

CA SCHEME

CA scheme for Development of Diversion of 6.6766 Ha of Forest land in Kaghaznagar Division for Erection of 33 KV Interlinking Line from 33/11 KV SS Penchikalpet to Loadpally 33 KV Cut point in Penchikalpet (M) of of Kaghaznagar Division of Kumrambheem Asifabad District in favour Divisional Engineer, Operation, M/s TSNPDCL, Kaghaznagar Kumuram Bheem Asifabad District

Detail of Degraded Forest Land (DFL):**Area: 13.40 Ha****Compt No. 221****Beat: Jahindpur,****Mandal: Bejjur****Range: Bejjur****Division: Kaghaznagar****District :Kumram Bheem Asifabad****Circle : Adilabad**

CA scheme for Development of Degraded Forest Land (DFL) for 13.40 Ha in Compartment No. 221 of Jahindpur Beat of Kuntalamanapally Section of Bejjur Range of Kaghaznagar in lieu of Diversion of 6.6766 Ha of Forest land in Kaghaznagar Division for Erection of 33 KV Interlinking Line from 33/11 KV SS PENCHIKALPET to Loadpally 33 KV Cut point in PENCHIKALPET (M) of Kaghaznagar Division of Kumuram Bheem Asifabad District in favour Divisional Engineer, Operation, M/s TSNPDCL, Kaghaznagar, Kumuram Bheem Asifabad District

1.0 **INTRODUCTION:**

The Principal Chief Conservator of Forests, (HoFF) Telangana, Hyderabad vide Rc.No. 6385/2021/ FCA-4, Dt:18.09.2021 has requested to identified the Degraded land for CA to an extent of 13.40 Ha and submit the CA scheme with 7 to 10 year maintenance along with map.

Accordingly, identified the Degraded Forest land to an extent of 13.40 Ha in Compartment No. 221 of Jahindpur Beat of Kuntalamanapally Section of Bejjur Range of Kaghaznagar Division of Kumuram Bheem-Asifabad District for the purpose of CA and found that;

1). **Compensatory Afforestation** : The double degraded forest land to an extent of 13.40 Ha is identified for raising plantations @ 1100 plants per Ha under Semi Mechanical Method in and the details of Compensatory Afforestation scheme proposals are as follows:

Double Degraded Forest Land Area:

Sl. No.	Compt. No.	Beat	Section	Range	Total Area Ha.	Name of the RF
1	221	Jahindpur	Kuntalamanapally	Bejjur	13.40	Bejjur

The proposals have been prepared with a cost of **Rs.121.126 Lakhs**. The year wise scheme proposals are annexed.

This scheme will be implemented and monitored by the Forest Department at various levels.

The Compensatory Afforestation is prepared over an area of **13.40** Ha of Double Degraded Forest Land basing on the Forest Schedule of Rates for the year 2022-23 of Zone-II with an escalation of 10% for the subsequent years, provided the funds are to be deposited and released during the year 2022-23.

2.0 AIMS AND OBJECTIVES

The objectives of the scheme are as follows:

- 2.1 For regeneration of Forest which is lost due to the above said project.
- 2.2 To compensatory loss of forest and for ecological balance.
- 2.3 To fulfil broader objective of sustainable environmental conservation for the general good of the people.

3.0 ELEMENTS OF THE PROJECT

- 3.1 Details of the Degraded Forest Land is identified for raising compensatory afforestation is as follows:

3.2 LOCATION

The proposed Compensatory Afforestation area for double degraded forest land to an extent of 13.40 Ha is identified in Compt No. 221 Jahindpur Beat Kuntalamanapally Section of Bejjur Range of Kaghaznagar Division of RF Block Kadamba.

3.4 GEOLOGY

The geology of the area proposed for Compensatory Afforestation is Gondwana formation supporting mixed forests.

3.5 SOIL

The soil of the area proposed for Compensatory Afforestation is Sandy to morram soil.

3.6 CLIMATE

The climate is fairly dry with very hot summer and cool winters. During summer, the temperature rises upto 47 centigrade. Summer and winter are separated by prolonged rainy season. The area is served by South-West Monsoon. However Cyclonic rains are common during October-December.

