

**Full Title of the Project:-**

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Diversion of 5.94 ha. of forest land for Rehabilitation and up-gradation of NH-167B from Km 43/097 to Km 99/103 i.e., from Porumamilla to C.S.Puram to two lane with paved shoulders in the State of Andhra Pradesh- Degraded forest land identified for CA- DGPS survey and authentication completed-Reg.

**File No.:** PCCF, Guntur Rc.No. EFS02-15034/25/2018-FCA SEC-PCCF/FCA-3,  
**Date of Instructions:** 15-6-2018.&18-5-2021

**“SCHEME FOR COMPENSATORY AFFORESTATION”**

Detailed scheme for Compensatory Afforestation to be carried out in identified Degraded RF land to an extent of 12 Ha in Guderipalem RF of Udayagiri Range in lieu of diversion of 5.94 ha. of forest land for Rehabilitation and up-gradation of NH-167B from Km 43/097 to Km 99/103 i.e., from Porumamilla to C.S.Puram to two lane with paved shoulders in the State of Andhra Pradesh.

**1. Details of Degrdaed forest land:-**

Sl. No	Name of the individual	Range/ RF	Compt .No.	Extent in Ha as per DGPS Survey	Required of land proposed by user agency towards CA land as per authentication (Ha.)
1	Up-gradation of NH-167B from Km 58/500 from Km 62/963 i.e., from Porumamilla to C.S.Puram to two lane with paved shoulders in the State of Andhra Pradesh.	Udayagiri, Guderipalem RF	475	12	12



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a	Name of Forest Division	Nellore (T) Division
b	Range	Udayagiri
c	Block/Compartment/Survey No	Guderipalem RF, Compt.no.475
<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	Degraded 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	Degraded Forest Land
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
<b>3</b>	<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:-

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

Sl. No.	Name of the work	Year	Quantity in Ha/ Rmt	Unit Cost	Per	Amount (in Lakhs)
<b>I</b>	<b>Plantations</b>					
1	Advance operations	2022-23	12	0.570	Ha	6.840
2	Raising of Nursery	2022-23	13332	12.130	Each seedling	1.617
3	Raising of plantations	2023-24	12	1.180	Ha	14.160
4	Maintenance of Nursery	2023-24	13332	7.270	Each seedling	0.969
6	Raising of Nursery for 1st year maint	2023-24	3333	13.340	Each seedling	0.445
5	1st year maintenance	2024-25	12	0.500	Ha	6.000
7	Maintenance of Nursery	2024-25	3333	8.000	Each seedling	0.267
9	Raising of Nursery for 2nd year maint	2024-25	3333	14.670	Each seedling	0.489
8	2nd year maintenance	2025-26	12	0.440	Ha	5.280
10	Maintenance of Nursery	2025-26	3333	8.800	Each seedling	0.293
11	3rd year maintenance	2026-27	12	0.376	Ha	4.512



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Sl. No.	Name of the work	Year	Quantity in Ha/ Rmt	Unit Cost	Per	Amount (in Lakhs)
12	4th year maintenance	2027-28	12	0.175	Ha	2.100
13	5th year maintenance	2028-29	12	0.055	Ha	0.663
14	6th year maintenance	2029-30	12	0.061	Ha	0.729
15	7th year maintenance	2030-31	12	0.067	Ha	0.802
16	8th year maintenance	2031-32	12	0.073	Ha	0.882
17	9th year maintenance	2032-33	12	0.081	Ha	0.970
18	10th year maintenance	2033-34	12	0.089	Ha	1.067
	<b>Sub Total</b>					<b>48.084</b>
<b>II</b>	<b>Chain Link Fencing</b>					
1	Erection of Chain Link fencing around the CA Plantation		1700	0.0174	Rmt	29.609
2	Salvaging of old Chain ling for 10 Years		2550			2.8348
	<b>Sub Total</b>					<b>32.444</b>
	<b>Total cost of Plantation</b>					<b>80.529</b>
<b>III</b>	<b>Digging of Bore wells and providing solar pump system for facilitating watering to the CA plantation</b>					
1	Solar Pump System and Maintenance		1	11.650		11.650
	<b>Sub Total</b>					<b>11.650</b>
<b>IV</b>	<b>SMC Works (25%of the total planting Cost)</b>			--		20.132
	<b>Sub Total</b>					<b>20.132</b>
<b>V</b>	<b>Monitoring and Evaluation 5% of the total planting Cost</b>			--		4.026
<b>VI</b>	<b>Administrative Cost @ 10% of the total planting Cost)</b>			--		8.053
	<b>For Rounded</b>					0.610
	<b>Grand Total:</b>					<b>125.000</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 2022-23 to 2033-34 with implementing agency of DFO (T), Nellore.
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 proposed in Degraded RF of Guderipalem RF, hence the Chain Link Fencing was proposed.
f)	Proposed Monitoring Mechanism	--
h)	Any other information	<p>The proposed Degraded Forest area identified in Nellore (T) Division to an extent of 12 Ha and CA Scheme is prepared &amp; Compensatory Afforestation with an outlay of <b>Rs.125.00 lakhs</b> which is situated in above mentioned table udayagiri Range of Nellore (T) Division.</p> <p>Hence proposed degraded -Forest land for CA may be accepted.</p>

District Forests Officer,  
SPSR Nellore.



