

I/801804/2023

**GOVERNMENT OF ANDHRA PRADESH
FOREST DEPARTMENT**

From
Sri Y. Madhusudhana Reddy, I.F.S.,
Prl. Chief Conservator of Forests &
Head of Forest Force(FAC),
Andhra Pradesh,
Mangalagiri-522503.

To
The Spl. Chief Secretary to Government,
Environment, Forests, Science
and Technology Department,
Andhra Pradesh Secretariat
Velagapudi.

Rc.no.EFS02-15034/31/2019/FCA -SEC PCCF/FCA-3, Dated:26/07/2023 .

Sir,

Sub: APFD - F (C)Act, 1980 - Diversion of 3.11 ha forest land in Compartment - no.1287, 1288, 1289 & 1335 of Pedavalasa RF, Narsipatnam Division for formation of road from Ebulam-Pedavalasa to Suravaram in f/o EE PR(PIU) Division, Visakhapatnam - CA land details called for - Submitted - Reg.

Ref:- 1. Online Proposal no. FP/AP/ ROAD/40339/2019, dated: 20.05.2019
2. PCCF & HoFF, A.P., Guntur Rc.no.EFS02-15034/31/2019- FCA SEC-PCCF/FCA-3, dated: 02.12.2020.
3. GM no. 961/Sec.II/2021, EFS & T (Sec.II) Dept., dated: 03.05.2021
4. CF, Visakhapatnam Rc. no.721/2020/TO, dated: 27.06.2023.

* * *

It is submitted that, the Chief Conservator of Forests, Visakhapatnam in the reference 3rd cited has submitted information as desired by the Government in the reference 4th cited. The information is as follows.

The user agency has identified non-forest land over an extent of 24.04 ha in field no.147, Aram village of Dumbriguda (M), Paderu Division for compensatory afforestation purpose for the following (8) road projects.

Sl. no	Name of the road proposal	Area applied for diversion	Non-forest land identified for CA
1	R & B Road to Gullelu to Kandrangu (Kondru)	3.89	3.89
2	Dharakonda to Durgam via Jajipakalu	4.24	4.29
3	GK Veedhi to Marripakalu	3.67	3.72
4	Kunukuru to Nallabelli	3.30	3.31
5	R&B road to Gurralagondi	1.72	1.88
6	Wangasara to Vamugedda Kothuru	1.73	1.73

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7	Chowdepalli to Jerrila	1.90	1.98
8	Ebulam Pedavalasa to Suravaram	3.11	3.24
Total		23.56	24.04

Out of the above (8) road proposal for which NFL offered for CA, the user agency has submitted proposals in case of sl.no.1 & 2 in PARIVESH 2.0. Out of these two proposal, one proposal at sl.no.2 was submitted to the Government in PARIVESH 2.0 for onward submission to the GoI, MoEF&CC, IRO, Vijayawada for further action. In the remaining 6 proposals which are under process, the user agency has identified non-forest land for the subject proposal which is mentioned at sl.no.8 in PARIVESH 1.0.

The Divisional Forest Officer, Paderu has inspected the non-forest land identified for compensatory Afforestation purpose on 20.01.2022. The CA area is located on northern side of Dumbriguda to Thutangi road in Kandrum beat. The CA land is located at 750 m. away from the Dumbriguda RF (Compt. no.109) which is the nearest RF. The land status of CA land as per revenue records is Kondaporamboku. The CA area is located on top of hill which is fully covered with vegetation and rock boulders. The CA land is rich in biodiversity.

