

Degraded forest land 2.1084 Ha in Nagarjunasagar (WL) Division, Compt. No.72, Nellikal RF in lieu of diversion of 1.0542 Ha Forest land in Nalgonda Division for Laying of Optical Fiber Cable in favour of M/s.Telangana Fiber Grid Corporation Ltd., of Nalgonda district.

I. Introduction :

Diversion of 1.0542 Ha Forest land in Nalgonda Division for Laying of Optical Fiber Cable in favour of M/s.Telangana Fiber Grid Corporation Ltd., of Nalgonda district. Further, the Prl. Chief Conservator of Forests, T.S., Hyderabad has instructed to prepare CA Scheme in degraded forest area with 7-10 years maintenance.

(A) CA DFL land details and scheme proposed.

1) Identification of degraded forest area:

The Forest Range Officer, Nagarjunasagar to whom the matter was referred for identification of degraded forest area in lieu of diversion of forest land of 1.0542 Ha for the above-mentioned project, has identified degraded forest land of 2.1084 Ha in Nagarjunasagar Range of Nagarjunasagar 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	RF	Compt. No.	Area in Ha
1	N.Sagar	Nagarjunasagar	Nagarjunasagar	Nellikal	Nellikal	72	2.1084
TOTAL							2.1084

II. 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.

III. Activities proposed in Artificial Regeneration under Semi-Mechanical Method in Degraded forest of 2.621 Ha

1. Advance cum Raising of plantations:

The advance works under Semi-Mechanical Method includes clearance of misc. growth, uprootal of stumps, tilling and heaping and burning. The espacement proposed is 3 M x 3 M - 1111plants/ 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 cum deep soil working, one critical watering / 2 critical waterings, Application of fertilizers, inter-ploughing, protection watcher et.,

2. Maintenance of plantations

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

Planting targets proposed.

2023-24 – Advance cum Raising of Plantation

2024-25 to 2034-35 – Maintenance of Plantations

IV) Cost of the (Scheme) Project

Total cost of the project is Rs. 11.09166 lakhs.

The details are shown in Annexure 1.

Sl. No	Item of work	Total	
		Phy	Fin
1	2	3	4
	<u>Proposal for DFL</u>		
I	Raising of Nursery	4000	1.51216
I	Raising of SMM plantation – DFL		
1	Advance Cum Raising of Plantation	2.1084	3.25171
	Sub Total :		4.76387
II	Maintenance of plantations		
1	1st Year	2.1084	0.90976
2	2nd Year	2.1084	0.81574
3	3rd Year	2.1084	0.47759
4	4th Year	2.1084	0.25176
5	5th Year	2.1084	0.47505
6	6th Year	2.1084	0.30462
7	7th Year	2.1084	0.57481
8	8th Year	2.1084	0.36860
9	9th Year	2.1084	0.69552
10	10th Year	2.1084	0.44600
	Sub Total :		5.31946
	Total - DFL		10.08333
	Admin cost @ 10 %		1.00833
	Gr.Total		11.09166

D. Project period

It is proposed to implement the scheme from 2023-24 to 2034-35 for a period of (12) years.

E. Project Implementation Agency

The Forest Divisional Officer (WL), Nagarjunasagar will be the Project Implementation Agency and work will be taken up through the Forest Range Officer, Wildlife Management, Nagarjunasagar. The raising of Compensatory Afforestation Plantation requires additional manpower and mobility. One Data Entry Operator for initial (3) years in Division office, accordingly, necessary provisions are made in the Scheme proposals under Administrative Cost - 10% of the Scheme Value.

F. Cost structure

Basic rates proposed as per FSR 2021-22 and 10% price escalation is proposed every year on the basic rate of FSR 2021-22. 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.

G. Administrative cost :-


10% of the CA scheme of DFL i.e., 1.00833 Lakhs is proposed for administration expenses.

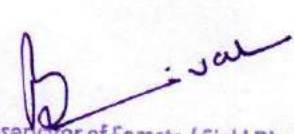
I. Annexures:

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, 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 Nagarjunasagar (WL) 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 Nagarjunasagar (WL) 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.


District Forest Officer,
NALGONDA,


Forest Divisional Officer
Wildlife Management
Nagarjunasagar


Chief Conservator of Forests / Field Director
Amrabad Tiger Reserve, ACHAMPET