

**Compensatory Afforestation Scheme proposals in 15.20 Ha. double degraded forest land in Allapally Range of Kinnerasani WLM Division, Palvancha in lieu of 7.60 Ha. forest land proposed to be diverted for conversion of ten (10) existing single phase electrical lines to 3-phase agricultural power supply to ST Habitations in Kinnerasani WLM Division, Paloncha and Yellandu Division of Bhadradi Kothagudem District in favour of Superintending Engineer, Operation Circle, TSNPDCL, Bhadradi Kothagudem.**

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### **Introduction:**

The Principal Chief Conservator of Forests, Telangana State, Hyderabad vide Rc.No.FC4/FC26/3/2022, Dt: 12.05.2022 and Rc.No.WL1/WL07/21/2022, Dt: 10.05.2022 have forwarded the proposals for diversion of forest land over an extent of 7.60 Ha. in Kinnerasani Wildlife Management Division, Paloncha and Yellandu Division in favour of Superintending Engineer, Operation Circle, TSNPDCL, Bhadradi Kothagudem for conversion of existing single phase electrical lines using Aerial bunched (AB) Cable or insulated conductor to 3-Phase agricultural power supply to the following ten (10) habitations for processing of proposals under Forest (Conservation) Act, 1980 and Wildlife (Protection) Act, 1972 and also instructed to submit the proposals for raising CA plantation in double degraded forest land at the cost of user agency. Accordingly, degraded forest land over an extent of 15.20 Ha. (i.e.,  $7.60 \times 2 = 15.20$  Ha.) has been identified in Compt.No.5, Ramanujagudem Beat, Allapally RF / Range for raising CA plantation. The details of diversion of forest land is as follows.

Sl. No.	Name of the Division	Name of the Range	Name of the RF	Name of the Habitation	Forest Area involved
1	Kinnerasani WLM Division, Paloncha	Allapally	Allapally	Pedda Venkatapuram	1.4043
2			Allapally	Kothasingaram	0.6759
3			Allapally Extn.IV	Gandrabandham	0.4235
4		Chatakonda	Bangaruchelka	Tippagutta	0.9048
5			Chatakonda	Chinthavorre	0.2115
6			Chatakonda	Siddaram	0.5921
7		Yanambail	Mamillavai	Mamillavai	0.7657
			<b>Kinnerasani WLM Total:</b>		<b>4.9778</b>



Sl. No.	Name of the Division	Name of the Range	Name of the RF	Name of the Habitation	Forest Area involved
8	Yellandu	Kachanapally	Damarathogu	Dongathogu	0.8077
9		Gundala		Adavi Ramavaram	1.5979
10				Ghanapuram	0.2193
			Yellandu Total:		2.6249
			Grand Total:		7.6027

The degraded forest area with less than 0.1 density is proposed for treatment under Compensatory Afforestation Scheme including Raising of plantations, Soil & Moisture Conservation works.

Certain degraded areas are proposed for raising of Afforestation plantations with digging of Continuous Peripheral Trench around the plantation site and other protective measures are proposed to be taken up with twin objectives of soil & moisture conservation and improvement of existing forest growth.

Accordingly, an action plan for raising of Compensatory Afforestation plantation in degraded forest areas in Compt. No.5 of Allapally Reserve Forest, Ramanujagudem Beat of Allapally Section, Allapally Range of Kinnerasani WLM Division, Palvancha is prepared with an outlay of **Rs.132.09264 Lakhs**.

#### **Project Cost:**

The total financial out lay of the project is as follows:

S.No.	Scheme Proposals	Cost in Lakhs
1	Compensatory Afforestation in degraded forest area	80.68856
2	Forest Protection including Fire protection & SMC works	29.76406
3	Habitat improvement works	9.63160
4	Administrative Cost	12.00842
	<b>Total:</b>	<b>132.09264</b>



**Location of the area proposed for Compensatory Afforestation in degraded forest area:**

The Compensatory Afforestation Scheme is aimed at improvement of the density and ultimately quality of Forests. In view of this, degraded Forest areas in Compt.No.5 of Allapally Reserve Forest of Allapally Range of Kinnerasani WLM Division, Palvancha have been proposed for treatment. In general, the above compartment is having good degraded and coppice natural growth of Tuniki (*Diospyros melanoxylon*), Gumpena (*Lansea coromandelica*), Chennangi (*Lagerstroemia parviflora*), Bandaru (*Adina cardifolia*), Bojja (*Xylia xylocarpa*), Yegisa (*Pterocarpus marsupium*), Billudu (*Chloroxylon sweitania*), Ippa (*Maduca indica*), Nallamaddi (*Terminalia tomentosa*), Tellamaddi (*Terminalia arjuna*), Somi (*Soamida fabrifuga*) etc. Natural regeneration is taking place but due to continuous biotic pressure and forest fires, it is not getting stabilized.

Therefore, it is proposed to stabilize such growth. Suitable areas were identified for treatment with appropriate interventions as the area has become degraded due to excessive biotic interference. The excess biotic interference has disturbed the ecological cycle as all the Bio-diversity including fauna and flora have been damaged to a great extent. There is every need to rehabilitate and protect the environment for the sake of Bio-diversity.

**Legal status of the proposed CA area:**

The proposed degraded forest land identified for Compensatory Afforestation in Compt. No.5 of Allapally Section, Allapally Range of Kinnerasani WLM Division, Palvancha 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.

**Soil description and terrain:**

The selected forest land with degraded plain areas with accessibility to roads and are degraded mainly due to biotic interference and are found suitable for Compensatory Afforestation.



In the proposed area, the soils are eroded and are ranging from Black Soil, red soil and Sandy loam.

### **Flora and Fauna:**

In the proposed degraded Forest area the species available are mainly degraded coppice growth of Tuniki (*Diospyros melanoxylon*), Gumpena (*Lannea coromandelica*), Chennangi (*Lagerstroemia parviflora*), Bandaru (*Adina cardifolia*), Bojja (*Xylia xylocarpa*), Yegisa (*Pterocarpus marsupium*), Billudu (*Chloroxylon sweitania*), Ippa (*Maduca indica*), Nallamaddi (*Terminalia tomentosa*), Tellamaddi (*Terminalia arjuna*), Somi (*Soamida fabrifuga*) etc. Thus steps such as restoration of the vegetation, provision of sufficient water sources to the wild animals, provision of fodder and legume and overall protection is proposed.

### **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.

### **Annexures:**

Annexure	I	Year wise estimated cost of CA in Degraded Forest Area.
Annexure	II	Unit cost Data sheets

Date : 20.05.2022,  
Place : Palvanha.

*Wb*  
*20/05/2022*  
Forest Divisional Officer,  
Kinnerasani WLM Division,  
Palvanha.

*Wb*  
DISTRICT FOREST OFFICER  
Bhadradi Kothagudem Dist,  
Kothagudem