The Non-forest land identified for compensatory afforestation is covered with moderately dense vegetation (Canopy density - 0.5-0.6), there is no scope for taking up Compensatory afforestation in AR model (Block Plantation) in the non-forest land identified for compensatory afforestation land over an extent of 24.04 ha and hence he followed Rule 11 of Forest (Conservation) Rules, 2022 for preparing CA scheme for all the above (8) projects (24.04 ha) to have uniformity. For the subject proposal, the Divisional Forest Officer, Paderu has prepared the compact CA scheme to an extent of 3.23 ha to improvement programme under ANR model with a financial out lay of 36.91 lakh for a period of 20 years including 10 years of ANR treatment and 10 years of cost of protection commencement from commencement from 2024-25 to 2043-44 as per Rule-11 of Forest (Conservation) Rules, 2022. **CA Scheme, site inspection report of Divisional Forest Officer, Paderu has been uploaded at Nodal Officer level with this covering letter.**

The authenticated map and Survey of India map of non-forest land identified for CA in 1:50,000 are uploaded in the web portal.

Government are requested to take necessary action for onward submission of additional information to Government of India, MoEF &CC, RO, Sub-office at 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)

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Copy to the Chief Conservator of Forests, Visakhapatnam.

Copy to the Divisional Forest Officers, Chintapalli and Paderu for information.

Copy to the Executive Engineer, Panchayat Raj (PIU) Division, Visakhapatnam for information and necessary action.

Copy to the Engineer-in-Chief, Panchayat Raj, Vijayawada for information.



**GOVERNMENT OF ANDHRA PRADESH
FOREST DEPARTMENT**

Rc.no:3958/2020/TO (ii),
Dated:27.06.2023

Office of the Conservator of Forests,
Visakhapatnam Circle, Visakhapatnam

**Sri S.Srikanta Natha Reddy, IFS.,
Chief Conservator of Forests,
Visakhapatnam Circle.**

Sub:- APFD – F(C)Act,1980 – Diversion of forest land for formation of road works from Ebulam Pedavalasa to Suravaram of G.K.Veedhi mandal of (Chinthapalli division) in favour of Executive Engineer, PR (PIU) Division, Paderu – Non forest land identified for CA an extent of 3.23 ha. in filed no.147 of Arama Revenue village in Dumbriguda mandal of ASR District, Paderu - Revised CA scheme proposals submitted – Approved – Reg.

Ref:- 1. Prl.Chief Conservator of Forests (HoFF), A.P., Guntur Ref.no.EFS02-17/9/2022-IT, dt. 28.12.2022.
2. DFO, Paderu Rc.no.40A/2020/P6, dt.21.06.2023 and received on 27.06.2023.

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The revised compensatory afforestation scheme for afforestation of 3.23 ha. of non-forest land with an outlay of Rs.36.91 lakh submitted by Divisional Forest Officer, Paderu in lieu of the diversion of forest land to an extent of 3.11 ha. for formation of road from Ebulam Pedavalasa to Suravaram of Chintapalli division vide reference 2nd cited has been examined.

Approval is hereby accorded on the responsibility of DFO, Paderu for the said scheme as follows:

Sl. no.	Name of the road proposals	Extent of RF area diverted in ha.	CA area authenticated in ha.	CA scheme Rs. in lakh
1	2	3	4	5
1	Ebulam Pedavalasa to Suravaram	3.11	3.23	36.91

The above approval is subject to any instructions issued by the Prl. Chief Conservator of Forests & HoFF, A.P., Mangalagiri and Govt. of A.P. from time to time.

The Divisional Forest Officer, Paderu is requested to take all precaution and necessary action, as per F(C) Act and Rules & ensure that no violation takes place.

Sd/- S.Srikanta Natha Reddy
Chief Conservator of Forests
Visakhapatnam

To,
The Divisional Forest Officer,
Paderu.

Copy to Divisional Forest Officer, Chintapalli for information and necessary action.

///t.c.b.o.///

Technical Officer *20/6/23*

**GOVERNMENT OF ANDHRA PRADESH
FOREST DEPARTMENT**

Rc.no.40A/2020/P6,
Dated: 21.06.2023.

Office of the Divisional Forest Officer,
Paderu.

From
Sri K. Vinod Kumar,
Divisional Forest Officer,
Paderu.

To
The Chief Conservator of Forests,
Visakhapatnam circle,
Visakhapatnam.

