 Nos/ time	18.56
10	1100 Nos.	Contingences such as cost of pipes, nursery board, electricity bills etc - 10% of estimate cost	01-05-035			250.00
			<b>Total :</b>			<b>1815.26</b>

Unit Cost for Bed (Misc. Species)

1.65

Add 10% for 2022-23

0.17

Unit Cost for 2023-24

1.82

Unit Cost for 2024-25

2.00

*[Signature]*  
22/06/22  
Forest Range Officer  
Kanigiri

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22/06/22  
Divisional Forest Officer,  
Giddalur.

STANDARD UNIT COST FOR RAISING OF 6"X12" NTSH & RED SANDERS BAG PLANTS  
NURSERY (As per FSR 2022-23)

Sl. No.	Qty.	Description of work	2022-23 FSR Item No.	Rate	Per/ Unit	Amount
1	2	3	4	5	6	7
		<b>Raising of Bag plant nursery in Polythene bags of different sizes and arranging in beds (Bed size 10Mx1M)</b>				
1	1100 Nos.	Site preparation for old site - Clearing of growth, weeds, grass etc.	01-05-002	18.02	Bed/ 1100	18.02
		<b>Cost and transport of ingredients for Potting mixture Red Soil and Clayey Soil in 2:1 ratio as per CSSR 2011-12</b>				
2	1100 Nos.	15 cm X 30 cm (6" X 12") 2.15 cum.	01-05-005	745.08	1000 Nos.	819.59
		<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>				
3	1100 Nos.	15 cm X 30 cm (6" X 12") 2.15 cum.	01-05-011	1804.07	1000	1984.48
4	1150 Nos./ 10	Cost of Polythene bags (@ 115 Nos./Kg) Tender rate	01-05-015	136.88	Kg	1368.80
5	1100 Nos.	Picking out seedlings from primary beds and transplanting in bags.	01-05-016	191.070	1000	210.18
6	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	441.46	Bed/ 1100/ month	2006.64
7	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	68.07	Bed/ 1100/ weeding	123.76
8	1000 Nos./ 1	Shifting & grading and rearranging in beds for 10mx1m size bed (6x12 bags-1100 Nos) only once	01-05-024	375.39	Bed/ 1100/	341.26
9		Cost of chemicals, insecticides, pesticides etc.,	01-05-025	Actuals		250.00
10	1000 Nos./	Cost of cow dung slurry	01-05-033	As per actuals		250.00
11	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) <b>Note:</b> Watering should not be done 12 hours before and after application of cow dung slurry	01-05-034	282.78	1000/ time	282.78
12	1000 Nos / 25 Rmt	<b>Brush wood fencing around the planting area:</b> 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 1.5 m and fenceing material should be fixed in 2 rows (staggered) at 30 cm apart. The fence should be tightened horizontally by tying with thorny reapers on both sides.	01-05-039	38.35	Rmt	958.75
13	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 per 100beds. (26 days per month) $465 \times 26 = 12090 \times 5 \text{ months} = 60450/100 = 604.50$	01-05-041	465.00	Day	604.50
14	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.		985.00
<b>Total :</b>						<b>10203.76</b>

Unit cost per primary bed

1.82

Unit cost per bag plant

10.20

Total unit cost per bag plant

12.02

Add 10% for 2022-23

1.20

Unit Cost for 2023-24

13.22

Unit Cost for 2024-25

14.54

Unit Cost for 2025-26

16.00

Each bag plant

*[Signature]*  
23/6/22

Forest Range Officer  
Kanigiri

*[Signature]*

Divisional Forest Officer,  
Giddalur.



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STANDARD UNIT COST FOR MAINTENANCE OF 6"X12" NTSH & RED SANDERS BAG  
PLANTS (As per FSR 2022-23)

Sl. No.	Qty.	Description of work	2022-23 FSR Item No.	Rate	Per/ Unit	Amount
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	441.46	Bed/ 1100/ month	1605.31
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	68.07	Bed/ 1100/ weeding	247.53
3	1000 Nos./ 2 times	Shifting and grading and re-arranging in beds for 10 m X 1 m size bed maximum 2 shifts (6x12 bags-1100 Nos) <b>Note;</b> More than 2 shifts to be allowed (with prior permission of circle head)	01-05-032	375.39	Bed/ 1100/ shifting	682.53
4	1000 Nos./	Cost of cow dung slurry	01-05-033		Actuals	800.00
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	282.78	1000/ time	565.56
		<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	176.60	Bed/ 1100/ month	642.18
7	1000 Nos./ 2 times	Shifting and grading and re-arranging in beds for 10 m X 1 m size bed (6x12 bags-1100 Nos) <b>Note;</b> More than 2 shifts to be allowed (with prior permission of circle head)	01-05-037	375.39	Bed/ 1100/ shifting	682.53
9	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. Average 100beds. (26 days/month).	01-05-041	465.00	Day	967.20
10	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		691.00
		<b>Total :</b>				<b>6883.83</b>

Unit cost per bag plant

6.88

Add 10% for 2022-23

0.69

Unit Cost for 2023-24

7.57

Unit Cost for 2024-25

8.26

Unit Cost for 2025-26

9.09

Unit Cost for 2026-27

10.00 Each bag plant

*D. Ramkumar*  
22/6/22  
Forest Range Officer  
Kanigiri

*lybattu*  
Divisional Forest Officer,  
Giddalur.

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 2022-23)

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	7263.38	Ha	7263.38
2	1.00	Removing congestion of root suckers and other uprooted material hindering the effective ploughing (For non-tilled areas only)	02-05-024	1245.09	Ha	1245.09
		<b>Alignment &amp; Staking</b>				
3	1111	Alignment and staking including laying base line for Misc species with espacement 3mX3m (1111 Nos)	02-06-003	108.16	100 Nos	1201.66
4	1111	Cost of 0.45M Stake preparation and transportation to site.	02-06-005	70.42	100 Nos	782.37
		<b>Transport of Bag plants / Root trainer plants from nursery site to plantation site including loading and unloading upto 50 Km lead (5 Km lead)</b>				
5	1111.00	15X30cm (6"X12") bag plants	02-06-009	185.09	100 Nos	2056.350
		<b>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</b>				
6	1111.00	15 X 30cm (6"X12") bag plants	02-06-014	292.05	100 nos/ km	3244.676
		<b>Internal transport of bag plants/root trainers to planting points on head loads.</b>				
7	1111	15X30cm (6"X12") bag plants	02-06-019	118.73	100 Nos	1319.09
		<b>Digging of pits in ploughed areas</b>				
8	1111	Digging of 45 cm. cube pits	02-06-027	11.89	Each	13209.79
		<b>Application of Fertilizers</b>				
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		25.00	Kg	1400.00
	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	50.79	100 Nos	564.28
		<b>Planting bag plants</b>				
11	1111	45cmX45cmX45 cm pits	02-06-034	565.54	100 Nos	6283.15
12	1111	Provision of watering during planting as per PCCFs Circular 6B/06/G1, (Rc.No. 17309/2000-G1, dt. 16.08.2005) with the permission Circle Head (Two Waterings) As per condition no.80 of Guntur FSR-2022-23	02-06-054	3.26	Plant per time	7243.72
13		Replacement of Casualties 20% during raising year	02-06-036			
	222	a) Reopening of pits		594.50	100 Nos	1319.79
	222	b) Transport of bag plants over 50 Km		477.14	100 Nos	1059.25
	222	c) Internal transport		118.73	100 Nos	263.58
	222	d) Planting		565.54	100 Nos	1255.50
		<b>Weeding &amp; Soil working</b>				
14	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	848.32	100 Nos	9424.84
		<b>Inter ploughing</b>				
15	1.00	1st Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils	02-06-045	4841.54	Ha	4841.54
16	1.00	2nd Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils	02-06-045	4841.54	Ha	4841.54
17	150	Creation of sectorlines/inspection paths/ fire lines 3 mts wide around the plantation	02-06-049	7.89	Rmt	1183.50
18	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	465.00	Day	4836.00
19	1111	Provision of watering during planting as per PCCFs Circular 6B/06/G1, (Rc.No. 17309/2000-G1, dt. 16.08.2005) with the permission Circle Head (Six Waterings)As per condition no.80 of Guntur FSR-2022-23	02-06-054	3.26	Plant per time	21731.16
20		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	9987.78
		<b>Total cost</b>				<b>107438.02</b>

Unit cost for 2022-23  
Add 10% for 2023-24  
Add 10% for 2024-25

107438.02  
118181.82  
130000.01 Per Ha

*B. Ravi Reddy*  
22/6/22  
Forest Range Officer  
Kanigiri

*g. p. s. s.*  
Divisional Forest Officer (T)  
Giddalur

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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 2022-23)						
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		1081.00	100 Nos	3005.18
	278	c) Internal transport		118.73	100 Nos	330.07
	278	d) Planting		565.54	100 Nos	1572.20
		<b>Application of Fertilizers</b>				
2	1111	Provision of watering during planting as per PCCFs Circular 6B/06/G1, (Rc.No. 17309/2000-G1, dt: 16.08.2005) with the permission Circle Head. As per condition no.80 of Guntur FSR-2022-23	02-06-054	3.26	Plant per time	3621.86
3		Cost of Chemical fertilisers (50 grm SSP for basal dressing, 20 grm DAP for replacement of casualties).	02-07-002		As per actuals	
4	14.00	a) Cost of SSP @ 50 Grams/Pit - 14 Kgs/Ha		25.00	Kg	350.00
5	6.00	a) Cost of DAP @ 20 Grams/Pit - 6 Kgs/Ha		40.00	Kg	240.00
6	278	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	02-07-003	50.79	100 Nos	141.20
		<b>Inter ploughing</b>				
7	1.00	1st Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils	02-07-007	4841.54	Ha	4841.54
8	1.00	2nd Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils ( As per condition no.69 of Guntur FSR-2021-22)	02-07-007	4841.54	Ha	4841.54
9	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	848.32	100 Nos	9424.84
10	150	Creation of Fire lines 3 mts wide	02-07-014	7.89	Rmt	1183.50
11	833	Pruning of lower foliage/ branches of NTFP /NTSH/Misc species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3rd height.	02-07-015	160.56	100 Nos	1337.46
12	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	465.00	Day	7254.00
13		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	1676.30
		<b>Total Cost</b>				<b>39819.69</b>

