

MITIGATIVE MEASURES PROPOSED

FOR

**MITIGATIVE MEASURES TO BE TAKENUP IN THE FOREST AREA PROPOSED TO BE
DIVERSION AREA OF 6.6766 HA OF FOREST LAND IN KAGHAZNAGAR DIVISION FOR
ERRECTION OF 33 KV INTERLINKING LINE FROM 33/11LV SS PENCHIKALPET TO
LOADPALLY 33KV CUT POINT IN PENCHIKALPET (M) OF KAGHAZNAGAR DIVISION
OF KUMRAMBHEEM ASIFABAD DISTRICT IN FAVOUR DIVISIONAL ENGINEER,
OPERATION, M/S TSNPDCL, KAGHAZNAGAR KUMURAM BHEEM 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 Chattisgarh State.

Sl. No.	Range	Section	Beat	Compt No	Name of the RF	Proposed area for Diversion		
						Length in Mts	Width in Mts	Area in Ha
1	Penchikalpet	Penchikalpet	Bombaiguda	155	Kadamba	641.08	15	0.9616
2	Penchikalpet	Penchikalpet	Bombaiguda	Kadamba Ext-VI	Kadamba Ext-VI	2230.00	15	3.3450
3	Penchikalpet	Loadpally	Loadpally	Bejjur Ext-VII	Bejjur Ext-VII	850.00	15	1.2750
4	Penchikalpet	Loadpally	Loadpally	236	Bejjur	730.00	15	1.0950
						4451.08		6.6766

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	Kadamba	15 of APF Act, 1967	Kadamba : Notified Under Section 15 vide Notification No - Nil - dt. 24-5-1951.
2	Kadamba Ext - VI	15 of APF Act, 1967	Kadamba Ext - VI : Notified Under Section 15 vide Notification No G.O Ms.No 283 F&RD dt. 25-7-1982.
3	Bejjur Ext - VII	15 of APF Act, 1967	Bejjur Ext - VII : Notified Under Section 15 vide Notification No GO.Ms NO419 F&RD For III Dept. Dt. 09-09-1974.AP. Gazette No 488.dt.12-12-1974.Add. Dist. Gazette No dt17-01-75
4	Bejjur RF:	15 of APF Act, 1967	Bejjur RF: Notified Under Section 15 vide Notification No 50, dt 24-05-1951.

**Period of the Scheme :**

The Conservation Plan period is (1) 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 “Erection of 33 KV Interlinking line from 33/11LV SS Penchikalpet to Loadpally 33KV Cut point is passing through compartment numbers 155 of Kadamba, Kadamba Ext-VI, Bejjur Ext – VII and Compt No. 236 of Bejjur RF of Penchikalpet Range 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 “Erection of 33 KV Interlinking line from 33/11LV SS Penchikalpet to Loadpally 33KV Cut point of Penchikalpet Range of Kaghaznagar Division (Project Cost : Rs.107.00 Lakhs x 15% = Rs.16.05 Lakhs)

Sl. No.	Item of works	Units	Qty.	Rate	Amount (Rs. In lakhs)
I	Wildlife protection				
1	Animal Trackers (5 Nos. for 3 year /5 units (5 Nos x 1 years x12 months x Rs: 9000/- = 5.40 Lakhs)	Nos.	5 Nos x 1year	0.09	5.400
2	Erection of check gates to control wildlife entering to road	Nos.	5	0.12	0.600
II	Habitat improvement measures				
1	Raising of Fodder plots with chainlink	Ha	2	2.60	5.200
2	Construction of saucer pits	Nos.	15	0.10	1.500
3	Formation of Percolation Tanks	Nos.	2	1.00	2.000
III	Monitoring of wildlife				
1	Supply of field kit to the staff containing Measurement tape, torch, bill hook, bag, water bottle, plaster of paris, mug, glass, compass, etc for wildlife monitoring	Nos	4	0.05	0.200
2	Maintenance of Vehicles incl POL of staff engaged in wildlife monitoring	Nos	1	1.00	0.500
V	Publicity & awarness and Eco Development activities				
a)	Setting up of regulatory sign boards on speed limits and wild animal crossing zones @ Rs.0.60 per each	Nos	1	0.6	0.600
	Total				16.000

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.

(Signature)
District Forest Officer
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