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COMPENSATORY AFFORESTATION SCHEME PROPOSALS FOR RAISING CA PLANTATION IN 114.8625 HA. DEGARDED FOREST LAND IN ALLAPALLY & REGALLA RANGE IN LIEU OF DIVERSION OF 128.023 HA OF FOREST LAND FOR (5) ROAD PROJECTS i.e., ROAD FROM VEERAPURAM TO GUNDALA (38.55 ha), GUNDALA TO PASRA (9.02 ha), MAMAKANNU TO BATTUPALLY (39.153 ha), TEKULAPALLY TO GUNDALA (24.740 ha) & PEDDAMIDISILERU TO BATHINAPALLY (16.56 ha) IN FAVOUR OF SUPERINTENDENT ENGINEER, R&B CIRCLE, KHAMMAM.

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INTRODUCTION:

The Principal Chief Conservator of Forests, Telangana State, Hyderabad vide Rc.No.0277-B/2018/FCA-2, Dt:29.07.2020 while conveying the acceptance of the ETS & DGPS / GNSS survey data submitted by the Superintendent Engineer, R&B Circle, Khammam pertaining to the Non-Forest land situated in notified enclosures namely Rangapuram, Ulvachelka and Busurai in Markode Reserved forest block with an extent of 114.8625 ha proposed for Compensatory Afforestation in lieu of diversion of 128.023 ha forest land for five (5) road projects i.e., (1) road from Veerapuram to Gundala (38.55 ha), (2) Gundala to Pasra (9.02 ha), (3) Mamakannu to Battupally (39.153 ha), (4) Tekulapally to Gundala (24.740 ha) & (5) Peddamidisileru to Bathinapally (16.56 ha) for road network in LWE areas, instructed the undersigned to prepare Compensatory Afforestation scheme. The details of the Non Forest land proposed for Compensatory Afforestation are as follows:

Mandal	Name of the Revenue Village	Sy. No.	Name of the notified Enclosure within the RF	Total area of the enclosure as per notification (in Ha.)	Area as per DGPS survey	Area already proposed for CA for different projects	Area proposed for CA (in ha)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Allapally	Ulvachelka	28	Rangapuram	36.42	29.3463	18.6235	10.7228
			Ulvachelka	99.55	78.2346	--	78.2346
	Venkatapuram	60	Busurai	26.30	25.9051	--	25.9051
			Total:	162.27	133.486	18.6235	114.8625

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There is shortfall of 13.1605 ha and hence 18.6235 ha of the non-forest CA lands identified to other projects to be considered for these five projects.

The undersigned has inspected the said non-forest lands on dt: 20.10.2020 & 22.10.2020 and noticed that the said lands are located within the notified enclosures in Markode RF with extents as mentioned above and the Markode RF is notified U/s. 15 of AP Forest Act, 1967, vide G.O.Ms. No. 217, Forests and Rural Development (For.III) Dept., Dt: 08.07.1974. It is also noticed that the said lands are located in Rangapuram Beat of Padigapuram Section, Rangapuram (E) Beat of Ulvachelka Section and Busurai (N) Beat of Kothasingaram Section of Regalla Range respectively which are part of the core area of Kinnerasani Wildlife Sanctuary and is covered with tree growth of species Nallamaddi, Tani, Chinduga, Buruga, Tuniki, Pala, Pachara, Karangi, Teak, Revadi, Usiri, Kodisa, Gumpena, Barriduddi, Chilakaduddi, Morli, Aare, Bojja, Battaganam, Ippa, Neem, Rela, Maddi, Chirumanu, Chennangi, Ravi, Pusuga etc., with canopy density varying from 0.2 to 0.4 and as such it is more appropriate to take up cultural operations, fire tracing works, weed removal, SMC measures like Staggered contour trenches, construction of Rock fill dams and percolation tanks across nalahs passing through the area etc. to improve the Wildlife habitat in the area and as such a scheme for rejuvenation of vegetation in the **Non forest land (NFL)** and habitat improvement in the area has been prepared with a **financial outlay of Rs. 207.35781 Lakhs**. To meet the requirement of planting 1000 plants/ ha for forest land proposed for diversion, Compensatory Afforestation is proposed in Degraded Forest Area (DFL) by retrieving forest land over an extent of 114.08625 ha under Semi Mechanical Method with 3m X 3m espacement. The details are as follows.

Sl. No.	Name of the Range	Name of the Section	Name of the Beat	Name of the RF	Compt. No.	Area proposed for CA
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Allapally	Venkatapuram	Venkatapuram (E)	Allapally	28	90.00
2	Regalla	Markode	Jinnelagudem (N)	Markode	58	24.8625
					Total:	114.8625

Continuous Peripheral Trench around the proposed CA plantation site in DFL areas and other protective measures are proposed to be taken up with twin objectives of Soil & Moisture conservation and preventing biotic interference in the plantation site.

Compensatory Afforestation Scheme is prepared with a financial outlay of Rs. 695.27614 Lakhs for development of Degraded Forest area.