Unit cost for 2022-23 39819.69

Add 10% for 2023-24 43801.66

Add 10% for 2024-25 48181.82

Add 10% for 2025-26 53000.00

*R. Ravi Kumar*  
22/06/22  
Forest Range Officer  
Kanigiri

*J. Patil*  
Divisional Forest Officer (T)  
Giddalur




6111756/2022/FCA -PCCF

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 2022-23)

Sl.No	Qty	Details of work	FSR Item No.	Per	Unit	Rate
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		<b>2nd YEAR MAINTENANCE OF PLANTATIONS IN OTHER THAN SANDY SOILS/SEMI MECHANICAL METHOD:</b>	<b>02-08:</b>			
1		Replacement of Casualties 25% in 1st year maint.	02-07-001			
	278	a) Reopening of pits		1081.00	100 Nos	3005.18
	278	c) Internal transport		118.73	100 Nos	330.07
	278	d) Planting		565.54	100 Nos	1572.20
2	1111	Provision of watering during planting as per PCCFs Circular 6B/06/G1, (Rc.No. 17309/2000-G1, dt: 16.08.2005) with the permission Circle Head.As per condition no.80 of Guntur FSR-2021-22	02-06-054	3.26	Plant per time	3621.86
3	555	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	02-08-002	50.79	100 Nos	281.88
4		Cost of Chemical fertilisers (50 grm SSP for basal dressing, 20 grm DAP for backward plants).	02-08-001			
	28.00	a) Cost of SSP @ 50 Grams/Pit - 28 Kgs/Ha		25.00	Kg	700.00
	11.00	b) Cost of DAP @ 20 Grams/Pit - 11 Kgs/Ha		40.00	Kg	440.00
5	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.	02-07-003	848.32	100 Nos	9424.84
		<b>Inter ploughing</b>				
6	1.00	1st Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils	02-08-008	4841.54	Ha	4841.54
7	1.00	2nd Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils ( As per condition no.69 of Guntur FSR-2021-22)	02-08-008	4841.54	Ha	4841.54
8	150	Creation of sectorlines/inspection paths/ fire lines 3 mts wide around the plantation	02-08-012	7.89	Rmt	1183.50
9	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	465.00	Day	7254.00
10	1111	Pruning of lower foliage/ branches of NTFF /NTSH/Misc species like kanuga, Neem, Usiri, Seethaphal etc., plants upto	02-08-015	160.56	100 Nos	1783.82
11		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.		1700.00
		<b>Total Cost</b>				<b>40980.43</b>

Unit Cost for 2022-23 40980.43  
 Add 10% For 2023-24 45078.48  
 Add 10% for 2024-25 49586.32  
 Add 10% for 2025-26 54545.00  
 Add 10% for 2026-27 60000.00

  
 Forest Range Officer  
 Kanigiri

  
 Divisional Forest Officer (T)  
 Giddalur

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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 2022-23)

Sl. No	Qty	Details of work	FSR Item No.	Per	Unit	Rate
	(1)	(2)	(3)	(4)	(5)	(6)
		<b>3rd 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	848.32	100 Nos	9424.84
		<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	4841.54	Ha	4841.54
3	150	Creation of sectorlines/inspection paths/ fire lines 3 mts wide around the plantation	02-09-008	7.89	Rmt	1183.50
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	02.09.009	465.00	Day	7254.00
5	1111	Pruning of lower foliage/ branches of NTFP /NTSH/Misc species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3rd height.	02-09-010	160.56	100 Nos	1783.82
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		1280.00
		<b>Total Cost</b>				<b>25767.70</b>

Unit Cost for 2022-23 25767.70

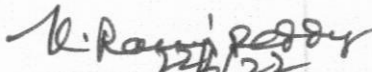
Add 10% for 2023-24 28344.47


Add 10% for 2024-25 31179.00

Add 10% for 2025-26 34297.00

Add 10% for 2026-27 37727.00

Add 10% for 2027-28 41500.00 Ha

  
Forest Range Officer  
Kanigiri

  
Divisional Forest Officer (T)  
Giddalur

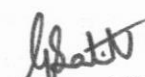
209

**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 2022-23)**

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	150	Creation of sectorlines/inspection paths/ fire lines 3 mts wide around the plantation	02-10-001	7.89	Rmt	1183.50
2	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	465.00	Day	7254.00
3	1111	Pruning of lower foliage/ branches of NTFP /NTSH/Misc species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3rd height.	02-10-003	160.56	100 Nos	1783.82
4		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		504.00
		<b>Total Cost</b>				<b>10725.32</b>

Unit Cost for 2022-23	10725.00	Ha
Add 10% for 2023-24	11798.00	Ha
Add 10% for 2024-25	12978.00	Ha
Add 10% for 2025-26	14276.00	Ha
Add 10% for 2026-27	15704.00	Ha
Add 10% for 2027-28	17274.00	Ha
Add 10% for 2028-29	<b>19001.00</b>	<b>Ha</b>

  
22/6/22  
Forest Range Officer  
Kanigiri

  
Divisional Forest Officer (T)  
Giddalur

**Standard Unit Cost for 5th Year to 10th 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 2022-23)**

Sl. No	Qty	Details of work	FSR Item No.	Rate	Per	Amount
	(1)	(2)	(3)	(4)	(5)	(6)
		<b>5th YEAR YEAR to 10th year MAINTENANCE OF PLANTATIONS IN OTHER THAN SANDY SOILS:</b>				
1	150	Creation of sectorlines/inspection paths/ fire lines 3 mts wide around the plantation	02-10-001	7.89	Rmt	1183.50
2	1111	Pruning of lower foliage/ branches of NTFP /NTSH/Misc species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3rd height.	02-10-003	160.56	100 Nos	1783.82
3		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		350.00
		<b>Total Cost</b>				<b>3317.32</b>

Unit Cost for 2022-23	3317.00	Ha	
Add 10% for 2023-24	3649.00	Ha	
Add 10% for 2024-25	4014.00	Ha	
Add 10% for 2025-26	4415.00	Ha	
Add 10% for 2026-27	4857.00	Ha	
Add 10% for 2027-28	5343.00	Ha	
Add 10% for 2028-29	5877.00	Ha	
Add 10% for 2029-30	6465.00	Ha	<b>OR 6500</b> 5th year
Add 10% for 2030-31	7112.00	Ha	<b>7200</b> 6th year
Add 10% for 2031-32	7823.00	Ha	<b>7900</b> 7th year
Add 10% for 2033-33	8605.00	Ha	<b>8700</b> 8th year
Add 10% for 2033-34	9466.00	Ha	<b>9500</b> 9th year
Add 10% for 2034-35	10413.00	Ha	<b>10500</b> 10th year

*K. Ramji Reddy*  
22/6/22  
Forest Range Officer  
Kanigiri

*[Signature]*  
Divisional Forest Officer (T)  
Giddalur



6111756/2022/FCA -PCCF

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Data sheet for Maint., of Chain Link Fencing around CA Area  
(FSR 2022-23)

Sl. No.	Qty.	Description of work	2022-23 FSR Item No.	Rate	Per/ Unit	Amount
1	2	3	4	5	6	7
1	3335	Salvaging of old chain link (2223*1.50 = 3335 sqmt)	05-05-004	5.73	1 sqmt	19109.55
2		Contingencies	02-13-003	LS		90.45
		<b>Total</b>				<b>19200.00</b>

Unit cost for 2022-23	19200.00		
Add 10% for 2023-24	21120.00		
Add 10% for 2024-25	23232.00	<b>OR</b>	
Add 10% for 2025-26	25555.20	<b>25600</b>	1st Year
Add 10% for 2026-27	28110.72	<b>28200</b>	2nd Year
Add 10% for 2027-28	30921.79	<b>31000</b>	3rd Year
Add 10% for 2028-29	34013.97	<b>34100</b>	4th Year
Add 10% for 2029-30	37415.37	<b>37500</b>	5th Year
Add 10% for 2030-31	41156.91	<b>41200</b>	6th Year
Add 10% for 2031-32	45272.60	<b>45300</b>	7th Year
Add 10% for 2033-33	49799.86	<b>49800</b>	8th Year
Add 10% for 2033-34	54779.84	<b>54800</b>	9th Year
Add 10% for 2034-35	60257.82	<b>60300</b>	10th Year

*D. Ramesh Babu*  
22/6/22  
Forest Range Officer  
Kanigiri

*h. p. attu*  
Divisional Forest Officer  
Giddalur.

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## ABSTRACT ESTIMATE

Estimate for erection of Chain link fencing about 2223 Rmt length and 1.50Mts height around proposed CA area in Kanigiri Range, Giddalur Division in lieu of Diversion of 4.84 Ha of Forest land in Compt.No.102, Janapadu RF, Guntur Division for quarry lease for limestone (Minor) in favour of Sri.G.Pavan Kumar Reddy.

