

**COMPENSATORY AFFORESTATION SCHEME PROPOSALS FOR IMPROVEMENT OF DOUBLE THE DEGRADED FOREST LAND (2.7283X2=5.4566 or 5.50 Ha, IN RAMAYAMPETA RANGE IN LIEU OF DIVERSION OF 2.7283 HA FOREST LAND IN MEDAK DISTRICT FOR LAYING OF OPTICAL FIBER CABLE ALONG THE ROAD WITHIN THE EXISTING RoW FOR EXTENSION OF T-FIBER PROJECT IN FAVOUR OF M/s TELANGANA FIBER GRID CORPORATION LIMITED.**

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**I. INTRODUCTION:**

As per the para 2.5 (b) of Handbook on Forest (Conservation) Act, 1980 & Forest (Conservation) Rule 2003 communicated by the GoI, MoEF&CC, New Delhi in F.No. 5-2/2017-FC dated. 28.03.2019, "the CA shall be raised and maintained at the cost of the user agency on degraded forest land twice in extent of the forest area diverted in the cases of laying of telephone / optical fiber lines. In view of the above and as per the instructions, the Forest Range officer, Ramayampet has identified the following degraded forest areas and certified the suitability. The details are as follows.

Sl. No.	Range	Beat	Section	Block	Compt. No.	Net area available
1	2	3	4	5	6	7
1	Ramayampet	Akkannapet	Akkannapet	Akkannapet	121	6.65
					<b>Total :</b>	<b>6.65</b>

The degraded forest area where the growth is less than 0.4 density is proposed for treatment under Afforestation Scheme including Raising of Nurseries, Raising of plantations, Soil and Moisture Conservation works in the identified Degraded forest area. Accordingly, an Action Plan for raising of Compensatory Afforestation plantations in degraded forest areas of Compt. No. 121 of Akkannapet Reserve Forest of Akkannapet Section and beat of Ramayampeta Range of Medak District is Prepared with an outlay of **Rs. 45.105 Lakhs** for raising miscellaneous plantations and taking up other SMC works.

**PROJECT COST :**

- i. The total financial out lay of the project for

<b>S.No</b>	<b>Scheme Proposals</b>	<b>Cost in Lakhs</b>
1	SMC works.	7.592
2	Compensatory Afforestation in Degraded Forest Area	34.559
6	Administrative Cost	2.954
	<b>Total</b>	<b>45.105</b>

**1. LOCATION OF THE AREA PROPOSED FOR COMPENSATORY AFFORESTATION IN DEGRADED FOREST AREA**

The Compensatory Afforestation Scheme is aimed at improvement of the quality of Forests. With this in mind, degraded Forest areas of Compt. No. 121 of Akkannapet Reserve Forest of Akkannapet Section and beat of Ramayampeta Range of Medak District is proposed for treatment. In general the above Compartments are having misc tree growth of Billudu, Nalla Maddi, Vepa, Tuniki, Ippa etc and number of cattle enters into the Forests from nearby villages for grazing and the villagers also hack the vegetation for fuelwood and household purposes.

**2. LEGAL STATUS OF THE PROPOSED CA AREA :**

The proposed CA areas in Compt. No. 121 of Akkannapet Reserve Forest of Akkannapet Section and beat of Ramayampeta Range of Medak District is notified Under Section 18 of Hyderabad Forest Act 1326 F (1916 AD) & state Gazette .No.1271 dt.15.11.1344 F.

The selected areas consists of steep to gentle slopes with degraded plain areas with accessibility to roads and are degraded mainly due to biotic interference and are found suitable for Compensatory Afforestation.

### **3. SOIL DESCRIPTION AND TERRAIN :**

In the proposed area, the soils are eroded and are ranging from red sandy loam to sandy loam with saline patches here and there.

### **4. FLORA AND FAUNA:**

In the proposed degraded Forest area the species available apart from the above are Billudu, Nalla Maddi, Vepa, Tuniki, Ippa, EP, Sandra and there are no endangered/rare Wild animals found in the selected area.