Sir,

Sub:- APFD - F(C)Act,1980 - Diversion of forest land for formation of road works from Chowdepalli to Jerrila of G.K.Veedhi mandal of (Chinthapalli division) in favour of Executive Engineer, PR (PIU) Division, Paderu - Non forest land Authenticated for CA an extent of 3.23 ha in Filed no 147 of Arama Revenue village in Dumbriguda mandal of ASR District, Paderu - Submission of Revised CA scheme proposals - Request - Regarding

Ref:- 1) EE, PR (PIU) Division, Paderu Rc.No.31/2015/AE/DB/
Dt.03.03.2022.
2) Divisional Forest Officer, Paderu Rc.No.4072/2018/TO
Dt.03.03.2022.
3) Chief Conservator of Forests, Visakhapatnam Rc.No.4072/2018/TO
Dt.03.03.2022.
4) PCCF, HoFF, Mangalagiri, Andhra Pradesh Rc no. EFS02-
15034/36/2018-FCA-SEC PCCF/FCA-3, Dt. 18.05.2023.

&&&

In continuation of the reference cited, It is submitted that in the reference 2nd cited the CA scheme proposals were submitted to the Chief Conservator of Forests, Visakhapatnam for Authenticated CA land of 3.11 ha of diversion of 3.23 ha for formation of road from Chowdepalli to Jerrila of Chinthapalli Division.

Further in the reference 3rd cited the Chief Conservator of Forests, Visakhapatnam has approved the CA scheme for Rs. 40.62 lakh and the same was uploaded in parvish portal for further process along with Part-II. The details of road proposals are as follows.

Sl No.	Name of the of Road proposals	Road proposal of the Division	Extent of RF area diverted in ha.	Authenticated CA area in ha	CA scheme (Rs. in lakh)
1	Ebulam Pedavalasa to Suravaram	Chinthapalli	3.11	3.23	40.62

In the reference 4th cited the PCCF (HoFF), Mangalari, A.P., has pointed out some shortcomings i.e. as per Rule - 11 of Forest (Conservation) Rules, 2022 says that "if the non-forest land being made available for Compensatory Afforestation already bears vegetation of 0.4

canopy density or more, there shall not be an additional requirement of planting of trees on such land but a programme for improvement of the forest crop shall be implemented by the Forest Department in a time bound manner" Hence improvement scheme for the NFL area having canopy density of 0.5 to 0.6 shall be prepared. Further, it is also informed that, if such land bears vegetation of specified density 0.4 or above, there shall not be any requirement of planting trees. Hence DFL selection base on inability to plant 1000 plants/ha to having such density may not be required.

In this connection, I submit that the Revised CA scheme proposals excluding the cost of raising of AR plantation and its maintenance and including the forest improvement measures under ANR model along with data for favour of kind information and requesting for approval of the proposed CA scheme for taking further action in this matter. The details of road proposals are as follows.

Sl No.	Name of the of Road proposals	Road proposal of the Division	Extent of RF area diverted in ha.	Authenticated CA area in ha	CA scheme (Rs. in lakh)
1	Ebulam Pedavalasa to Suravaram	Chinthapalli	3.11	3.23	36.91

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

Encl: As above.

Yours faithfully,

Divisional Forest Officer
Paderu

21/6/2023

7604505/2023/ECA-PCCF

Action Plan for compensatory Afforestation (CA) scheme for authenticated CA land of 3.23 ha in the field no.147 of Arama village, Dumbriguda mandal of Alluri Sitharama Raju District for diversion of forest land of 3.11 ha for formation of road from Ebulam Pedavalasa to Suravaram.