Sl. No	Qty.	Units	Description of work	Rate	Per	Amount
1	2	3	4	5	6	7
1	85.93	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)	202.64	Cum	17413
2	85.93	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	7124.62	Cum	612225
3	2223	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 ), with Painting two coats including priming	957.85	Rmt	2129303
			<b>Sub total</b>			<b>2758942</b>
			GST @ 12% of estimate cost			331073
			Labour Cess @ 1% of estimate cost			27589
			Contingencies @ 5% on estimate cost			137947
			<b>Total cost</b>			<b>3255551</b>

Unit cost for 2022-23 3255551  
 Add 10% for 2023-24 3581106  
 Add 10% for 2024-25 3939217  
 Rate per 1 Rmt 1772.03 Rmt

*D. Ravi Prasad*  
 22/6/22  
 Forest Range Officer  
 Kanigiri

*J. Sathya*  
 Divisional Forest Officer  
 Giddalur

## DETAILED ESTIMATE

Estimate for erection of Chain link fencing about 2223 Rmt length and 1.50Mts height around proposed CA area in Kanigiri Range, Giddalur Division in lieu of Diversion of 4.84 Ha of Forest land in Compt.No.102, Banapadu RF, Guntur Division for quarry lease for limestone (Minor) in favour of Sri.G.Pavan Kumar 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 = 2223 RMT as per sketch	2223					
	For Fencing Angels @ Every 3mtr Intravals	741	0.45	0.45	0.45	67.52	
	Support Angels @ Every 10th Angle (741/10x2=148)	148	0.45	0.45	0.45	13.49	
	Support Angulars in corners and addl support	54	0.45	0.45	0.45	4.92	
	<b>Total Qty</b>					85.93	Cum
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 = 2223 RMT as per sketch						
	For Fencing Angels @ Every 3mtr Intravals	741	0.45	0.45	0.45	67.52	
	Support Angels @ Every 10th Angle	148	0.45	0.45	0.45	13.49	
	Support Angulars in corners and addl support	54	0.45	0.45	0.45	4.92	
	<b>Total Qty</b>					85.93	Cum
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	2223	-	-	2223	Rmt

*D. Ramesh Reddy*  
22/6/22  
Forest Range Officer  
Kanigiri

*Y. Satish*  
Divisional Forest Officer  
Giddalur

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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	490.00	1783.60
	b&c) Overheads & Contractors Profit				242.84
	Cost for 10 cum = a+b+c				2026.44
	Rate per cum = (a+b+c)/10				202.64
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	3.680	1012.00
BLD-CSTN-3-12	Coarse aggregate 20mm	cum	0.90	2815.90	2534.31
	Fine aggregate (Sand)	cum	0.48	2610.70	1253.14
	Water (including for curing) (Urban)	kl	1.20	88.00	105.60
	B. MACHINERY				0.00
	Concrete Mixer 10/7cft(0.2/0.8 Cum) capacity	hour	1.00	626.20	626.20
	C. LABOUR:				0.00
	Mason 1 <sup>st</sup> class	day	0.10	585.00	58.50
	Mazdoor (unskilled)	day	1.39	490.00	681.10
	Sub total				6270.85
	Overheads & Contractors Profit			13.615%	853.78
	<b>Grand Total</b>				<b>7124.62</b>
RBR-TSRA-7	<b>Painting on Steel Surfaces</b>				
	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	655.00	0.00
	Painter (2nd Class)	day	0.60	525.00	315.00
	Mazdoor (Unskilled)	day	0.40	490.00	196.00
	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
	Sub total				798.60
	Overheads & Contractors Profit			13.615%	108.73
	Cost for 10 sqm = a+b+c+d				907.33
	<b>Rate per sqm = (a+b+c+d)/10</b>				<b>90.733</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 struted, 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	575.00	575.00
	Mazdoor	day	2.12	490.00	1038.80
	b) Material				
	i) Angle iron for posts 50 x 50 x 6 mm (Proportionate weight for 1.50Mts).	kg	105.40	52.00	5480.80
	ii) Runner flat 50 x 5 mm (Proportionate weight for 1.50Mts).	kg	29.97	52.00	1558.44
	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	345.00	15525.00
	Add 2.5 percent of cost of material for drilling holes in angles, flats, splitting angle at bottom, nuts and bolts and welded consumables				388.13
	d) Painting				
	Painting two coats including priming	sqm	8.00	90.73	725.86
	Sub total				25292.03
	Overheads & Contractors Profit		13.615%		3443.51
	Cost for 30 metre = a+b+c+d+e+f				28735.54
	Rate per metre = (a+b+c+d+e+f)/30				957.85

*K. Ramesh Reddy*  
22/6/22  
Forest Range Officer  
Kanigiri

*J. Satish*  
Divisional Forest Officer  
Giddalur

LEAD STATEMENT- 2021-22.

Sl. No.	Description	SOR Item Code	Source of Materail	Lead in KM	Initial Cost	Conveyance Charges	Deduct 1 Km lead	Net Conveyance	Add Seiginorage	Total (6+9+10)	Unit Per
1	2	3	4	5	6	7	8	9	10	11	13
1	Cost of Cement	GO ( SoR-2021-22)	At site	At site	3680.00	0	0	0	0	3680.00	1 MT
2	Cost of Sand (Unscreened)	GO MAT-00027	Chennur	165	605.00	1939.40	33.700	1905.70	100	2610.70	1 Cum
3	Cost of 20 mm Metal	M-53 MAT-00218	Ramathertham	116	1418.00	1340.40	32.50	1307.90	90	2815.90	1 Cum
4	Cost of Anglers & Flats	GO ENC, WRD, Vijayawada, Lr.no.ENC/IW/SE(P&M) Cell/EE.I/DEE 02/AEE/21/Cement & Steel/ Vol-08, dt.11.03.2022.	Local	At site	56000.00	0	0	0	0	56000.00	1 MT

*[Signature]*  
25/4/22  
Forest Range Officer  
Kanigiri

*[Signature]*  
Divisional Forest Officer  
Giddalur

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**C.A. SCHEME FOR CA AREA IN AN EXTENT OF 4.10 HA IN KANIGIRI RANGE OF GIDDALUR DIVISION IN LIEU OF DIVERSION OF 4.84 HA OF FOREST LAND IN COMPT.NO.102, JANAPADU RF, GUNTUR RANGE, GUNTUR DIVISION FOR QUARRY LEASE FOR LIMESTONE (MINOR) IN FAVOUR OF SRI.G.PAVAN KUMAR REDDY.**

**Name of the Scheme:** **Non-Forest C.A** (Grant of Quarry Lease for Limestone in favour of Sri.G.Pavan Kumar Reddy in lieu of Diversion of 4.84 Ha of Forest Land in Compt.No.102, Janapadu RF, Guntur Range, Guntur Division.

**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 or where non-forest lands are not available or non-forest land is available in less extent to the forest area being diverted, compensatory afforestation may be carried out over non-forest land for Compensatory Afforestation is provided by the User Agency.

The C.A scheme is prepared with current wage rate i.e., FSR-2022-23 of Guntur Circle to the extent of 4.10 Ha of Non-Forest area is identified at Sy.No.5-1, 5-3A, 5-4, 5-5, 6-2, 7-1 and 9-2 of Ekunampuram Village, CS Puram Mandal of Kanigiri Range for raising of CA in lieu of diversion of 4.84 Ha of Forest Land in Compt.No.102, Janapadu RF, Guntur Range of Guntur Division for grant of Quarry lease for Limestone in favour of Sri.G.Pavan Kumar Reddy.

Sl. No	Village/ Mandal/ District	Sy. No	Extent in Acres as per DGPS Survey	Extent in Ha as per DGPS Survey	Area proposed for CA as per Authentication in Ha	Remarks
1	Ekunampuram/ CS Puram Mandal/ Prakasam District	5-1	3.54	1.43	4.41	CA Scheme prepared for 4.10 Ha
		5-3A	0.73	0.29		
		5-4	0.68	0.27		
		5-5	4.46	1.80		
		6-2	0.82	0.33		
		9-2	0.81	0.33		
		7-1	1.96	0.79	0.79	
Total			13.00	5.24	5.20	



The said area were inspected by the Forest Range Officer, Kanigiri 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, Kanigiri 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, Raising of Nursery and construction of RCC Pillars.

Treatment year-2: Raising of SMM Plantations, Erection of Chain link fencing around the Plantation, Maintenance of Nursery and Raising of Nursery for 1<sup>st</sup> Year maintenance of Plantations.

Treatment Year-3: 1<sup>st</sup> Year Maintenance of SMM plantations Maintenance of Nursery and Raising of Nursery for 2nd Year maintenance of Plantations.

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

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

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

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

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

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

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

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

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

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 up-rootal 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; Two inter ploughings and one circular weeding cum deep soil work.

2<sup>nd</sup> Yea Maintenance of plantation includes Two inter ploughings and one Circular weeding cum deep soil work.

3<sup>rd</sup> Year Maintenance of plantation includes one inter ploughings and one Circular weeding cum deep soil work.

4<sup>th</sup> Year Maintenance of plantation includes one inter ploughings and one Circular weeding cum deep soil work.

5<sup>th</sup> Year Maintenance of plantation.

6<sup>th</sup> Year Maintenance of plantation.

7<sup>th</sup> Year Maintenance of plantation.

8<sup>th</sup> Year Maintenance of plantation.

9<sup>th</sup> Year Maintenance of plantation.

10<sup>th</sup> Year Maintenance of plantation.

