

CA SCHEME

PROJECT: Diversion of 3.8561 Ha of Forest land in Asifabad Division for Laying of Optical Fiber Cable along the road within the existing Right of way for execution of T- Fiber Project in KB-Asifabad District in favour of M/s Telangana Fiber Grid Corporation Limited.

CA AREA: Double Degraded Forest Land to an extent of 8.00 Ha.

CA LOCATION: Compt No.225 of Chichupally Beat of Chichupally Section of Asifabad Range of Asifabad Division of RF: Manikgarh (East)

USER AGENCY: M/s Telangana Fiber Grid Corporation Limited.

Division: Asifabad Forest Division

District: Kumram Bheem-Asifabad

Circle: Adilabad

CA Scheme for Double Degraded Forest Land to an extent of 8.00 Ha identified in Compt No.225 of Chichupally Beat of Chichupally Section of Asifabad Range of Asifabad Division of RF Manikgarh (East) in lieu of Diversion of 3.8561 Ha of Forest land in Asifabad Division for Laying of Optical Fiber Cable along the road within the existing Right of way for execution of T- Fiber Project in KB-Asifabad District in favour of M/s Telangana Fiber Grid Corporation Limited.

1.0 INTRODUCTION :

The M/s Telangana Fiber Grid Corporation Limited has submitted the proposals for Diversion of 3.8561 Ha of Forest land in Asifabad Division for Laying of Optical Fiber Cable along the road within the existing Right of way for execution of T- Fiber Project in KB-Asifabad District in favour of M/s Telangana Fiber Grid Corporation Limited. The state of Telangana in Asifabad Forest division in lieu of the Reserve Forest area to be diverted in Asifabad Forest Division.

- 1.1** The Principal Chief Conservator of Forests (HoFF) Telangana, Hyderabad vide Rc.No. FC3/FC15/64/2022-FCA section, Dt: 30.06.2022 has requested to submit the CA scheme along with unit costs, maps etc.,

Accordingly, the Forest Range Officer, Asifabad has identified the degraded forest land to an extent of 8.00 Ha in Compt No.225 of Chichupally Beat of Chichupally Section of Asifabad Range of Asifabad Division falling in Manikgarh (East) R.F. for the purpose of CA.

- 1). Compensatory Afforestation :** The Degraded Forest Land to an extent of **8.00 Ha** is identified for raising plantations **under Semi mechanical Method** in and the details of Compensatory Afforestation scheme proposals are as follows:

Degraded Forest Land Area:

Sl. No.	Compt. No.	Beat	Section	Range	Total Area Ha.	Remarks
1	225	Chichupally	Chichupally	Asifabad	8.00 ha	

The proposals have been prepared with a cost of **Rs. 79.057 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 **8.00 Ha** of 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 degraded forest land to an extent of **8.00 Ha** is identified in Compt No. 225 of Beat: Chichupally of Section Chichupally of Asifabad Range of Asifabad Division of RF Block Manikgarh (East).

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 up to 47⁰ 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) **Technique:** Semi mechanical Method and Maintenance for (10) years is proposed.

b) **ESPACEMENT:** 3 m x 2 m i.e., 1666 plants per Ha.

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

d) PROTECTION OF THE PLANTATION: Since there is lot of biotic pressure in the area proposed for CA, Digging of peripheral trench for successfully raising the plantation. Unless Digging of peripheral trench is provided the plantation cannot be protected and the survival will be difficult.

3.8 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	2024-25	Procurement of bag plants Conversion of bag plants, Advance operations & SMC works, Digging of peripheral trench
2	2025-26	Raising operations under SMM Method & Maintenance of Bag Plants
3	2026-27	1 st Year Maintenance
4	2027-28	2 nd Year Maintenance
5	2028-29	3 rd Year Maintenance.
6	2029-30	4 th Year Maintenance.
7	2030-31	5 th Year Maintenance.
8	2031-32	6 th Year Maintenance.
9	2032-33	7 th Year Maintenance.
10	2033-34	8 th Year Maintenance.
11	2034-35	9 th Year Maintenance.
12	2035-36	10 th Year Maintenance.

3.9 COST STRUCTURE

A Compensatory Afforestation Scheme for **Rs. 79.057 Lakhs** is prepared. The year wise expenditure will be as hereunder:

SI No	Year	Financial (Rs.in Lakhs)
1	2024-25	23.673
2	2025-26	23.811
3	2026-27	8.912
4	2027-28	5.427
5	2028-29	2.298
6	2029-30	2.136
7	2030-31	0.899
8	2031-32	2.585
9	2032-33	1.088
10	2033-34	3.127
11	2034-35	1.316
12	2035-36	3.784
	Total	79.057

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, Asifabad 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 2024-25. The details of cash flow required for the entire project period is furnished in annexure.

4.5 DETAILS OF PROPOSED MONITORING MECHANISM

The Forest Range Officer, Asifabad, Forest Divisional Officer, Asifabad and District Forest Officer, Kumram Bheem-Asifabad & the Chief 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,
KB-Asifabad