Sl. no	Item of work	2024-25			2025-26			2026-27			2027-28			2028-29			2029-30			2030-31			2031-32			2032-33			2033-34			2034-2044 (10 years)				Total	
		Phy in ha.	Rate in Rs.	Fin in lakhs	Phy in ha.	Rate	Fin in lakhs	Phy in ha.	Rate	Fin in lakhs	Phy in ha.	Rate in Rs.	Fin in lakhs	Phy in ha.	Rate	Fin in lakhs	Phy in ha.	Rate	Fin in lakhs	Phy in ha.	Rate	Fin in lakhs	Phy in ha.	Rate	Fin in lakhs	Phy in ha.	Rate	Fin in lakhs	Phy in ha.	Rate	Fin in lakhs	Phy in ha.	Rate	Fin in lakhs			
1	Treatment of area under (ANR model) including removal of unwanted thorny growth	3.11	10769	0.33							3.11	14215	0.44						3.11	18764	0.58						3.11	24975	0.78						2.14		
2	Cultural operation for Rejuvenation of existing seedlings (Saucer formation, Weeding and Soil working)	3.11	5143	0.16	3.11	5657	0.18	3.11	6222	0.19	3.11	6788	0.21	3.11	7467	0.23	3.11	8146	0.25	3.11	8960	0.28	3.11	9856	0.31	3.11	10842	0.34	3.11	11924	0.37					2.52	
3	Digging of SCT/CCTs (10m x 0.5m x 0.5m = 2.5 cum per one unit of CCT) cmt	124	333.42	0.41																															0.41		
4	Construction of RCC boundary Cairns as per the specifications (Nos)	12	15972	1.92																															1.92		
5	Erection of barbed wire fencing (Rmt)	340	1331	4.53																															4.53		
6	Digging of peripheral cattle proof trench with Top width 1.50 m, bottom width: 1.00 m and depth 1.00 m as a measure of fire control. (cmt)	425	333.42	1.42																															1.42		
7	Rough stone dry packing & Stone pitching Rock fill Dam, Stone Checks & Stone outlets (cmt)	75	529.47	0.40																															0.40		
8	Cost of protection	3.23	9515	0.31	3.23	10466	0.34	3.23	11513	0.37	3.23	12664	0.41	3.23	13930	0.45	3.23	15323	0.49	3.23	16856	0.54	3.23	18541	0.60	3.23	20396	0.66	3.23	22435	0.72	3.23	393313	12.70	17.60		
9	Repairs and Maintenance of Boundary pillars													12	1698.8	0.20								12	1698.8	0.20						24	1698.8	0.41	0.82		
10	Repairs and Maintenance of Barbed wire fencing													340	133.1	0.45								340	133.1	0.45						680	133.1	0.91	1.81		
	Total :			9.47			0.51			0.57			1.06			1.34			0.75			1.41			0.91			1.65			1.87			14.02	33.56		
11	Over Heads (Administrative cost such workshops, Audit fee, awareness camps, wages to DEO maintenance of Computers, printers stationery etc.,)			0.95			0.05			0.06			0.11			0.13			0.07			0.14			0.09			0.17			0.19			1.40	3.36		
	Total :			10.42			0.57			0.62			1.17			1.47			0.82			1.55			1.00			1.82			2.06			15.42	36.91		

Note: Repairs and maintenance of Boundary pillars and barbed wire fencing is proposed two times during 2034 to 2044 (10 years) at 2036-37 and 2040-41

Divisional Forest Officer
Paderu

21/6/23

21/6/23

Detailed CA Scheme prepared for Compensatory Afforestation land of 3.23 ha extent in Arama Village of Dumbriguda Mandal in lieu of the diversion of forest land for formation of Ebulam Pedavalasa to Suravaram road

Compensatory Afforestation land is identified in field no. 147 of Arama village of Dumbriguda mandal in lieu of the diversion of forest land for various (8) roads in Chintapalli Division.