Provision is made for watch and ward of the plantation with one watcher for upto 20 Ha. If less area prior approval of CF is required. Hence one watcher is proposed on wages, starting from the month of planting to the end of 4<sup>th</sup> year maintenance for better protecting the plantations as per FSR-2022-23 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 Ravi, Neem, Nemalinara, Yepi and other forest species etc., @ 3x3 Espacement i.e., 1111 plants per Ha.

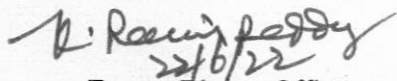
**5. SMC works:** It is proposed to carryout SMC works like for digging of CCTs, CPTs and PTs in plantations and Semi lunar trenches around the plants about 25% of the afforestation cost.

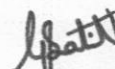
**6. Chain Link Fencing around the CA Area:** In the said CA proposals provision is made for Chain Link Fencing around the proposed CA area.

**6111756/2022/FGA-PCGE 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 Kanigiri Range and etc.,

**8. Administration cost:** Provision is made in the scheme @ 10% of the afforestation cost towards Engaging of Data Entry Operator, Non Technical Maistry for Kanigiri Range & Division Offices and other miscellaneous items like, cost of Stationery, Computers & Fax Machines etc.,

**9. Cost of the Project:** The total cost of the Project will be **Rs.87.000 lakhs** as per the details given in the Abstract statement enclosed.

  
22/6/22  
Forest Range Officer,  
Kanigiri.

  
Divisional Forests Officer,  
Giddalur.

6111756/2022/FOA-PCCF of the Project:-

Diversion of forest land to an extent of 4.84 Ha in Guntur Division for quarry lease for limestone (Minor) in Compt.No.102 of Janapadu RF, Guntur Range of Guntur Division in favour of Sri.G.Pavan Kumar Reddy - Non forest area identified in Giddalur (T) Division for raising of Compensatory Afforestation - Reg.

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**File No.:** PCCF, Guntur Rc.No.EFS02/15029/7/2021/FCA SEC-PCCF/FCA-3,  
**Date of Instructions:** 27.05.2022.

### "SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme for Compensatory Afforestation to be carried out in identified Non-Forest land CA an extent of 4.10 Ha in Giddalur (T) Division and it is an Non-Forest Land in lieu of 4.84 Ha. of Forest area to be Diverted in Compt.No.102 of Janapadu RF, Guntur Range, Giddalur Division in favour of Sri.G.Pavan Kumar Reddy.

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

Sl. No	Name of the individual	Village/ Mandal/ District	Sy. No	Extent in Acres as per DGPS Survey	Extent in Ha as per DGPS Survey	Required of land proposed by user agency towards CA land as per authentication (Ha.)
1	Sri.G.Pavan Kumar Reddy	Ekunampuram/ CS Puram Mandal/ Prakasam District	5-1	3.54	1.43	4.41
			5-3A	0.73	0.29	
			5-4	0.68	0.27	
			5-5	4.46	1.80	
			6-2	0.82	0.33	
			9-2	0.81	0.33	
			7-1	1.96	0.79	0.79
		<b>Total:</b>		<b>13.00</b>	<b>5.24</b>	<b>5.20 Ha</b>

#### CA Scheme prepared for 4.10 Ha

a	Name of Forest Division	Giddalur (T) Division
b	Range	Kanigiri
c	Block/Compartment/Survey No	Sy.No.5-1, 5-3A, 5-4, 5-5, 6-2, 7-1 and 9-2 of Ekunampuram Village, CS Puram Mandal, Prakasam District Area to be afforested: <b>4.10 Ha.</b>
<b>2</b>	<b>Description of Area</b>	
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 contiguous to the Veligonda Reserve Forest.
IV	Soil type	Red Loamy
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 trees and bushes
3	<b>Plantation Model:-</b>	
	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)
<b>I</b>	<b>Plantations</b>			
1	Advance operations	4.10 Ha	0.620	2.542
2	Raising of Nursery for Planting	5500 Nos	13.22	0.727
3	Raising of plantations	4.10 Ha	1.300	5.330
4	Maintenance of Nursery	5500 Nos	8.261	0.454
5	Raising of Nursery for 1 <sup>st</sup> Year Maint	1200 Nos	14.543	0.175
6	1st year maintenance	4.10 Ha	0.530	2.173
7	Maintenance of Nursery	1200 Nos	9.087	0.109
8	Raising of Nursery for 2nd Year Maint	1200 Nos	15.997	0.192
9	2nd year maintenance	4.10 Ha	0.600	2.460
10	Maintenance of Nursery	1200 Nos	9.995	0.120
11	3rd year maintenance	4.10 Ha	0.415	1.702
12	4th year maintenance	4.10 Ha	0.190	0.779
13	5th year maintenance	4.10 Ha	0.065	0.267
14	6th year maintenance	4.10 Ha	0.072	0.295
15	7th year maintenance	4.10 Ha	0.079	0.324
16	8th year maintenance	4.10 Ha	0.087	0.357
17	9th year maintenance	4.10 Ha	0.095	0.390
18	10th year maintenance	4.10 Ha	0.105	0.431
	<b>Sub Total</b>			<b>18.825</b>
<b>II</b>	<b>Chain Link Fencing around the CA area</b>			
1	Erection of Chain Link fencing around the CA Plantation	2223 Rmt	0.0176	39.169
2	Salvaging of old Chain link for 10 Years	3335 Sqmt	--	4.078
	<b>Sub Total</b>			<b>43.247</b>
	<b>Sub Total (Plantation cost)</b>			<b>62.072</b>



Sl. No.	Name of the work	Quantity in Ha/ Rmt	Unit Cost	Amount (in Lakhs)
III	SMC Works (25% of the total planting Cost)		--	15.518
IV	Monitoring & Evaluation 5% of the total planting Cost		--	3.104
V	Administrative Cost @ 10% of the total planting Cost)		--	6.207
	For Rounded			0.099
	<b>Grand Total:</b>			<b>87.000</b>

**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 2023-24 to 2034-35 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 contiguous to the Veligonda 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 5.20 Ha and CA Scheme is prepared for <b>4.10 Ha</b> is suitable for Compensatory Afforestation with an outlay of <b>Rs.87.000 lakhs</b> which is situated in above mentioned table, Kanigiri Range of Giddalur (T) Division.</p> <p>Hence proposed Non-Forest land for CA may be accepted.</p>


*[Signature]*  
22/6/22  
Forest Range Officer,  
Kanigiri.

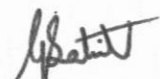
*[Signature]*  
Divisional Forests Officer,  
Giddalur.

**LAND SUITABILITY CERTIFICATE**

It is to certified that the non-forest land to an extent of 5.20 Ha identified in Survey no.5-1, 5-3A, 5-4, 5-5, 6-2, 7-1 and 9-2 of Ekunampuram Village, CS Puram Mandal, Prakasam District for raising of Compensatory Afforestation is contiguous to the Reserve Forest and it is suitable for Raising of Compensatory Afforestation from the management and protection point of view.

Sl. No	Village/ Mandal/ District	Sy. No	Extent in Acres as per DGPS Survey	Extent in Ha as per DGPS Survey	Area proposed for CA as per Authentication in Ha	Remarks
1	Ekunampuram/ CS Puram Mandal/ Prakasam District	5-1	3.54	1.43	4.41	CA Scheme prepared for 4.10 Ha
		5-3A	0.73	0.29		
		5-4	0.68	0.27		
		5-5	4.46	1.80		
		6-2	0.82	0.33		
		9-2	0.81	0.33		
		7-1	1.96	0.79	0.79	
	<b>Total</b>		<b>13.00</b>	<b>5.24</b>	<b>5.20</b>	

  
22/6/22  
Forest Range Officer,  
Kanigiri.

  
Divisional Forest Officer,  
Giddalur.

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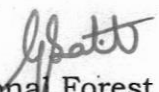
**Site Inspection Report of Sri.G.Satish, S.F.S., Divisional Forest Officer, Giddalur for Non-Forest Land extent of 5.20 Ha identified by the user agency i.e., Sri. G.Pavan Kumar Reddy in Sy.No.5-1, 5-3A, 5-4, 5-5, 6-2, 7-1 and 9-2 of Ekunampuram Village of CS Puram Mandal, Kanigiri Range of Giddalur Division in lieu of Diversion of 4.84 Ha of Forest Land in Compt. No.102, Janapadu RF, Guntur Range, Guntur Division for grant of Quarry Lease for limestone (Minor) on 23.03.2022.**

&&&

I have inspected the Non-Forest Land over an extent of 5.20 ha. in Sy.no.5-1, 5-3A, 5-4, 5-5, 6-2, 7-1 and 9-2 of Ekunampuram Village, Chandrasekharapuram Mandal, Kanigiri Range, Giddalur Division, Prakasam District in lieu of Diversion of 4.84 Ha (3.99 Ha for mining area + 0.77 Ha of Safety Zone area + 0.04 Ha for Dumping area + 0.04 Ha for Magazine area) of Forest Land in Compartment no.102, Janapadu RF, Guntur Range, Guntur Division for grant of quarry lease for limestone (Minor) on 23.03.2022 along with the Forest Range Officer, Kanigiri and concerned field staff.

The Non-Forest Land to an extent of 5.20 ha identified by the user agency is adjacent to the Veligonda Reserve Forest, Kanigiri Range of Giddalur Division, Prakasam District. The Non-Forest Land is having natural growth with species of Chikireni, Ullinda, Janku, Gottika, Munkudu, Musti and EP etc. The site is suitable for raising of AR Model plantation with forest species and it can be treated with some SMC Works.