### **5. TREATMENT MODELS:**

It is proposed to treat the Degraded Forest areas under the following Treatment models.

a) Model I: Artificial Regeneration

i. Raising of plantations in degraded forest areas

b) Model II: Soil Moisture conservancy works

Out of 7.99 Ha identified degraded area, an area of 5.50 Ha was proposed to taking up afforestation works.

The above Afforestation and Reforestation works shall be carried out either by involvement of VSS members or through Departmental execution.

#### **I. Model I; Artificial Regeneration**

#### **RAISING OF PLANTATIONS – PLANTING ON PLAINS/DEGRADED FOREST AREAS**

To compensate the loss of Valuable forest growth in the Reserved forest areas, it is proposed to raise certain plantations in the degraded forest areas.

#### **a) NON TIMBER SECOUNDARY HARDWOOD (NTSH) SPECIES PLANTATIONS :**

It is proposed to raise the above model of plantations under **Semi Mechanical Method (SMM)** through intensive site preparation practices. The operations to be carried out are Survey and demarcation, Clearing

the miscellaneous jungle growth, uprooting the stumps, Tilling the area, collection and removal of uprooted stumps through tractor/ manually, Deep ploughing the area with heavy duty tractors and planting at 3 X 3 m espacement in 45 centimeter cube pits. All other cultural operations like Weeding's, Soil workings, manuring etc., will be provided for Ten years excluding raising year duly following the instructions in PCCF A.P Circular No6/2002/PMU-I/3, issued vide Prl. Chief Conservator of Forests, A.P., Hyderabad Rc.No.17309/2000/PMU-I/3, Dt.27.09.2002 and instructions issued by Prl. CCF, A.P., Hyderabad Rc.No.4775/2002/F5, dt.21.02.2005.

## **II. Model II: Improvement of Soil Moisture by way of SMC works:**

- a) Most of these areas identified for Compensatory Afforestation area are having good variety of viable root stock. Offering absolute protection to these degraded areas from Biotic pressure is the best course of action for developing the area into productive forests. Staggered contour Trench (SCTs) and Percolation Tanks are proposed to be taken up. Digging of Percolation Tanks or Mini percolation tanks wherever required in the identified degraded forest area where the existing 2<sup>nd</sup> order nallahs are there.

## **III. Administrative Costs (Over Heads)**

As the work involved is a massive one and involves lot of record maintenance, book keeping and intensive mobility of the field officers it is required to provide 10% of treatment cost towards over heads. The proposals under over heads are for hiring of Jeeps, Erection of watch tower, Barrier gate, Utility payments of District Office and Range Offices, Stationary and Computer peripherals, Maintenance and repairs, POL charges of District Office etc.,

## **6. PROJECT COST :**

- i. The total financial out lay of the project is
  - a) Compensatory Afforestation in Degraded

Forest Area:

**Rs. 45.105 lakhs**

The annual requirement of funds have been worked out on the base cost of 2022-23 FSR with 10% annual escalation for the remaining project period up to 2035.36.

The component wise details in brief are as follows.

S.No	Scheme Proposals	Cost in Lakhs
1	SMC works.	7.592
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	<b>Total</b>	<b>45.105</b>

## 7. MODE OF EXECUTION :

- It is proposed to implement the above proposals through VSS on Joint Forest Management concept or by Departmental execution method wherever possible. In addition to the existing staff of Forest Department with required logistic support, necessary manpower required for effective implementation of the project will be hired through outsourcing.
- SMC works and other Afforestation works are being carried out in the above said proposed degraded forest area through ongoing Schemes, like TKHH. Hence, left over works if any as per this scheme will be carryout in the adjoining Forest Blocks of Ramayampeta Range.**

### Annexures:

Annexure	I	::	Year wise Estimated cost Compensatory Afforestation in Degraded Forest Area.
Annexure	II	::	Unit cost Data sheets

  
District Forest Officer  
Medak.