

MITIGATIVE MEASURES PROPOSED

FOR

MITIGATIVE MEASURES TO BE TAKENUP IN THE FOREST AREA PROPOSED TO BE DIVERSION OF FOREST LAND TO AN EXTENT OF 1.485 HA OF FOREST LAND FOR IMPROVEMENT OF EXISTING ROAD AND WIDENING FROM "RAVINDARNAGAR TO KORSINI (GANGAPUR TO KORSINI IN GUEM AND GANGAPUR R.F. OF KAGHAZNAGAR FOREST DIVISION IN FAVOUR OF DISTRICT PANCHYAT RAJ, ENGINEER KOMARAMBHEEM-ASIFABAD DISTRICT

IN

**KAGHAZNAGAR DIVISION
OF KUMURAM BHEEM – ASIFABAD DISTRICT
OF
ADILABAD CIRCLE**

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1. INTRODUCTION :

The total geographical area of Telangana State is 114840 Sq KM and the total forest area is 28809.08 Sq. Kms. which constitute to 25.19%, whereas the total geographical area of the Kaghaznagar division is 1,64,100 Ha. covering the forest area of 91719.31 Ha. in five Ranges constituting about 55.90%. The Kaghaznagar division lies between 19° 11' 30" and 19° 37'30" north latitudes and 79° 22' 30" and 79° 59'0" east longitudes.

The Kaghaznagar Division consisting of five Ranges, namely - Kaghaznagar, Sirpur, Karjelly, Penchikalpet & Bejjur Ranges.

The Forest area in the Ranges are being utilized as the Corridor for Kawal Tiger Reserve for attracting the Tigers from Thadoba Tiger Reserve of Maharashtra State and Indiravathi Tiger Reserve of Chattisghar State.

Sl. No.	Range	Section	Beat	Comp t No	Name of the RF	Proposed area for Diversion		
						Length in Mts	Width in Mts	Area in Ha
1	Karjelly	Balaji Ankoda	Balaji Ankoda	171	Gangapur	501.207	5	0.251
2	Karjelly	Balaji Ankoda	Balaji Ankoda	172	Gudem	1572.46	5	0.786
3	Karjelly	Balaji Ankoda	Korsana	174	Gudem	896.622	5	0.448
						2970.289		1.485

If is falling in Wildlife area and it is necessary to take up the mitigative measures to counter the consequential problems, in order to protect the flora and fauna.

The following area the consequential problem of construction of Road in Forest area.

- 1) Biotic interference.
- 2) Depletion of Forest Flora
- 3) Poaching of Wild Fauna.
- 4) Forest Fires.
- 5) Encroachments
- 6) Soil Erosion.

2. Name of the Scheme : Mitigative measures (Conservation Plan for Flora and Fauna for construction of Road.

3. Legal Status :

Sl No	Name of the RF Block	Notified U/s	Notification details
1	Gangapur	24 of APF Act, 1967	Gangapur : Notified under Section 24 G.O. Ms No. 924 F&RD For-III dt 25.12.77 A.P. Gazette No. 10 dt 15.01.1978.
2	Gudem	15 of APF Act, 1967	Gudem R.F. : Notified under Section - 19 of Hyderabad Forest Act No. 2 of 1335 Fasli vide G.O. Ms. No. 546 dated 19.03.1958.

4. Period of the Scheme :

The Conservation Plan period is (3) years

5. Objectives:

1. Protection and improvement of the eco-system through mitigative measures.
2. Improvement of water resources through Soil & Moisture Conservation measures by catchment area treatment on watershed principles.
3. Habit improvement through improvement of fodder availability and protection from fire.
4. Publicity and awareness – conservation education to the stakeholders for protecting Flora and Fauna.

Therefore, it is mandatory for addressing the problems expected consequential for **improvement of existing road and widening from "Ravindarnagar to Korsini (Gangapur to Kosini)"** in Wildlife area in order to achieve the objectives the operations of Gap plantations and SMC works are proposed to improve the vegetation status in the area. Since it is a wildlife area, the wildlife protection and habitat improvement works like fodder development, fire protection and publicity and proposed.

The item of works, quantity and amount required are submitted hereunder.

6. Mitigative plan

Proposed mitigative measures for improvement of existing road and widening from "Ravindarnagar to Korsini (Gangapur to Kosini)" of Karjelly Range of Kaghaznagar Division (Project Cost : Rs.128.50 Lakhs x 15% = Rs.19.275 Lakhs)

Sl No	Item of works	Units	Qty	Rate	Amount (Rs. No. Lakhs)
1	Wildlife protection				
i	Animal Trackers (5 Nos for 3 years / 5 units (5x3x12x9000 = 16.20 Lakhs)	Nos	5	0.090	16.200
ii	Erection of check gates to control wildlife entering to road	Nos	2	0.120	0.240
II	Habitat improvement measures				
i	Management of grass land by uprooting the obnoxious weed and sowing local collected grass seed over – Ha (incl maint for 3 years)	Ha	2	0.400	0.800
ii	Construction of saucer pits	Nos	8	0.100	0.800
III	Publicity & awareness and Eco Development activities				
i	Conducting of Awareness programme for Wildlife	Nos	5	0.250	1.250
	Total				19.290

Conclusion: The mitigative measures are proposed to prevent adverse effects of proposed project. Construction of Road to Wildlife both Flora and Fauna of the area and also at the same time improving the water resources and controlling soil and water erosion.

Forest Divisional Officer
Kaghaznagar

District Forest Officer
Komaram Bheem
(Asifabad)