The soil is mostly red loamy type and it is suitable for raising Compensatory Afforestation Plantation with Misc. species (NTSH) like Ravi, Tellamaddi, Neem, Neredu, and other miscellaneous forest species.

  
Divisional Forest Officer,  
Giddalur.



313

**GOVERNMENT OF ANDHRA PRADESH  
FOREST DEPARTMENT**

**Rc.no.1267/2021-TO,**  
Dated.04-07-2022.

O/o The Conservator of Forests,  
Guntur Circle, Guntur.

**Sri Y. Srinivasa Reddy, IFS.,**  
Chief Conservator of Forests,  
Guntur Circle, Guntur.

\* \* \*

Sub: APFD - F(C) Act, 1980 - Diversion of 4.84ha. of forest land in compartment no.102 of Janapadu RF, Guntur Range of Guntur Division for quarry lease for limestone (minor) in favour of Sri G.Pavan Kumar Reddy- Degraded forest land identified for raising of elsewhere SZA- CA Scheme proposals submitted by the DFO, Guntur for administration approval- approval accorded-Reg.

Ref: 1.PrI.CCF,AP, Guntur Rc.no.EFS02-15029/7/2021-FCASEC-PCCF/ FCA-3,  
dt.14.12.2021 & 11.05.2022.

2. DFO, Giddalur Rc.no.1882/2021-TA, dt.23.06.2022.

3. DFO, Guntur Rc.no.1297/2021-TO, dt.30.06.2022.

\* \* \*

Attention of the District Forest Officer (T), Guntur is drawn to the references cited above. He is informed that, the CA Scheme prepared for Afforestation plan for 1\_1/2 times of SZA area over an extent of 1.155 ha., identified degraded Forest area in Compartment no.127, Kondaveedu RF, Ameenabad Beat of Guntur Range of Guntur Division in lieu of proposals for diversion of 4.84ha. of forest land in compartment no.102 of Janapadu RF, Guntur Range of Guntur Division for quarry lease for limestone (Minor) in favour of Sri G.Pavan Kumar Reddy and submitted in the reference 3<sup>rd</sup> cited duly adopting the rates of FSR-2022-23 of Guntur Circle is hereby approved for Rs.22.00 Lakhs on the personal responsibility of the District Forest Officer, Guntur and subject to the revision of rates in future at the time of raising demand to the user agency and he is instructed to upload information pertaining to Part-II of proposal in the Ministry's web site "PARIVESH" portal as per the instructions issued by the PrI.CCF,AP, Guntur time to time and rules in vogue.

Encl. Abstract.

Sd/-Y.Srinivasa Reddy,  
Chief Conservator of Forests,  
Guntur Circle, Guntur.

To  
The District Forest Officer (T), Guntur.

// T C B O //

*Gms Nair*  
Tech. Officer 4/9/22

**Statement Showing the afforestation Scheme Proposals over an extent of 1.155 Ha (1\_1/2 times SZA area of Sri.G.Pavan Kumar Reddy Quarry lease) in degraded Kondaveedu RF , Compt.no.127 of Gunutr Range, Guntur Division**

(Phy. In Ha, Nos, Rmt and Rs.in Lakhs)

Sl. No	Name of the work	Unit cost		2023-24		2024-25		2025-26		2026-27		2027-28		2028-29		2029-30		2030-31		2031-32		2032-33		2033-34		2034-35		Amount	
		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	Phy	Fin
1	Plantations (SMM Method)																												
1	Advance operations (1.10ha)	1 Ha	0.627	1.155	0.724																						1.155	0.724	
2	Raising of Nursery	Nos	13.565	1505	0.204																						1505	0.204	
3	Raising of plantations	1 Ha	1.226			1.155	1.416																				1.155	1.416	
4	Maintenance of Nursery	Nos	7.920			1505	0.119																				1505	0.119	
5	Raising of Nursery for 1st year maint	Nos	14.922			321	0.048																				321	0.048	
6	1st year maintenance	1 Ha	0.504					1.155	0.582																		1.155	0.582	
7	Maintenance of Nursery	Nos	8.712					321	0.028																		321	0.028	
8	Raising of Nursery for 2nd year maint	Nos	16.414					321	0.053																		321	0.053	
9	2nd year maintenance	1 Ha	0.547							1.155	0.632																1.155	0.632	
10	Maintenance of Nursery	Nos	9.583							321	0.031																321	0.031	
11	3rd year maintenance	1 Ha	0.412									1.155	0.476														1.155	0.476	
12	4th year maintenance	1 Ha	0.195											1.155	0.225												1.155	0.225	
13	5th year maintenance	1 Ha	0.061													1.155	0.070										1.155	0.070	
14	6th year maintenance	1 Ha	0.067															1.155	0.077								1.155	0.077	
15	7th year maintenance	1 Ha	0.073																	1.155	0.085						1.155	0.085	
16	8th year maintenance	1 Ha	0.081																		1.155	0.093					1.155	0.093	
17	9th year maintenance	1 Ha	0.089																				1.155	0.103			1.155	0.103	
18	10th year maintenance	1 Ha	0.098																						1.155	0.113	1.155	0.113	
	Sub-Total>				0.928		1.584		0.663		0.663		0.476		0.225		0.070		0.077		0.085		0.093		0.103		0.113		5.080

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Sl. No	Name of the work	Unit cost		2023-24		2024-25		2025-26		2026-27		2027-28		2028-29		2029-30		2030-31		2031-32		2032-33		2033-34		2034-35		Amount	
		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	Phy	Fin
II	Chain Link Fencing																												
1	Erection of Chain Link fencing around the CA Plantation	1 Rmt	0.0183		0.000	532	9.722																				532. Rmt	9.722	
2	Salvaging of old Chain link for 10 Years	630. Sqmt	0.8095					0.081		0.081		0.081		0.081		0.081		0.081		0.081		0.081		0.081		0.081		630. Sqm	0.810
	Sub-Total>				0.000		9.722	0.081		0.081		0.081		0.081		0.081		0.081		0.081		0.081		0.081		0.081			10.531
	Sub Total of Plantation cost				0.928		11.305	0.744		0.744		0.557		0.306		0.151		0.158		0.166		0.174		0.184		0.194			15.611
III	SMC works (25% of total planting cost)		3.9027				1.951	1.951		0.000		0.000		0.000		0.000		0.000		0.000		0.000		0.000		0.000		0.000	3.903
IV	Monitoring and Evaluation 5% of total planting cost		0.7805				0.260	0.260		0.260		0.000		0.000		0.000		0.000		0.000		0.000		0.000		0.000		0.000	0.781
V	Administration cost @ 10% on total plantation cost (Wages to NTM, DEO and other office expenditure)	LS	1.7060		0.171		0.171	0.171		0.171		0.171		0.171		0.171		0.171		0.171		0.171		0.000		0.000		0.000	1.706
	Sub-Total>				0.171		2.382	2.382		0.431		0.171		0.171		0.171		0.171		0.171		0.171		0.000		0.000			6.389
	Grand Total>>				1.099		13.687	3.126		1.174		0.728		0.476		0.322		0.329		0.336		0.345		0.184		0.194			22.000

A-1111  
Forest Range Officer  
FOREST RANGE OFFICER  
GUNTUR

HK  
District Forest Officer,  
Guntur

By  
30/6/22

COUNTER SIGNED

Chief Conservator of Forests  
GUNTUR CIRCLE,  
GUNTUR.

b  
4/7/22

3/7

Statement Showing the afforestation Scheme Proposals over an extent of 1.155 Ha (1 1/2 times SZA area of Sri.G.Pavan Kumar Reddy Quarry lease) in degraded Kondaveedu RF, Compt.no.127 of Gunutr Range, Guntur Division

Sl. No.	Name of the work	Year	Quantity in Ha/ Rmt	Unit Cost	Per	Amount (in Lakhs)	Remarks
<b>I</b>	<b>Plantations</b>						
1	Advance operations	2023-24	1.155	0.627	Ha	0.724	
2	Raising of Nursery	2023-24	1505	13.565	Each seedling	0.204	
3	Raising of plantations	2024-25	1.155	1.226	Ha	1.416	
4	Maintenance of Nursery	2024-25	1505	7.920	Each seedling	0.119	
6	Raising of Nursery for 1st year maint	2024-25	321	14.922	Each seedling	0.048	
5	1st year maintenance	2025-26	1.155	0.504	Ha	0.582	
7	Maintenance of Nursery	2025-26	321	8.712	Each seedling	0.028	
8	Raising of Nursery for 2nd year maint	2025-26	321	16.414	Each seedling	0.053	
9	2nd year maintenance	2026-27	1.155	0.547	Ha	0.632	
10	Maintenance of Nursery	2026-27	321	9.583	Each seedling	0.031	
11	3rd year maintenance	2027-28	1.155	0.412	Ha	0.476	
12	4th year maintenance	2028-29	1.155	0.195	Ha	0.225	
13	5th year maintenance	2029-30	1.155	0.061	Ha	0.070	
14	6th year maintenance	2030-31	1.155	0.067	Ha	0.077	
15	7th year maintenance	2031-32	1.155	0.073	Ha	0.085	
16	8th year maintenance	2032-33	1.155	0.081	Ha	0.093	
17	9th year maintenance	2033-34	1.155	0.089	Ha	0.103	
18	10th year maintenance	2034-35	1.155	0.098	Ha	0.113	
	<b>Sub Total</b>					<b>5.080</b>	
<b>II</b>	<b>Chain Link Fencing</b>						
1	Erection of Chain Link fencing around the Degrded CA Plantation		532.0	0.0183	Rmt	9.722	
2	Salvaging of old Chainlink for 10 Years		532.0			0.810	
	<b>Sub Total</b>					<b>10.531</b>	
	<b>Total cost of Plantation</b>					<b>15.611</b>	
<b>III</b>	SMC works (25% of total planting cost)			3.9027		3.903	
<b>IV</b>	Monitoring and Evaluation 5% of total planting cost			0.7805		0.781	
<b>V</b>	Administration cost @ 10% on total plantation cost (Wages to NTM, DEO and other office expenditure)			1.706		1.706	
	<b>Grand Total:</b>					<b>22.000</b>	

