

CA SCHEME

For Double Degraded Forest Land to an extent of 4.356 Ha identified in Compt.No.355 of Wailal Beat of Wailal Section of Sangareddy Range of Sangareddy District in lieu of Diversion of 2.178 Ha of Forest Land in Sangareddy District for Erection of 220 KV Multi Circuit Line and UG cable from 400 KV SS Narsapur to proposed 220/3552/33 KV Bowrampet SS in Sangareddy District in favour of Superintending Engineer, OMC / Metro West / TSTRANSCO, Mint Compound, Hyderabad.

AREA : 4.356

Compt.No.355

Beat : Wailal

Section : Wailal

Range : Sangareddy

District : Sangareddy

CA Scheme For Double Degraded Forest Land to an extent of 4.356 Ha identified in Compt.No.355 of Wailal Beat of Wailal Section of Sangareddy Range of Sangareddy District in lieu of Diversion of 2.178 Ha of Forest Land in Sangareddy District for Erection of 220 KV Multi Circuit Line and UG cable from 400 KV SS Narsapur to proposed 220/3552/33 KV Bowrampet SS in Rangareddy District in favour of Superintending Engineer, OMC / Metro West / TSTRANSCO, Mint Compound, Hyderabad.

1.0 INTRODUCTION :

The Superintendent Engineer, OMC / Metro West / TSTRANSCO, Hyderabad has submitted the proposals for diversion of 2.178 Ha of Forest Land in Sangareddy District for Erection of 220 KV Multi Circuit Line and UG cable from 400 KV SS Narsapur to proposed 220/132/33 KV Bowrampet SS in Rangareddy District in favour of Superintending Engineer, OMC / Metro West / TSTRANSCO, Mint Compound, Hyderabad. In lieu of the Reserve Forest area to be diverted in Sangareddy Forest District.

1.1 The Principal Chief Conservator of Forests (HoFF) Telangana, Hyderabad vide Rc.No.17449/2017/FCA-3/PS (i), dt.17.01.2019 has requested to identify the Double Degraded Forest Land for CA to an extent of 4.356 Ha in Sangareddy District and submit the CA scheme with 7-10 years maintenance along with coordinates in Top Map.

Accordingly, the Forest Range Officer, Sangareddy has identified the double degraded Forest Land of 4.356 Ha in Compt.No.355 of Wailal Beat of Wailal Section of Sangareddy Range of Kodakanchi RF of Sangareddy District for purposes of CA.

1). **Compensatory Afforestation** : The double degraded forest land to an extent of **4.356** Ha is identified for taking up plantation with 3mx2m espacement in Compt.No.355 of Wailal Beat of Wailal Section of Sangareddy Range for protection with Digging of CPT and Bund Plantation are proposed 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	355	Wailal	Wailal	Sangareddy	4.356	kodakanchi

The proposals have been prepared with a cost of **Rs.46.47076** Lakhs. The year wise scheme proposals are annexed.

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

The Compensatory Afforestation is prepared over an area of **4.356** Ha of Double Degraded Forest Land basing on the Forest Schedule of Rates for the year 2018-19 of Zone-II with an escalation of 10% for 2019-20 and with an annual escalation of 10% for the subsequent years, provided the funds are to be deposited and released during the year 2019-20.

Sl. No.	Year	Amount for Forestry Works (in Lakhs)
1.	2019-20	4.4257
2.	2020-21	23.7547
3.	2021-22	8.2920
4.	2022-23	2.8018
5.	2023-24	2.6039
6.	2024-25	2.8643
7.	2025-26	0.2523
8.	2026-27	0.2181
9.	2027-28	0.3053
10.	2028-29	0.2639
11.	2029-30	0.3694
12.	2030-31	0.3193
	Total	46.47076

2.0 AIMS AND OBJECTIVES

The objectives of the scheme are as follows:

- 2.1 To create small timber and fuel wood resources to meet the needs of the local public.
- 2.2 To reduce pressure on the already depleted resource requirements of small timber, fuel and fodder of local tribal people.
- 2.3 To fulfil broader objective of sustainable environmental conservation for the general good of the people.

To fulfil the above objectives, it is proposed to take-up the Afforestation over an area of 4.356 Ha is double degraded Forest Land which the area proposed for diversion for non-forestry purpose. The plantation in 4.356 Ha DFL will be taken-up with the species like Teak, Gummadi Teak, Nalla Maddi, Somi, Narepa, Rose wood etc., and with

fuel wood, fodder and locally suitable NTFP species with 3m x 2m espacement under Semi Mechanical Method.