3.7 METHOD OF RAISING PLANTATION:

a) **Tehcnique:** Semi Mechanical Method and Maintenance for (10) years is proposed.

b) **ESPACEMENT:** 3 m x3 m i.e., 1111 plants per Ha.

c) **CHOICE OF SPECIES:** Only local forestry species are proposed to be planted. *Maduca indica, Terminalia tomentosa, Terminalia chebula, Holoptelia integrefolia, Sommida febrifuga & Dalbergia latifolia, Buddadermi, Bamboo, All Ficus species, Neem, Usiri, Jamoon, Albezia procera, Albezia odortissima, etc.*

It is proposed to raising the tall plants of above species in order to plant the species of 2.0 m (1-2 Year Old) for raising successful plantation.

d) PROTECTION OF THE PLANTATION: Since there is lot of biotic pressure in the area proposed for CA, CPT is proposed along with the protection watchers for successfully raising the plantation.

3.8 DETAILS OF WORK SCHEDULE PROPOSED FOR COMPENSATORY AFFORESTATION

The details of work schedule proposed for compensatory afforestation year wise is as follows:

Year	Proposed works
2023-24	1) Purchase of Plants / Conversion / Advance operations / Base Camp / CPT / Mini Percolation
2024-25	1) Maintenance of Bag Plants 2) Raising of Plantation 3) Base Camp 4) CPT 5) Mini Percolation
2025-26	Maintenance of Bag Plants Raising of Plantation Base Camp
2026-27	Maintenance of Bag Plants 1 st Maintenance of plantation
2027-28	2nd Year maintenance of plantation
2028-29	3rd Year maintenance of plantation
2029-30	4th Year maintenance of plantation
2030-31	5th Year maintenance of plantation
2031-32	6th Year maintenance of plantation
2032-33	7th Year maintenance of plantation
2033-34	8th Year maintenance of plantation
2034-35	9th Year maintenance of plantation
2035-36	10th Year maintenance of plantation

3.11 COST STRUCTURE:

Compensatory Afforestation scheme for **Rs. 121.126 lakhs** is prepared. The year wise expenditure will be as hereunder.

Sl. No.	Year	Financial (Rs.in Lakhs)
1	2023-24	34.486
2	2024-25	37.973
3	2025-26	20.498
4	2026-27	7.816
5	2027-28	3.863
6	2028-29	3.702
7	2029-30	2.631
8	2030-31	0.762
9	2031-32	3.329
10	2032-33	0.922
11	2033-34	4.029
12	2034-35	1.116
	Total	121.126

This scheme will be monitored through the machinery of Forest Department at various levels.

4.0 COST STRUCTURE OF PLANTATIONS

The cost structure of Compensatory Afforestation including the cost structure for various components of raising and maintenance of plantation for Improvement of Degraded Natural Forests is appended.

4.1 PROVISION OF FUNDS

The funds for the Compensatory Afforestation have to be deposited by the user agency in favour of Telangana Forest Department by following due procedure through e-payment method by generating the Challan form the Ministry's web portal (parivesh.nic.in). These funds will be utilized by the Forest Divisional Officer, Kaghaznagar for Nurseries, Plantations and their maintenance as per the detailed annual plan after obtaining the approval and funds from the competent authority.

4.2 OFFICE EXPENSES AND CONTINGENCIES RECURRING

The amount proposed towards Administrative cost are appended.

4.3 CAPITAL EXPENDITURE NON-RECURRING


No amount is proposed towards non-recurring expenditure.


4.4 SCHEME PERIOD

This scheme will be implemented over a period of (12) years commencing from 2022-23. The details of cash flow required for the entire project period is furnished in annexure.

4.5 DETAILS OF PROPOSED MONITORING MECHANISM

The FRO, Bejjur, FDO, Kaghaznagar and District Forest Officer, Komrambheem Asifabad & Conservator of Forests Adilabad Circle, Adilabad shall monitor the implementation of the conditions of Compensatory Afforestation and the survival of the plants planted.


District Forest Officer
Komaram Bheem
(Asifabad)


Forest Divisional Officer
Kaghaznagar