A. MYA  
FOREST RANGE OFFICER  
GUNTUR

District Forest Officer,  
Guntur

By  
30/4/22



Standard Unit Cost for Advance Operations for 1 Ha degraded RF in Guntur Division of Guntur Circle (As per FSR 2022-23)						
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	456.00	Day	456.00
		<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>				
2	1.00	Medium Jungle Growth (>30% ground area covered with Jungle growth)	02-05-005	11198.92	Ha	11198.92
3	150	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	7.89	Rmt	1183.50
		<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>				
4	1.00	Medium Jungle Growth (>30% ground area covered with Jungle growth)	02-05-010	28283.72	Ha	28283.72
		<b>Collection and removal of uprooted stumps of all sizes, other debris etc., to outside the plantation site.</b>				
5	1.00	Medium Jungle Growth (>30% ground area covered with Jungle growth)	02-05-014	14628.41	Ha	14628.41
6		Contingencies				1249.45
		<b>Total Cost</b>				<b>57000.00</b>

Unit cost for 2022-23 57000.00 Per Ha  
 Add 10% for 2023-24 62700.00 per Ha

A. MYA  
 FOREST RANGE OFFICER  
 GUNTUR

THK  
 District Forest Officer,  
 Guntur

By  
 30/6/22



323

**STANDARD UNIT COST FOR RAISING OF 6"X12" NTSH BAG PLANTS NURSERY (As per FSR 2022-23)**

Sl. No.	Qty.	Description of work	2021-22 FSR Item No.	Rate	Per/ Unit	Amount
1	2	3	4	5	6	7
		<b>Raising of Bag plant nursery in Polythene bags of different sizes and arranging in beds (Bed size 10Mx1M)</b>				
1	1100 Nos.	Site preparation for old site - Clearing of growth, weeds, grass etc.	01-05-002	18.02	Bed/ 1100	18.02
		<b>Cost and transport of ingredients for Potting mixture Red Soil and Clayey Soil in 2:1 ratio as per CSSR 2011-12</b>				
2	1100 Nos.	15 cm X 30 cm (6" X 12") 2.15 cum.	01-05-005	745.08	1000 Nos.	819.59
		<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>				
3	1100 Nos.	15 cm X 30 cm (6" X 12") 2.15 cum.	01-05-011	1804.07	1000	1984.48
4	1150 Nos./ 10 Kgs	Cost of Polythene bags (@ 115 Nos./Kg) Tender rate	01-05-015	144.93	Kg	1449.30
5	1100 Nos.	Picking out seedlings from primary beds and transplanting in bags.	01-05-016	191.070	1000	210.18
6	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	441.46	Bed/ 1100/ month	2006.64
7	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	68.07	Bed/ 1100/ weeding	123.76
8	1000 Nos./ 1 time	Shifting & grading and rearranging in beds for 10mx1m size bed (6x12 bags-1100 Nos) only once	01-05-024	375.39	Bed/ 1100/ shifting	341.26
9		Cost of chemicals, insecticides, pesticides etc.,	01-05-025	Actuals		350.00
10	1000 Nos./ 1 time	Cost of cow dung slurry	01-05-033	As per actuals		350.00
11	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) <b>Note:</b> Watering should not be done 12 hours before and after application of cow dung slurry	01-05-034	282.78	1000/ time	282.78
12	1000 Nos / 25 Rmt	<b>Brush wood fencing around the planting area:</b> 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 1.5 m and fencing material should be fixed in 2 rows (staggered) at 30 cm apart. The fence should be tightened horizontally by tying with thorny reapers on both sides.	01-05-039	38.35	Rmt	958.75
13	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 per 100 beds. (26 days per month)	01-05-041	481.00	Day	625.00
14	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.		918.00
		<b>Total :</b>				<b>10437.76</b>

A- Unit cost per primary bed

1.89

B- Unit cost per bag plant

10.44

Total unit cost per bag plant (A+B)

12.33

Add 10% for 2023-24

13.57

Add 10% for 2024-25

14.92

Add 10% for 2025-26

16.41

Each bag plant

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6111797/2022/FCA -PCCF

**Standard Unit Cost for Raising of NTSH Plantations under SMM Method for NTSH Unit cost for 1 Ha degraded RF in Guntur Division of Guntur Circle (As per FSR 2022-23)**

Sl. No.	Qty.	Description of work with detailed specifications	FSR Code	Rate in Rs.	Per/ Unit	Amount
		<b>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)</b>				
1	1.00	Hard /Gravelly Soils	02-05-020	7263.38	Ha	7263.38
2	1.00	Removing congestion of root suckers and other uprooted material hindering the effective ploughing (For non-tilled areas only)	02-05-024	1245.09	Ha	1245.09
		<b>Alignment &amp; Staking</b>				
3	1111	Alignment and staking including laying base line for Misc species with espacement 3mX3m (1111 Nos)	02-06-003	108.16	100 Nos	1201.66
4	1111	Cost of 0.45M Stake preparation and transportation to site.	02-06-005	70.42	100 Nos	782.37
		<b>Transport of Bag plants / Root trainer plants from nursery site to plantation site including loading and unloading upto 50 Km lead (5 Km lead)</b>				
5	1111.00	15X30cm (6"X12") bag plants	02-06-009	185.09	100 Nos	2056.350
		<b>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</b>				
6	1111.00	15 X 30cm (6"X12") bag plants	02-06-014	292.05	100 nos/ km	3244.676
		<b>Internal transport of bag plants/root trainers to planting points on head loads.</b>				
7	1111	15X30cm (6"X12") bag plants	02-06-019	118.73	100 Nos	1319.09
		<b>Digging of pits in ploughed areas</b>				
8	1111	Digging of 45 cm. cube pits	02-06-027	11.89	Each	13209.79
		<b>Application of Fertilizers</b>				
9		Cost of Chemical fertilisers (50 gm SSP for basal dressing, 20 gm 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		30.00	Kg	1680.00
	22.00	a) Cost of DAP @ 20 Grams/Pit - 22 Kgs/Ha		45.00	Kg	990.00
10	1111	Application of fertilizer after planting by making 3 holes of 10 cms depth with crow bar . 10 cms away from plant amd putting fertilizers and closing	02-06-032	50.79	100 Nos	564.28
		<b>Planting bag plants</b>				
11	1111	45cmX45cmX45 cm pits	02-06-034	565.54	100 Nos	6283.15
12	1111	Provision of watering during planting as per PCCFs Circular 6B/06/G1, (Rc.No. 17309/2000-G1, dt: 16.08.2005) with the permission Circle Head (Two Waterings) As per condition no.80 of Guntur FSR-2021-22	02-06-054	3.26	Plant per time	7243.72
13		Replacement of Casualties 15% during raising year	02-06-036			
	167	a) Reopening of pits		594.50	100 Nos	990.73
	167	b) Transport of bag plants over 50 Km		477.14	100 Nos	796.82
	167	c) Internal transport		118.73	100 Nos	198.28
	167	d) Planting		565.54	100 Nos	944.45
		<b>Weeding &amp; Soil working</b>				
14	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 gravelly soils.	02-06-041	848.32	100 Nos	9424.84
		<b>Inter ploughing</b>				
15	1.00	1st Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravelly soils	02-06-045	4841.54	Ha	4841.54
16	1.00	2nd Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravelly soils	02-06-045	4841.54	Ha	4841.54
17	150	Creation of sectorlines/inspection paths/ fire lines 3 mts wide around the plantation	02-06-049	7.89	Rmt	1183.50
18	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	481.00	Day	5002.00
19	1111	Provision of watering during planting as per PCCFs Circular 6B/06/G1, (Rc.No. 17309/2000-G1, dt: 16.08.2005) with the permission Circle Head (Six Waterings) As per condition no.80 of Guntur FSR-2021-22	02-06-054	3.26	Plant per time	21731.16
20		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	4312.40
		<b>Total cost</b>				<b>101350.81</b>

Unit cost for 2022-23  
Add 10% for 2023-24  
Add 10% for 2024-25

101350.81  
111485.89  
**122634.48 Per Ha**

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**Standard Unit Cost for 2nd Year Maintenance of NTSH Plantations under SMM Method for NTSH Unit cost  
for 1 Ha Degraded RF in Guntur Division of Guntur Circle  
(As per FSR 2022-23)**

