

Compensatory afforestation scheme for 17.00 ha over Degraded Forest Land in Kothagudem Division in lieu of Diversion of 8.02 Ha of forest area in Saidulnama RF of Suryapeta Division for establishing Part of the railway siding and associated activities and other permanent structures in Suryapeta District in avour of M/s DCL, Hyderabad

I. Introduction :

The Prl. Chief Conservator of Forests, T.S., Hyderabad in reference No. 5344/2021/FCA-4, dt: 08.04.2021 has issued instructed to prepare CA Scheme in double degraded forest area in 17.00 ha over Degraded Forest Land(less than 0.4 density) with 7-10 years maintenance. in Kothagudem Division in lieu of Diversion of 8.02 Ha of forest area in Saidulnama RF of Suryapeta Division for establishing Part of the railway siding and associated activities and other permanent structures in Suryapeta District in favour of M/s DCL, Hyderabad.

Double the area identified is 17.00 Ha

Sl. No.	District	Division	Area in Ha	Remarks
1.	Bhadradi Kothagudem	Kothagudem	17.00	

II. Identification of degraded area:

The Forest Range Officers, Ramavaram to whom the matter was referred for identification of degraded forest area in lieu of Diversion of 8.02 Ha of forest area in Saidulnama RF of Suryapeta Division for establishing Part of the railway siding and associated activities and other permanent structures in Suryapeta District in favour of M/s DCL, Hyderabad, has identified degraded forest land of 17.00 Ha in Kothagudem Division are shown below. The surveyed sketch of the degraded forest area and location on Toposheet 1:50000 are enclosed to the scheme proposals. The area details are shown below.

Sl. No	Division	Range	Section	Beat	Compt. No.	Area in Ha
1	Kothagudem	Ramavaram	Musalivarre(w)	Pengadapa	09	17.00

III. Planting Techniques

It is proposed to raise Miscellaneous Plantation by adopting artificial regeneration under Semi-Mechanical Method in the said degraded forest areas. The said areas with red loam soil and sandy soil which are suitable for planting for raising Miscellaneous plantation as per the guidelines issued by Prl. Chief Conservator of Forests in Rc.No.43246/2012/CAMPA, dt.29.11.2012. It is noticed that the afforestation will prevent the attempt of encroachment besides cover the forest land with good tree growth.

IV. Activities proposed in Artificial Regeneration under Semi-Mechanical Method in Degraded forest of 17.00 Ha

1. Raising of misc. nursery:

The seedlings suitable such as for soil with two years old are to be raised in the nursery for planting during 2023-24.

2. Taking up advance operations:

The advance works under Semi-Mechanical Method includes clearance of misc. growth, uprootal of stumps, tilling and heaping and burning.

3. Raising of plantations:

The esplacement proposed is 3 M x 3 M - 1111 plants/ Ha. The activities including ploughing, alignment, Scoping and Planting in 45 Cms. Cub pits, with misc. species under the direct supervision of the Forest Range Officer concerned. One circular weeding, Circular weeding, deep soil working, one critical watering, Application of fertilizers, inter-ploughing, protection watcher, digging of cattle proof trench top width 1.5M, bottom width 1 M and height 1M @ 125 Cmt. per Ha.

a. Maintenance of plantations

Maintenance of plantations was taken up to 10 years as per calendar operations.

5. Planting targets proposed.

2021-22 – Raising of 4x7 Bag Nurseries

2022-23 – Advance Operations & Maintenance of Nurseries

2023-24 – Raising of Plantation

2024-25 to 2033-34 – Maintenance of Plantations

V. Project period

It is proposed to implement the scheme from 2021-22 to 2033-34 for a period of (13) years.

VI. Project Implementation Agency

The Forest Divisional Officer, Kothagudem will be the Project Implementation Agency and work will be taken through the Forest Range Officers, Ramavaram. The raising of Compensatory Afforestation Plantation requires additional manpower and mobility. Hence, it is proposed to hire services of one forester in Ramavaram Range, one Data Entry Operator for initial (6) years in Division office/District Office/Circle Office, accordingly, necessary provisions are made in the Scheme proposals under Administrative Cost - 10% of the Scheme Value.

VII. Cost structure

Basic rates proposed as per FSR 2020-21 and 10% price escalation is proposed every year on the basic rate of FSR 2020-21. Nursery for all required seedlings will be raised at one central place and accordingly required infrastructure is proposed in the scheme. The details of year-wise physical and financial target are enclosed in Annexure No. I. Unit cost of different planting techniques and plantation operations are shown in separate sheets and are enclosed.

VIII. Cost of the (Scheme) Project

Total cost of the project is Rs. 120.3289 lakhs. The details are shown in Annexure 1.

S. No	Scheme Proposals	Cost in Lakhs
1	Raising and Maintenance of Nurseries	11.9131
2	Advance operations	10.6697
3	Raising of plantations	20.0038
4	1 st year maintenance of Plantations	8.0961
5	2 nd year maintenance of Plantations	6.4216
6	3 rd year maintenance of Plantations	4.0954
7	4 th year maintenance of Plantations	3.5911
8	5 th year maintenance of Plantations	3.3212
9	6 th year maintenance of Plantations	0.6919
10	7 th year maintenance of Plantations	4.0187
11	8 th year maintenance of Plantations	0.8372
12	9 th year maintenance of Plantations	4.8626
13	10 th year maintenance of Plantations	1.0130
14	SMC Works	10.4665
15	Monitoring of CA Scheme	21.3269
15	Administrative Cost	9.0002
	Total Cost of the Project:	120.3289

IX. Employment Generation

The degraded forest land proposed for Compensatory Afforestation is located in Kothagudem and Chandrugonda Mandal in Agency Area. The local labour mostly Tribals along with Scheduled Castes will be benefitted by implementation of this project for their daily livelihood, generation expected to be created is 10,990 man days during the project period from 2021-22 to 2033-34 (60% manual component wage rate during 2019-20 on Rs. 657/- per day.

X. Annexures:

Annexure I	Year wise Estimated cost Compensatory Afforestation
Annexure II	Unit cost Data sheets

Further, it is mentioned that in case the selected locations and the areas are unavailable for taking up planting anticipating the delay of approval of the proposal, suitable degraded areas will be selected and planting will be taken up and accordingly the deviation, in any in implementing the scheme will be borne by the User Agency in the jurisdiction of Kothagudem Division. Similarly, it is also mentioned that the User Agency will be remitting the equal amount into CAMPA Account, in case the degraded forest lands were taken up for re-afforestation with any funding agency since Kothagudem Forest Division has been taking up re-afforestation in the retrieved areas of forest lands, where encroachment problem is severe. To curb the encroachment problem and re-afforestation the gap areas this modification is proposed.


Forest Divisional Officer,
Kothagudem
