

**Compensatory Afforestation Scheme for the Degraded Forest land identified in 15.00 Ha in compt No.273, Khansaipet beat, Eklaspur section & 19.10 Ha (20.00-0.90 Ha Unworkable area=19.10 Ha) in 282 Gopalpur beat, Kammampally section of Manthani Range of Peddapally Division. proposed for Construction of 765 KV D/C Transmission Line - Diversion of 45.0032 Ha of forest land (14.1866 Ha in Asifabad, 13.7853 Ha Bellampally and 17.0314 Ha in Peddapally Forest Divisions) for Construction of Warora Pool – Warangal (New) 765 KV D/C Transmission Line in Telangana State in favour of Warora Kurnool Transmission Ltd.**

In accordance with the Forest (Conservation) Act,1980 raising of Compensatory Afforestation is necessary in lieu of forest area proposed to be diverted for non-forest purpose. The forest land proposed for Construction of 765 KV D/C Transmission Line - Diversion of 45.0032 Ha of forest land (14.1866 Ha in Asifabad, 13.7853 Ha Bellampally and 17.0314 Ha in Peddapally Forest Divisions) for Construction of Warora Pool – Warangal (New) 765 KV D/C Transmission Line in Telangana State in favour of Warora Kurnool Transmission Ltd.

**Justification for CA Scheme proposal:** The proposed CA scheme is prepared for 34.10 Ha of Degraded Forest Land in 15.00 Ha in compt No.273, Khansaipet beat, Eklaspur section & 19.10 Ha (20.00-0.90 Ha Unworkable area=19.10 Ha) in 282 Gopalpur beat, Kammampally section of Manthani Range of Peddapally Division including certain components.

In the CA scheme all the Semi Mechanical Method afforestation models proposed and full protection of the land by way of trench around CA land is proposed in the CA scheme for improvement, conservation of flora and fauna. The present CA scheme is prepared based on 10% extra on 2017-18 Forest Schedule of Rates. The CA scheme is proposed as follows.

I have inspected the said CA land on 10.05.2018 along with Forest Range Officer, Manthani and concerned Staff. The status of terrain and existing species is as follows:

**1. Compt.No.273/ Khansaipet Beat/Eklaspur Section /15.00Ha, Compt.No.282)/Kammampally Beat&Section/19.10:** The terrain is plain and Gentle slopes. The existing species are Neem, Moduga, Rela, Namalinara, Thirman, Thuniki, Maddi, Ippa, Palakodisha, Teak etc.,. The density of vegetation is about 0.1 to 0.3. Small blank patches and soil erosion is also noticed here and there. 34.10 Ha

of area is proposed under Semi Mechanical Method planting and SMC works like CPT proposed for effective protection of CA land from Biotic interference.

Sl.No	Section	Beat	Compt.No.	Area in Ha
1	Eklaspur	Khansaipet	273	15.00
2	Kammampally	Gopalpur	282	19.10
			<b>TOTAL</b>	<b>34.10</b>

**2. Compt.No.454&455/5.084 Ha/Kammampally Beat&Section:** Dwarf Species (Medicinal) Plantation is proposed under Transmission line under Semi Mechanical Method planting for effective protection utilization of proposed area to be cleared under transmission line i.e., for stringing purpose over a width of 20 mtrs and 2542 mtrs length..

Sl.No	Section	Beat	Compt.No.	Area in Ha
1	Kammampally	Kammampally	454&455	5.084
			<b>TOTAL</b>	<b>5.084</b>

#### **OBJECTIVE:**

The main objective of the scheme is to keep ecological balance of the area by protecting the existing vegetation, protection of area from further degradation, checking of soil erosion, improvement soil and moisture conservation, by way of Planting under SMM model, carrying out certain SMC works and protection of area from biotic pressure by providing CPT around the area etc.,

#### **TECHNIQUE:**

##### **Planting under Semi Mechanical Method:**

Planting under Semi Mechanical Method is proposed over an area of 34.10 Ha @ 1111 plants per Ha.

Sl.No	Location of Beat	Planting + SMC works	Total
1	Khansaipet	15.00	15.00
2	Gopalpur	19.10	19.10
	<b>TOTAL</b>	<b>34.10</b>	<b>34.10</b>

**Dwarf Spcies (Medicinal)** Planting under Semi Mechanical Method is proposed over an area of 5.084 Ha @ 2500 plants per Ha i.e., 2Mx2M espacement

Sl.No	Location of Beat	Planting	Total
1	Kammampally	5.084	5.084
	<b>TOTAL</b>	<b>5.084</b>	<b>5.084</b>

#### PROJECT PERIOD:

It is proposed to implement the scheme from 2018-19 to 2030-31 over a period of (10) years including advance operations, Raising and maintenance. The total financial outlay is **Rs.194.832 lakhs**.

#### FUNDING AGENCY:

The total financial outlay will be met by the User Agency who will deposit the funds with Forest Department i.e., in favour of the Adoc CAMPA Account.

#### EXECUTIVE AGENCY:

The District Forest Officer, Peddapally will be the implementing agency for this Compensatory Afforestation Scheme.

#### PROJECT PROPOSALS:

The total financial outlay is **Rs.194.832 lakhs**. The Abstract annual financial outlay is as follows.

*(Rs in lakhs)*

Sl.No	Year	CA Planting + SMC works	Dwarf Species Planting	Total Amount
1	2018-19	2.794	0.000	2.794
2	2019-20	22.916	1.202	24.118
3	2020-21	70.739	17.418	88.157
4	2021-22	20.757	6.059	26.816
5	2022-23	11.981	2.162	14.143
6	2023-24	9.499	2.378	11.877
7	2024-25	10.449	2.616	13.065
8	2025-26	1.534	0.480	2.014
9	2026-27	1.346	0.413	1.759
10	2027-28	1.857	0.580	2.437
11	2028-29	1.629	0.500	2.129
12	2029-30	2.246	0.702	2.948
13	2030-31	1.971	0.605	2.576
	<b>TOTAL</b>	<b>159.719</b>	<b>35.113</b>	<b>194.832</b>

The component wise, year wise Physical and Financial targets of proposed scheme are furnished in the statement enclosed.

**NOTE:** Rates proposed are with 10% raise over FSR 2017-18. These rates may approved.

  
District Forest Officer,  
PEDDAPALLY.