SL.N o	Qty	Details of work	FSR Item No.	Per	Unit	Amount
	(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		Replacement of Casualties 10% in 2nd year maint.( Watering applicable) (as per condition no.78 of FSR 2022-23 with the prior permission of the Circle Head)	02-07-001			
	111	a) Reopening of pits		1189.00	100 Nos	1319.79
	111	b) Transportation of seedlings.		477.14	100 Nos	529.63
	111	c) Internal transport		118.73	100 Nos	131.79
	111	d) Planting		565.54	100 Nos	627.75
2	1111	Provision of watering during planting as per PCCFs Circular 6B/06/G1, (Rc.No. 17309/2000-G1, dt: 16.08.2005) with the permission Circle Head.As per condition no.80 of Guntur FSR-2021-22	02-06-054	3.26	Plant per time	3621.86
3	167	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	02-08-002	50.79	100 Nos	84.82
4		Cost of Chemical fertilisers (50 grm SSP for basal dressing, 20 grm DAP for backward plants).	02-08-001			
	5.55	a) Cost of SSP @ 50 Grams/Pit - 14 Kgs/Ha		30.00	Kg	166.50
	2.22	a) Cost of DAP @ 20 Grams/Pit - 6 Kgs/Ha		45.00	Kg	99.90
5	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	848.32	100 Nos	9424.84
		<b>Inter ploughing</b>				
6	1.00	1st Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils	02-08-008	4841.54	Ha	4841.54
7	1.00	2nd Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils ( As per condition no.69 of Guntur FSR-2022-23) with the prior permission of the Circle Heads	02-08-008	4841.54	Ha	4841.54
8	150	Creation of sectorlines/inspection paths/ fire lines 3 mts wide around the plantation	02-08-012	7.89	Rmt	1183.50
9	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	02-07-017	481.00	Day	7503.60
10	1000	Pruning of lower foliage/ branches of NTFP /NTSH/Misc species like kanuga, Neem. Usiri. Seethaphal etc., plants upto 1/3rd height.	02-08-015	160.56	100 Nos	1605.60
11		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		1390.35
		<b>Total Cost</b>				<b>37373.00</b>

Unit Cost for 2022-23 37373.00  
 Add 10% For 2023-24 41110.30  
 Add 10% for 2024-25 45221.33  
 Add 10% for 2025-26 49743.00  
**Add 10% for 2026-27 54717.00**

A. M. K.  
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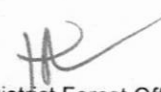
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**Standard Unit Cost for 4th Year Maintenance of NTSH Plantations under SMM Method for NTSH Unit  
cost for 1 Ha I degraded RF in Guntur Division of Guntur Circle (As per FSR 2022-23)**

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	150	Creation of sectorlines/inspection paths/ fire lines 3 mts wide around the plantation	02-10-001	7.89	Rmt	1183.50
2	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	02-07-017	481.00	Day	7503.60
3	1111	Pruning of lower foliage/ branches of NTFP /NTSH/Misc species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3rd height.	02-10-003	160.56	100 Nos	1783.82
4		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		518.08
		<b>Total Cost</b>				<b>10989.00</b>

Add 10% for 2022-23	10989.00	Ha
Add 10% for 2023-24	12088.00	Ha
Add 10% for 2024-25	13297.00	Ha
Add 10% for 2025-26	14627.00	Ha
Add 10% for 2026-27	16090.00	Ha
Add 10% for 2027-28	17699.00	Ha
<b>Add 10% for 2028-29</b>	<b>19469.00</b>	<b>Ha</b>

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**Data sheet for Maint., of Chain Link Fencing around CA Area  
(As per FSR 2022-23)**

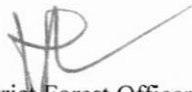
Sl. No.	Qty.	Description of work	2021-22 FSR Item No.	Rate	Per/ Unit	Amount
1	2	3	4	5	6	7
1	630	Salvaging of old chain link ( 532*1.50 = 630 sqmt)	05-05-004	5.73	1 sqmt	3609.90
2		Contingencies	02-13-003	LS		0.10
		<b>Total</b>				<b>3610.00</b>

Unit cost for 2022-23 3610.00  
 Add 10% for 2023-24 3971.00  
 Add 10% for 2024-25 4368.10  
 Add 10% for 2025-26 4804.91  
 Add 10% for 2026-27 5285.40  
 Add 10% for 2027-28 5813.94  
 Add 10% for 2028-29 6395.34  
 Add 10% for 2029-30 7034.87  
 Add 10% for 2030-31 7738.36  
 Add 10% for 2031-32 8512.19  
 Add 10% for 2032-33 9363.41  
 Add 10% for 2033-34 10299.75  
 Add 10% for 2034-35 11329.73  
**80945.99**

**OR**

1st Year  
 2nd Year  
 3rd Year  
 4th Year  
 5th Year  
 6th Year  
 7th Year  
 8th Year  
 9th Year  
 10th Year

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**ABSTRACT ESTIMATE**

Estimate for erection of Chain link fencing about 532 Rmt length and 1.50 Mts height around proposed 1.155 Ha (1 1/2 times SZA area of quarry lease of Sri. G. Pavan Kumar Reddy ) in degraded Kondveedu RF of Guntur Range.

Sl. No	Qty.	Units	Description of work	Rate	Per	Amount
1	2	3	4	5	6	7
1	26.18	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)	202.64	Cum	5306
2	26.18	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	5190.59	Cum	135907
3	532.00	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 ), with Painting two coats including priming	1014.42	Rmt	539670
			<b>Sub total</b>			<b>680883</b>
			GST @ 12% of estimate cost			81706
			Labour Cess @ 1% of estimate cost			6809
			Contingencies @ 5% on estimate cost			34044
			<b>Total cost</b>			<b>803442</b>

Unit cost for 2022-23 803442  
 Add 10% for 2023-24 883786  
 Add 10% for 2024-25 972165  
**Rate per 1 Rmt 1827.38 Rmt**

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**DETAILED ESTIMATE**

Estimate for erection of Chain link fencing about 532 Rmt length and 1.50 Mts height around proposed 1.155 Ha (1 1/2 times SZA area of quarry lease of Sri. G. Pavan Kumar Reddy ) in degraded Kondveedu RF of Guntur Range.

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 = 532 RMT as per sketch	532.0					
	For Fencing Angels @ Every 3mtr Intravals	177	0.45	0.45	0.45	16.16	
	Support Angels @ Every 10th Angle (532/10x2= 84)	106	0.45	0.45	0.45	9.66	
	Support Angulars in corners and addl support	4	0.45	0.45	0.45	0.36	
	<b>Total Qty</b>					<b>26.18</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 =532. RMT as per sketch						
	For Fencing Angels @ Every 3mtr Intravals	177	0.45	0.45	0.45	16.16	
	Support Angels @ Every 10th Angle	106	0.45	0.45	0.45	9.66	
	Support Angulars in corners and addl support	4	0.45	0.45	0.45	0.36	
	<b>Total Qty</b>					<b>26.18</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	532.0	-	-	532.0	Rmt

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## DATA SHEET -SSR 2022-23

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	490.00	1783.60
	b&c) Overheads & Contractors Profit				242.84
	Cost for 10 cum = a+b+c				2026.44
	Rate per cum = (a+b+c)/10				202.64
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:				
BLD-CSTN-3-12	Cement	Kg	275.00	3.714	1021.30
	Coarse aggregate 20mm	cum	0.90	1601.10	1440.99
	Fine aggregate (Sand)	cum	0.48	1322.70	634.90
	Water (including for curing) (Rural) MAT- 00332	kl	1.20	88.00	105.60
	B. MACHINERY				0.00
	Concrete Mixer 10/7cft(0.2/0.8 Cum) capacity	hour	1.00	626.20	626.20
	C. LABOUR:				0.00
	Mason 1 <sup>st</sup> class	day	0.10	585.00	58.50
	Mazdoor (unskilled)	day	1.39	490.00	681.10
	<b>Sub total</b>				<b>4568.58</b>
	Overheads & Contractors Profit		13.615%		622.01
	<b>Grand Total</b>				<b>5190.59</b>
RBR-TSRA-7	<b>Painting on Steel Surfaces</b>				
	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				
	<b>a) Labour</b>				
	Painter CL-1	day	0.00	655.00	0.00
	Painter (2nd Class)	day	0.60	525.00	315.00
	Mazdoor (Unskilled)	day	0.40	490.00	196.00
	<b>b) Material</b>				
	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>798.60</b>
	Overheads & Contractors Profit		13.615%		108.73
	Cost for 10 sqm = a+b+c+d				<b>907.33</b>
	<b>Rate per sqm = (a+b+c+d)/10</b>				<b>90.733</b>

LEAD STATEMENT- 2022-23

Sl. No.	Description	SOR Item Code	Source of Materail	Lead in KM	Initial Cost	Conveyance Charges	Deduct 1 Km lead	Net Conveyance	Add Seiginorage	Total (6+9+10)	Unit Per
1	2	3	4	5	6	7	8	9	10	11	13
1	Cost of Cement	G.O.RT.No. 335, TRANSPORT, ROADS AND BUILDINGS (R-I) DEPARTMENT Dated: 14-10-2020.	At site/ Perecherla	5	3680.00	54.10	20	33.80	0	3713.80	1 MT
2	Cost of Sand (Unscreened)	GO MAT-00027	Reach at Didugu	50	605.00	651.40	33.700	617.70	100	1322.70	1 Cum
3	Cost of 20 mm Metal	M-53 MAT-00218	Perecherla	8	1418.00	125.60	32.50	93.10	90	1601.10	1 Cum
4	Cost of Anglers & Flats	ENC, PH&ME, Guntur No. Lr No C.Memo.No. 146/T4/AE/steel/2022dt. 17-5-2022	At site/ Perecherla	5	63000.00	54.10	20	33.80	0	63033.80	1 MT

A- H<sup>Y</sup>  
 FOREST RANGE OFFICER  
 GUNTUR

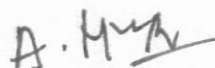
  
 District Forest Officer,  
 Guntur

By  
 30/6/22



**SOIL SUITABILITY CERTIFICATE**

Certified that I have inspected and selected the site for raising of plantation of 1.20Ha of NTSH/HWS Species in Compt No:127 of Kondaveedu RF of Ameenabad bear and after ascertaining soil and rainfall requirements. I am satisfied that the site selected is suitable and fit for raising plantation of species NTSH/HWS