Statement Showing the C.A Scheme Proposals over an extent of 12 Ha Degraded Gandipalem RF area identified in Compartment No. 475 of Udyagiri Range.

Sl. No		Name of the work	Unit cost		2022-23		2023-24		2024-25		2025-26		2026-27		2027-28		2028-29		2029-30		2030-31		2031-32		2032-33		2033-34		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( 9.42ha)	1 Ha	####	12.00	6.840																									
2		Raising of Nursery	Nos	12.13	13332	1.617																								6.840	
3		Raising of plantations	1 Ha	1.180			####	14.160																						12.00	
4		Maintenance of Nursery	Nos	7.270			####	0.969																						13332	
5		Raising of Nursery for 1st year maint	Nos	13.340			3333	0.445																						12.00	
6		1st year maintenance	1 Ha	0.500					####	6.000																				14.160	
7		Maintenance of Nursery	Nos	8.000					3333	0.267																				13332	
8		Raising of Nursery for 2nd year maint	Nos	14.670					3333	0.489																				0.969	
9		2nd year maintenance	1 Ha	0.440							12.0	5.280																		3333	
10		Maintenance of Nursery	Nos	8.800							3333	0.293																		12.00	
11		3rd year maintenance	1 Ha	0.376									12.00	4.512																3333	
12		4th year maintenance	1 Ha	0.175											12.00	2.100														12.00	
13		5th year maintenance	1 Ha	0.055													###	0.663												12.00	
14		6th year maintenance	1 Ha	0.061															12.00	0.729										12.00	
15		7th year maintenance	1 Ha	0.067																	####	0.802								12.00	
16		8th year maintenance	1 Ha	0.073																										12.00	
17		9th year maintenance	1 Ha	0.081																										12.00	
18		10th year maintenance	1 Ha	0.089																										12.00	
		Sub-Total>				8.457		15.574		6.756		5.573		4.512		2.100		0.663		0.729		0.802						12.00	1.067	1.067	48.084



Sl. No	Name of the work	Unit cost		2022-23		2023-24		2024-25		2025-26		2026-27		2027-28		2028-29		2029-30		2030-31		2031-32		2032-33		2033-34		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		
II	Chain Link Fencing																												
1	Erection of Chain Link fencing around the CA Plantation	1 Rmt	0.0174																										29.609
2	Salvaging of old Chain ling for 10 Years	2550 Sqmt	2.8348						0.283		0.283		0.283		0.283		0.283		0.283		0.283		0.283		0.283			1700 Rmt	29.609
	Sub-Total>								0.283		0.283		0.283		0.283		0.283		0.283		0.283		0.283		0.283			2550 Sqmt	2.835
	Sub Total of Plantation cost								0.283		0.283		0.283		0.283		0.283		0.283		0.283		0.283		0.283				32.444
									7.039		5.857		4.795		2.384		0.946		1.012		1.085		1.165		1.254				80.529
III	Digging of Bore wells and providing solar pump system and maintenance for facilitating watering to the CA plantation	LS	11.650																									1	11.650
IV	SMC works																												
1	SMC Works (25%of the total planting Cost)	LS	20.132						1.830		1.830		1.830		1.830		1.830		1.830		1.830		1.830		1.830				20.132
	Sub-Total>		20.132						1.830		1.830		1.830		1.830		1.830		1.830		1.830		1.830		1.830				20.132
V	Monitoring and Evaluation 5% of the total planting Cost	LS	4.026						0.366		0.366		0.366		0.366		0.366		0.366		0.366		0.366		0.366				4.026
	Sub-Total>								0.366		0.366		0.366		0.366		0.366		0.366		0.366		0.366		0.366				4.026
VI	Administrative Cost @ 10% of the total planting Cost)	LS	8.053						0.732		0.732		0.732		0.732		0.732		0.732		0.732		0.732		0.732				8.053
	For Rounded																												0.610
	Sub-Total>								0.732		0.732		0.732		0.732		0.732		0.732		0.732		0.732		0.732				8.663
	Grand Total>>								9.967		9.085		7.724		5.612		3.874		4.241		4.014		4.394		4.182				125.000

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District Forest Officer,  
SPSR Nellore.