LOCATION OF THE AREA PROPOSED FOR COMPENSATORY AFFORESTATION IN DEGRADED FOREST AREA:

The Compensatory Afforestation Scheme is aimed at creating green cover and improvement of crop density and ultimately quality of Forests. In view of this, retrieved forest land over an extent of 90.0 Ha in Compt.No.28, Venkatapuram (E), Venkatapuram Section of Allapally RF / Range & 24.8625 Ha in Compt.No.58, Jinnelagudem (N) Beat, Markode Section / RF of Regalla Range of Kinnerasani Wildlife Management Division, Palvanha has been identified and proposed for Compensatory Afforestation.

LEGAL STATUS OF THE PROPOSED CA-DFL AREA:

The proposed retrieved forest land identified for Compensatory Afforestation in Compt. No. 28 of Venkatapuram Section, Allapally Range is part and parcel of Allapally RF notified under Section 15 of AP Forest Act, 1967, vide G.O.Ms. No. 220, Forests and Rural Development (For.III) Dept., Dt: 06.07.1974. & Compt. No.58 of Markode Section, Regalla Range of Kinnerasani Wildlife Management Division, Palvanha is part and parcel of Markode RF notified under Section 15 of AP Forest Act, 1967, vide G.O.Ms. No. 217, Forests and Rural Development (For.III) Dept., Dt: 08.07.1974.

SOIL DESCRIPTION AND TERRAIN:

The selected forest land with degraded plain areas with accessibility to road network and are degraded mainly due to encroachment by local people and are found suitable for Compensatory Afforestation.

In the proposed area, the soils are eroded and are ranging from Red Soil, Sandy loam etc.

FLORA AND FAUNA:

There is Wildlife in the area like Spotted Deer, Four Horned Antelope, Bison, Sambar, Nilgai etc., Therefore, measures for restoration of vegetation, creation of sufficient water sources / fodder and legume species to the wild animals and overall protection are

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proposed. The flora consists mainly of Nallamaddi, Tellamaddi, Kondatangedu, Chirumanu, Bandaru, Billudu, Tuniki, Ippa, Yegisa etc.

PROJECT COST:

The total financial out lay of the project for both Compensatory Afforestation in DFL and rejuvenation of vegetation and habitat improvement in NFL is as follows:

S.No	Scheme Proposals	Cost in Lakhs
	CA-DFL	
1	Compensatory Afforestation in Degraded Forest Area	572.66790
2	Forest Protection including Fire protection & SMC works	44.95392
3	Habitat Improvement	14.44740
4	Administrative Cost	63.20692
	Total:	695.27614
	CA-NFL	
1	Cultural operations	16.07888
2	Protection of Non forest CA land	95.74927
3	SMC Works	30.43150
4	Habitat improvement works	46.24746
5	Administrative Cost	18.85071
	Total:	207.35781
	Grand Total (DFL + NFL):	902.63395

The total financial out lay of the project is **Rs. 902.63395 Lakhs**. The annual requirement of funds have been worked out on the base cost of 2020-21 FSR with 10% annual escalation for the remaining project period up to 2033-34.

MODE OF EXECUTION:

It is proposed to implement the above scheme by Departmental execution method. In addition to the existing staff of Forest Department with required logistic support, necessary manpower required for effective implementation of the project will be hired through outsourcing.

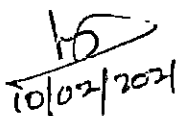
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Employment Generation:

The degraded forest land proposed for Compensator Afforestation is located in Allapally Mandal in Agency Area. The local labour mostly Tribals along with Scheduled Castes will be benefitted by implementation of this project for their daily livelihood generation expected to be created is 77570 man days during the project period from 2021-22 to 2033-34 (60% manual component i.e, 77570 mandays @ Rs. 657/- per day as per District Collector wage rate)

Further, it is mentioned that in case the selected locations and the areas are unavailable for taking up planting anticipating the delay of approval of the proposal, suitable degraded areas will be selected and planting will be taken up and accordingly the deviation, if any, in implementing the scheme will be borne by the User Agency in the jurisdiction of Kinnerasani WLM Division, Palvancha. Similarly, it is also mentioned that the User Agency will be remitting the equal amount into CAMPA Account, in case the degraded forest lands were taken up for re-afforestation with any funding agency since Forest Kinnerasani WLM Division, Palvancha has been taking up re-afforestation in the retrieved areas of forest lands, where encroachment problem is severe. To curb the encroachment problem and re-afforestation the gap areas this modification is proposed.


Forest Range Officer,
Allapally & Regalla.


10/02/2021
Forest Divisional Officer,
Kinnerasani WLM Division,
Palvancha.


DISTRICT FOREST OFFICER
Bhadradi Kothagudem Dist.
Kothagudem.

	2016-17	2017-18	2018-19	2019-20	2020-21	2021-
Compensatory afforestation scheme for 114.8625 ha of Non Forest Land in Kinnerasani WLS in lieu of 128.023 Ha. of forest land proposed for diversion for (5) Road Projects						

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Forest Divisional Officer
Wildlife Management Division, Kinnerasani

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Forest Division
Wildlife Management