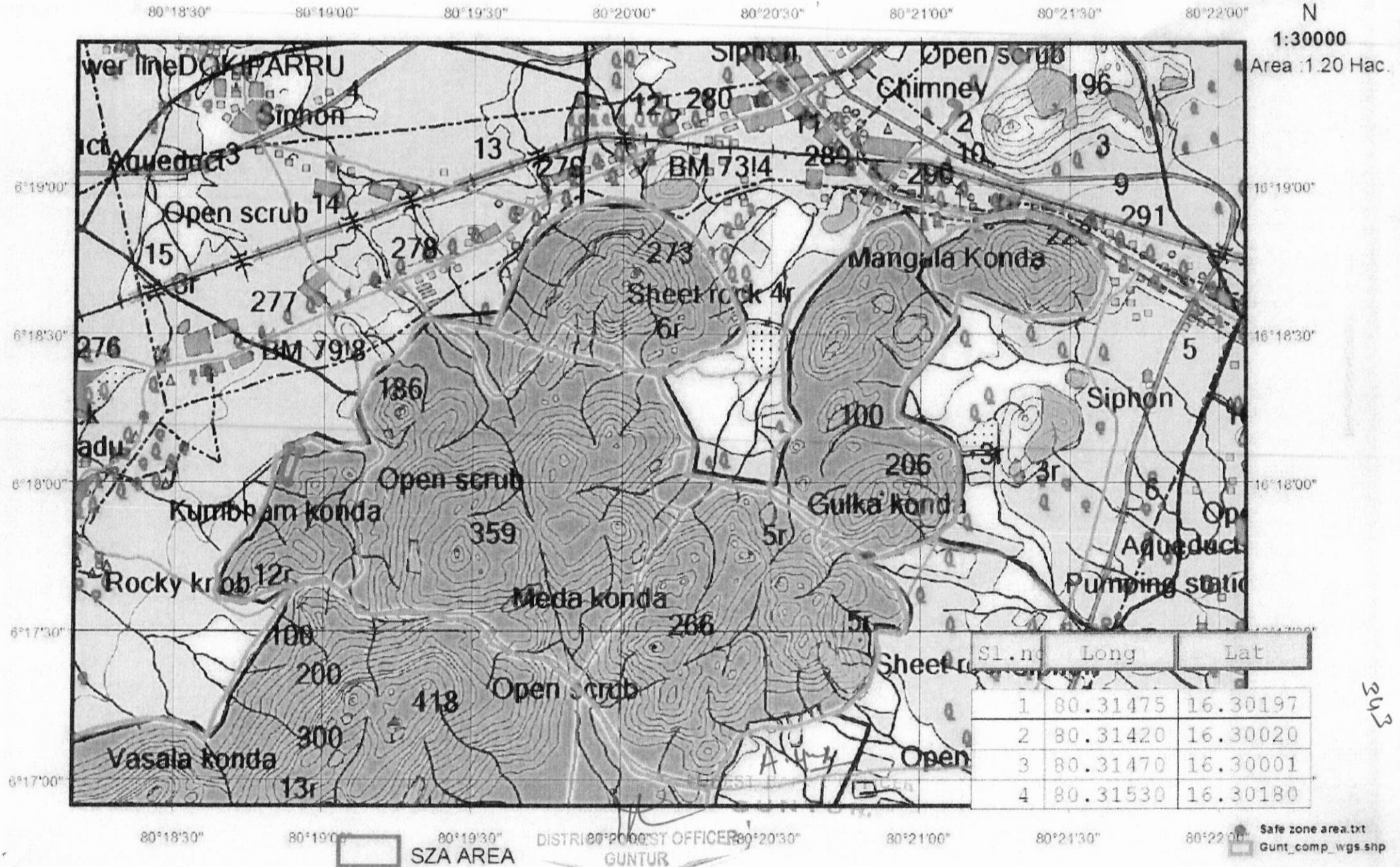
**Forest Range Officer  
Guntur**



**District Forest Officer  
Guntur**



LOCATION MAP OF CA AREA (DEGRADED RF) OVER AN EXTENT OF 1.20 HA (1 1/2 TIMES TO SZA) IDENTIFIED IN COMPARTMENT NO.127, KONDAVEEDU RF, AMEENABAD BEAT, GUNTUR SECTION OF GUNTUR RANGE IN LIEU OF DIVERSION OF 4.84 HA FOREST LAND IN JANAPADU RF, COMPARTMENT NO.102, GUNDIAPALLI BEAT, NIKARIKALLU SECTION IN GUNTUR RANGE.



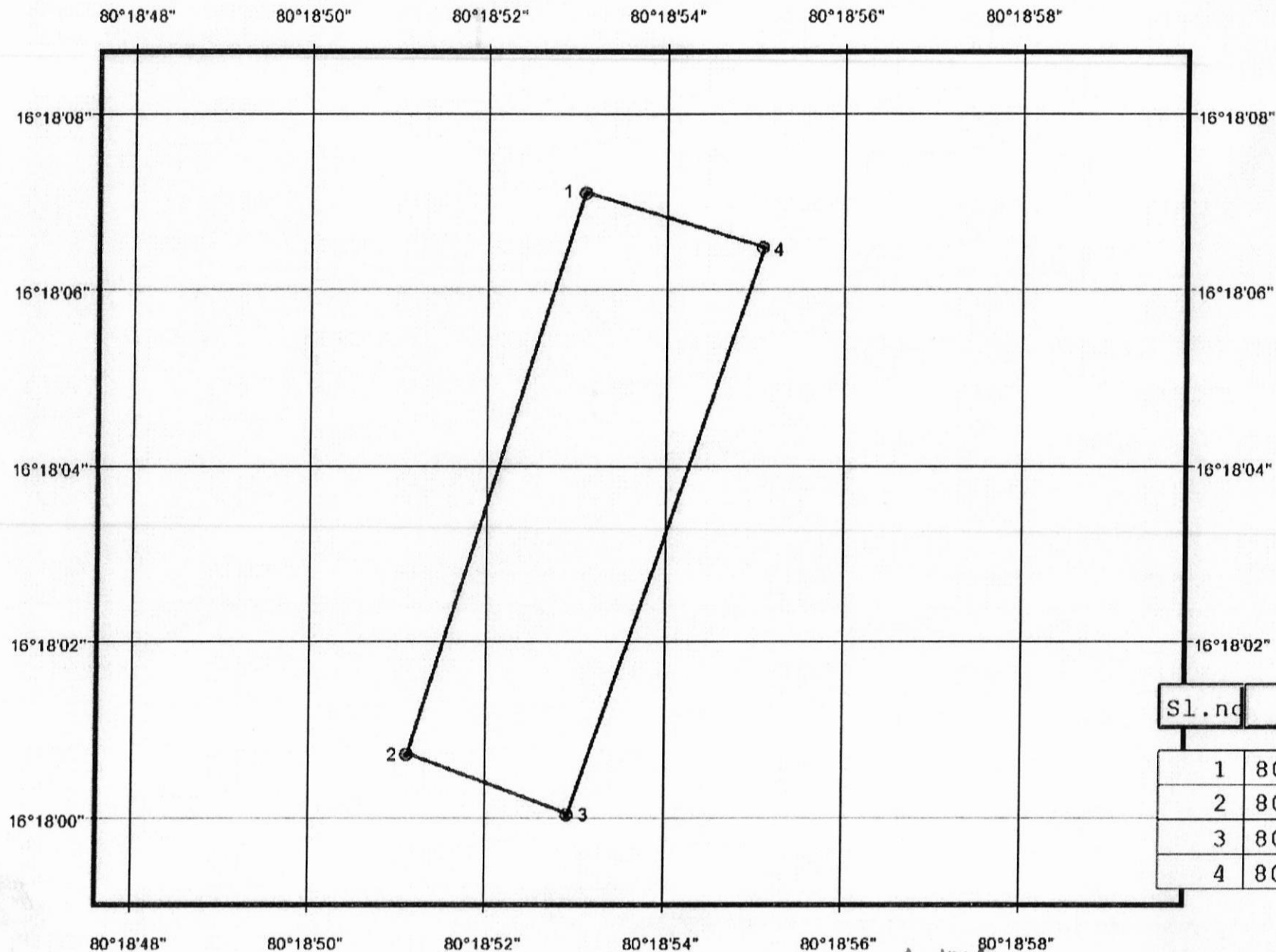
6111797/2022/FCA-PCCF

STIPULATED PATCH OF CA AREA ( DEGRADED RF ) OVER AN EXTENT OF 1.20 HA ( 1 1/2 TIMES TO SZA ) IDENTIFIED IN  
COMPARTMENT NO:127 OF KONDAVEEDU RF, AMEENABAD BEAT, GUNTUR SECTION OF GUNTUR RANGE IN LIEU OF  
DIVERSION OF 4.84 HA FOREST LAND IN COMPARTMENT NO:102, JANAPADU RF, GUNDLAPALLI BEAT OF NEKARIKALLU  
SECTION OF GUNTUR RANGE.



1:2000

Area :1.20 Ha.,



*HK*  
DISTRICT FOREST OFFICER  
GUNTUR

Sl. no	Long	Lat
1	80.31475	16.30197
2	80.31420	16.30020
3	80.31470	16.30001
4	80.31530	16.30180

*A. H. M.*  
FOREST RANGE OFFICER  
GUNTUR.

● GPS READINGS