A single parcel of CA land to the extent of 24.01 ha has been identified and the area is broken up into eight bits equivalent to the size of forest land diverted for the road proposals. Accordingly, the DGPS survey was conducted for each of the eight bits and also for the entire CA area. Compensatory Afforestation land identified in lieu of the diversion of forest land for formation of **Ebulam Pedavalasa to Suravaram** road in Chintapalli Division (erstwhile Narsipatnam Division) also forms part of total CA land area identified in field no. 147 of Arama village of Dumbriguda mandal

The details of the CA area is given below:

S.No	Name of the Road proposal	Name of the division having road proposal	RF area proposed for diversion (ha)	CA land allotted (ha)
1	Ebulam Pedavalasa to Suravaram	Chintapalli Division (Erstwhile Narsipatnam Division)	3.11	3.23

CA land location details:

- The CA area is located on northern side of Dumbriguda to Thutangi road in Kandrum beat. The CA land is located at 750 mts away from the Dumbriguda RF (Compt no. 109) which is the nearest reserve forest.
- The CA land is surrounded by Paridi village on Northern side, A. Nandivalasa village on the southern side and Badimela on the western side, Musiri and Tundrumguda villages on Northwestern side. These villagers are dependent on this forest for cattle grazing and minor forest produce collection.

Nature of CA land:

- The CA area is located on top of hill which is fully covered with vegetation and rock boulders. The status of CA land as per revenue records is Konda poramboku.
- The gradient is steep.
- There are no pattas / RoFR title deeds in the CA land and it is free from encumbrance.

Type of Vegetation:

- The CA land is fully covered with vegetation. The forest type is moist mixed deciduous type with canopy density of 0.5 – 0.6. The CA land is rich in biodiversity. The prominent floral species present in the area are Nalla maddi, Jamun, Nalla jeedi, Karaka, Thani, Gannara, Sandalwood, Mango and other miscellaneous species. The vegetation is present in three tiers. The top tier is occupied by Mango, Jamun, Adda leaf lianas and the middle tier is occupied by Sandal wood, Nalla jeedi, Karaka, Thani, Gannara etc. The lower tier is covered with

Curry leaf, *Lantana*, *Eupatorium* and a very few xerophytic species in the rocky areas.

Details of CA Scheme:

The CA Scheme is prepared by keeping the location, topography and vegetation factors of CA land and Forest Conservation Rules and Guidelines of Forest Conservation Act in mind as given below:

- As the area is covered with moderately dense vegetation (Canopy density - 0.5-0.6), there is no scope for taking up Compensatory afforestation in AR model (Block Plantation).
- As per Rule 11(1)(a) of Forest Conservation Rules, 2022 if the non-forest land being made available for Compensatory Afforestation already bears vegetation of 0.4 canopy density or more, there shall not be an additional requirement of planting of trees on such land but a programme for improvement of the forest crop shall be implemented by the Forest Department in a time-bound manner.
- Therefore, afforestation work under AR model is not proposed in the CA scheme. But a forest improvement programme under ANR model is proposed in the CA Scheme.

Improvement of forest under ANR model:

- Two types of operations are proposed under ANR model
 1. Operations such as removal of unwanted miscellaneous growth including thorny growth interfering with the natural regeneration of viable species, Singling of multiple shoots, Coppice cutting, high stump cutting, climber cutting and cutting back damaged trees. This operation is proposed three times

only @ once in three years mainly to rejuvenate the existing stock.

2. Various cultural operations for assisting the natural rejuvenation of existing seedlings - Saucer formation, Circular weeding (2 times) and Soil Working (one time) operations are proposed for 10 year period in the CA scheme so as to promote the growth and natural regeneration of important species.

Protection Works:

- As the CA land is surrounded by Badimela, Tumbruguda, A.Nandivalasa, Paridi and Musiri villages, the protection has to be provided to this area from all biotic interference i.e. cattle grazing and tree felling. For this, construction of boundary pillars (**12 no.**) around the entire area of CA land, Barbed Wire fencing (**340 Rmt**) followed by digging of cattle proof trench (**425 cum**) are proposed in the CA scheme so as to provide protection to the area.
- Further fire lines creation and its maintenance & maintenance works of barbed wire fencing and Boundary pillars and one watch and ward are provided for 20 years (10 years of ANR treatment and 10 years of cost of protection) under cost of protection in the CA scheme as per the Forest Conservation Rules, 2022.
- As the gradient is steep, this area is suitable for taking up SMC works particularly Continuous Contour Trenches to control the Soil & water erosion. Therefore CCT/SCT works (**124 Cum**) of dimension $10 \times 0.5 \times 0.5 \text{ m}^3$ are proposed in the CA scheme.
- Rough stone dry packing works (**75 Cum**) are also proposed across the Nallah/slope to conserve the soil.