3.0 ELEMENTS OF THE PROJECT

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

Double Degraded Forest Land Area :

Sl. No.	Compt. No.	Beat	Section	Range	Total Area Ha.	Name of the RF
1	355	Wailal	Wailal	Sangareddy	4.356	kodakanchi

3.2 NAME OF THE SCHEME

Compensatory Afforestation scheme over an area of **4.356** Ha of double degraded forest land in Compt.No.355 of Wailal Beat of Wailal Section of Sangareddy Range of Sangareddy District in lieu of Diversion of **2.178 Ha** of Forest Land in Sangareddy District for Erection of 220 KV Multi Circuit Line and UG cable from 400 KV SS Narsapur to proposed 220/132/33 KV Bowrampet SS in Rangareddy District in favour of Superintending Engineer, OMC / Metro West / TSTRANSCO, Mint Compound, Hyderabad.

3.3 SITUATION

The proposed Compensatory Afforestation area for double degraded forest land to an extent of **4.356** Ha is identified for taking up plantation with 3m x 2m espacement in Compt.No.355 of Wailal Beat of Wailal Section of Sangareddy Range.

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 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 RAINFALL

Rainfall is mostly from the Southwest monsoon, Cyclonic rains during October-December is quite common. Average annual rainfall is 600 - 700 mm.

3.8 EXISTING VEGETATION

The Degraded Forest Land area having canopy density is about 0.1-0.4 – Old failure plantation area.

3.9 AGENCY RESPONSIBLE FOR AFFORESTATION

The Afforestation programme will be implemented by the Telangana Forest Department through the District Forest Officer, Sangareddy.

3.10 DETAILS OF WORK SCHEDULE PROPOSED FOR COMPENSATORY AFFORESTATION

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

Sl. No.	Year	Proposed Works
1.	2019-20	1. Advance Operations for Plantations. 2. Construction of boundary pillars.
2.	2020-21	Raising of Plantations
3.	2021-22	1 st Year Maintenance of Plantation.
4.	2022-23	2 nd Year Maintenance of Plantation.
5.	2023-24	3 rd Year Maintenance of Plantation.
6.	2024-25	4 th Year Maintenance of Plantation.
7.	2025-26	5 th Year Maintenance of Plantation.
8.	2026-27	6 th Year Maintenance of Plantation.
9.	2027-28	7 th Year Maintenance of Plantation.
10.	2028-29	8 th Year Maintenance of Plantation.
11.	2029-30	9 th Year Maintenance of Plantation.
12.	2030-31	10 th Year Maintenance of Plantation.

3.11 COST STRUCTURE

A Compensatory Afforestation Scheme for **Rs.46.47076 Lakhs** is prepared. The year wise expenditure will be as hereunder:

Sl. No.	Year	Amount for Forestry Works (in Lakhs)
1.	2019-20	4.4257
2.	2020-21	23.7547
3.	2021-22	8.2920
4.	2022-23	2.8018
5.	2023-24	2.6039

6.	2024-25	2.8643
7.	2025-26	0.2523
8.	2026-27	0.2181
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10.	2028-29	0.2639
11.	2029-30	0.3694
12.	2030-31	0.3193
	Total	46.47076

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

4.0 SCHEME COMPONENT

The area identified for Compensatory Afforestation is proposed to take up afforestation planting over an area of **4.356 Ha** in Degraded Forest Land under Semi Mechanical Method in 3m x 2m espacement with NTSHW Species and with fuel wood, fodder and locally suitable NTFP species. The plantation will be maintained for (10) years after planting.

4.1 COST STRUCTURE OF PLANTATIONS

The cost structure of Compensatory Afforestation including the cost structure for various components of raising and maintenance of planting stock and the plantation is appended.

4.2 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 (www.forestclearance.nic.in). These funds will be utilized by the District Forest Officer, Sangareddy for Raising Nurseries, Plantations and their maintenance as per the detailed annual plan after obtaining the approval and funds from the competent authority.

5.0 PLANTING TARGETS AND STAFF REQUIREMENT

The double the Degraded Forest Land area identified for the Compensatory Afforestation to an extent of **4.356 Ha** of Sangareddy District the details as follows:

Sl. No.	Compt. No.	Beat	Section	Range	Total Area Ha.	Name of the RF
1	355	Wailal	Wailal	Sangareddy	4.356	kodakanchi

5.1 OFFICE EXPENSES AND CONTINGENCIES RECURRING

The amount proposed towards office expenses, contingent expenses are appended.

5.2 CAPITAL EXPENDITURE NON-RECURRING


No amount is proposed towards non-recurring expenditure.

5.3 SCHEME PERIOD

This scheme will be implemented over a period of (12) years commencing from 2019-20. The details of cash flow required for the entire project period for recurring and non-recurring expenditure is furnished in annexure.

5.4 DETAILS OF PROPOSED MONITORING MECHANISM

The Chief Conservator of Forests, Sangareddy Circle, Sangareddy shall monitor the implementation of the conditions of Compensatory Afforestation and the survival of the plants planted.


District Forest Officer
Sangareddy
DISTRICT FOREST OFFICER
SANGAREDDY