

## CA SCHEME

For Double Degraded Forest Land to an extent of 60.00 Ha identified in Compt.No. 157 (231/1) of Damerakunta Ext of Mahadevpur Block of Damerakunta Beat & Section of Kataram Range of Mahadevpur division in lieu of Diversion of 13.3642 ha (diversion area 8.1834 ha + Re diversion area 5.1808 ha) Ha of Forest Land in Mahadevpur division and 18.4282 ha diversion in Bhupalpally division for Widening and Strengthening of existing road to two lane with paved shoulders from km 25/0 to 59/2 in Jayashanker Bhupalpally District in favour of Regional Officer, GoI, MoRTH, Hyderabad .

AREA : 60.00 Ha

Compt.No.157 (231/1)

Beat : Damerakunta

Section : Damerakunta

Range : Kataram

District : Jayashanker Bhupalpally

CA Scheme For Double Degraded Forest Land to an extent of 60.00 Ha identified in Compt.No. 157 (231/1) of Damerakunta Ext of Mahadevpur Block of Damerakunta Beat & Section of Kataram Range of Mahadevpur division in lieu of Diversion of 13.3642 ha (diversion area 8.1834 ha + Re diversion area 5.1808 ha) Ha of Forest Land in Mahadevpur division and 18.4282 ha diversion in Bhupalpally division for Widening and Strengthening of existing road to two lane with paved shoulders from km 25/0 to 59/2 in Jayashanker Bhupalpally District in favour of Regional Officer, GoI, MoRTH, Hyderabad

### 1.0 INTRODUCTION :

The Regional Officer, GoI, MoRTH, Hyderabad has submitted the proposals for Diversion of 13.3642 ha (diversion area 8.1834 ha + Re diversion area 5.1808 ha) Ha of Forest Land in Mahadevpur division and 18.4282 ha of diversion in Bhupalpally division for Widening and Strengthening of existing road to two lane with paved shoulders from km 25/0 to 59/2 in Jayashanker Bhupalpally District in favour of Regional Officer, GoI, MoRTH, Hyderabad.

**1.1** The Principal Chief Conservator of Forests (HoFF) Telangana, Hyderabad vide Rc.No.19783/2018/FCA-2 , dt.01.014.2019 has requested to identify the Degraded Forest Land for CA double in extent of forest land diverted in Jayashanker Bhupalpally District and submit the CA scheme with 7-10 years maintenance along with coordinates in Topo Map.

Accordingly, the Forest Range Officer, Kataram has identified the double degraded Forest Land of 60.00 Ha in Compt.No. 157 (231/1) of Damerakunta Ext of Mahadevpur Block of Damerakunta Beat & Section of Kataram Range of Mahadevpur division for purposes of CA.

1). **Compensatory Afforestation** : The double degraded forest land to an extent of 60.00 Ha is identified for taking up plantation with 3mx3m espacement in compt.no. 157 (231/1) of Damerakunta Ext of Mahadevpur Block of Damerakunta Beat & Section of Kataram 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	157 (231/1)	Damerakunta	Damerakunta	Kataram	Effective 60.00	Damerakunta Ext of Mahadevpur Block

The proposals have been prepared with a cost of **Rs.431.59515** 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 **60.00** 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.	2020-21	159.40608
2.	2021-22	74.01746
3.	2022-23	84.68759
4.	2023-24	24.09858
5.	2024-25	19.07564
6.	2025-26	20.98321
7.	2026-27	11.90768
8.	2027-28	2.807
9.	2028-29	12.26504
10.	2029-30	3.39647
11.	2030-31	14.84069
12.	2031-32	4.10973
	<b>Total</b>	<b>431.59515</b>

**2.0 AIMS AND OBJECTIVES**

The objectives of the scheme are as follows:

- 2.1 To increase forest cover and vegetation density in forest lands.

- 2.2 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 60.00 Ha in degraded Forest Land. The plantation in 60.00 Ha DFL will be taken-up with the species like Nalla Maddi, Yegisa, Ravi, Jetu Regi, Ragi , Marri , Juvvi, Somi, Neredu, etc., and with fuel wood, fodder and locally suitable NTFP species with 3m x 3m espacement under Labour Intensive 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	157 (231/1)	Damerakunta	Damerakunta	Kataram	60.00	Damerakunta Ext of Mahadevpur Block

### **3.2 NAME OF THE SCHEME**

Compensatory Afforestation scheme over an area of **60.00** Ha of degraded forest land in Compt.No. 157 (231/1) of Damerakunta Ext of Mahadevpur Block of Damerakunta Beat & Section of Kataram Range in lieu of Diversion of forest land for Widening and Strengthening of existing road to two lane with paved shoulders from km 25/0 to 59/2 in Jayashanker Bhupalpally District in favour of Regional Officer, GoI, MoRTH, Hyderabad.

### **3.3 Location:**

The proposed Compensatory Afforestation area in degraded forest land to an extent of **60.00** Ha is identified for taking up plantation with 3m x 3m espacement in 157 (231/1) of Damerakunta Ext of Mahadevpur Block of Damerakunta Beat & Section of Kataram 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 raises 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 is having canopy density of about 0.1-0.4.

### **3.9 AGENCY RESPONSIBLE FOR AFFORESTATION**

The Afforestation programme will be implemented by the Telangana Forest Department through the Forest Divisional Officer, Mahadevpur.

### **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	Name of the work
1.	2020-21	Nursery (purchase of Tall plants and maintenance & Advance Operations
2.	2021-22	Raising of Plantation
3.	2022-23	1st year maint of plantation
4.	2023-24	2nd year maint of plantation
5.	2024-25	3rd year maint of plantation
6.	2025-26	4th year maint of plantation
7.	2026-27	5th year maint of plantation
8.	2027-28	6th year maint of plantation
9.	2028-29	7th year maint of plantation
10.	2029-30	8th year maint of plantation
11.	2030-31	9th year maint of plantation
12.	2031-32	10 th year maint of plantation

### **3.11 COST STRUCTURE**

A Compensatory Afforestation Scheme for **Rs. 431.59515 Lakhs** is prepared. The year wise expenditure will be as hereunder:

Sl. No.	Year	Amount for Forestry Works (in Lakhs)
1.	2020-21	159.40608
2.	2021-22	74.01746
3.	2022-23	84.68759
4.	2023-24	24.09858
5.	2024-25	19.07564
6.	2025-26	20.98321
7.	2026-27	11.90768
8.	2027-28	2.807
9.	2028-29	12.26504
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11.	2030-31	14.84069
12.	2031-32	4.10973
	<b>Total</b>	<b>431.59515</b>

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 **60.00 Ha** in Degraded Forest Land under Labour intensive method in 3m x 3m escapement with NTSW 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.parivesh.nic.in](http://www.parivesh.nic.in)). These funds will be utilized by the Forest Divisional Officer, Mahadevpur 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 Degraded Forest Land area identified for the Compensatory Afforestation to an extent of **60.00 Ha** of Jayashankar Bhupalpally District the details as follows:

Sl. No.	Compt. No.	Beat	Section	Range	Total Area Ha.	Name of the RF
1	157 (231/1)	Damerakunta	Damerakunta	Kataram	60.00	Damerakunta Ext of Mahadevpur Block

**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 2020-21. 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, Warangal Circle, Warangal shall monitor the implementation of the conditions of Compensatory Afforestation and the survival of the plants planted.

  
District Forest Officer  
Jayashankar Dist.  
Bhupalpally.

  
Forest Divisional Officer  
Mahadevpur

  
Mahadevpur

  
Chief Conservator of Forests  
Conservator of Forests  
Warangal Circle, Warangal.