- This CA-land with moderately dense vegetation is being accepted as there is no other degraded revenue areas available in the erstwhile Visakhapatnam district.
- The CA land area will be included under Biodiversity Management Working Circle in the Working Plan of Paderu Division.

The total amount of action plan for CA Scheme including SMC Works and Cost of Protection is Rs **36,91,000/-**.

S.No	Name of the Road proposal	Name of the division having road proposal	RF area proposed for diversion (ha)	CA land allotted (ha)	Cost of CA Scheme (Rs in lakh)
1	Ebulam Pedavalasa to Suravaram	Chintapalli Division (Erstwhile Narsipatnam Division)	3.11	3.23	36.91

Thus the CA scheme with a total amount of Rs **36,91,000/-** is prepared for Non Forest CA land of **3.23 ha** situated in field No. 147 of Arama village for a period of 20 years including 10 years of ANR treatment and 10 years of cost of protection is submitted herewith for favour of kind information and necessary action.

Yours faithfully,


Divisional Forest Officer
Paderu. 21/6/23

21/6/2023

Site Inspection Report of the Divisional Forest Officer, Paderu for on Compensatory Afforestation land of 1.98 ha in lieu of diversion of 1.90 ha of forest land for formation of road Chowdepalli to Jerrila on 20.01.2022.

- Inspected the Compensatory Afforestation (CA) land identified in field no. 147 of Arama village of Dumbriguda mandal along with Forest Range Officer, Araku, Forest Section Officer, Guntaseema and other staff.



- The CA area is located on northern side of Dumbriguda to Thutangi road in Kandrum beat. The CA land is located at 750 mts away from the Dumbriguda RF (Compt no. 109) which is the nearest reserve forest. The land status of CA land as per revenue records is Konda Poramboku.
- The CA land is surrounded by Paridi on Northern side, A. Nandivalasa village on the southern side and Badimela on the western side, Musiri and Tundrumguda villages on Northwestern side. These villagers are dependent on this forest for cattle grazing and minor forest produce collection.
- The CA area is located on top of hill which is fully covered with vegetation and rock boulders. The forest type is moist mixed deciduous type with canopy density of 0.5 – 0.6. The CA land is rich in biodiversity. The prominent floral species present in the area are Nalla maddi, Jamun, Nalla jeedi, Karaka, Thani, Gannara, Sandalwood, Mango and other miscellaneous species. The vegetation is present in three tiers. The top tier is occupied by Mango, Jamun, Adda leaf lianas and the middle tier is occupied by Sandal wood, Nallajeedi, Karaka, Thani, Gannara etc. The lower tier is covered with Curry leaf, Lantana, Eupatorium and a very few xerophytic species in the rocky areas.
- The gradient of land is steep slope
- There are no encumbrances/ RoFR patta titles awarded in the CA land.

- The CA area is not suitable for taking up any afforestation activity (block plantation) as the area is covered with vegetation. Therefore the Compensatory afforestation will be taken up in other equivalent Degraded Forest Land which is identified in compartment no. 89 of Neelamkonda RF of Guntaseema beat Guntaseema Section, Araku Range.(Total degraded forest land identified is 28.56 ha out of which 1.90 ha is earmarked for taking up NTSH block plantation)
- This area is suitable for taking up SMC works particularly Continuous Contour Trenches/ Staggered Contour Trenches to control the Soil & water erosion.
- As the CA land is surrounded by villages, this area has to be protected from all biotic interference particularly from the cattle grazing and tree felling.
- This CA land with moderately dense vegetation is being accepted as there is no other degraded revenue areas available in the Visakhapatnam district.
- The CA land area will be included under Biodiversity Management Working Circle in the Working Plan of Paderu Division.


Divisional Forest Officer,
Paderu.