

**MITIGATIVE MEASURES TO BE TAKENUP IN THE FOREST AREA PROPOSED TO BE  
DIVERTED (6.3099 Ha) FOR CONSTRUCTION OF ROAD FROM MUTHNOOR TO  
FAKEERNAYAK THANDA IN UTNOOR RF OF UTNOOR DIVISION.**

**1. INTRODUCTION :**

The total geographical area of the Adilabad District is 3,98,000 Ha and out of which the forest area is 1,83,000 Ha. which constitutes 45.98%. The total forest area Uttoor division is 42,227.63 Ha. The Unit consisting of (2) Ranges namely Birsai pet and Sirchelma Ranges. The Forest areas falls in Core and Buffer areas of Kawal Tiger Reserve.

The forest area in Uttoor Division is known for its diversified flora and fauna apart from scattered primitive tribal group habitations with unique tribal culture.

In the above scenario the District Panchayat Raj Engineer, Adilabad District submitted proposals for construction of Road from Muthnoor to Fakeernaia Thanda in Sirchelma RF. The proposed road proposal falling in Uttoor FDPT Division (area 6.3099 Ha) Sirchelma KTR Range of Uttoor FDPT Division. The details are shown below:

Sl. No.	Name of the RF Block	Notified Under	Range	Beat	Compt.No.	Area
1	Sirchelma	15 Of APF Act, 1967	Sirchelma KTR	Sirkonda, Palawagu, Waipet(S), Rimma	186,187,205 ,207,209 and 210	6.3099

It 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 are the Consequential problems 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 RF Block	Notified U/s.	Notification details
1	Sirchelma	15 of APF Act, 1967	under section 15 of AP (Telangana area ) Forest Act vide GO No. 49,Dt. 26 <sup>th</sup> Aban 1354 F

**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. Habitat 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 construction of Road from Muthnoor to Fakeernaik Thanda 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 are proposed.

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

**5. Mitigative plan :**

Sl. No.	Item of works	Units	Qty.	Rate	Amount (Rs. In lakhs)
<b>I</b>	<b>Wildlife protection</b>				
1	<b>Animal trackers</b> (5 Nos. for 3 year /5 units (5x3x12x9000/- = Rs.16.20 Lakhs)	Nos.			16.200
2	<b>Anti Poaching squads</b> (1 No. for 2 year /1 unit (1x24000/- x12 = Rs.2.880 Lakhs + 5x12x9000=Rs.5.400 Total =Rs.2.88+Rs.5.40=Rs.8.28 x 2=Rs.16.56 Lakhs)	Nos.	1		16.560
3	Erection of check gates to control wildlife entering to road	Nos.	8	0.12	0.960
4	Construction anti poaching hut (Semi permanent strucutre) for wildlife monitoring	Nos.	1	7.00	7.000
5	Construction of watch tower	Nos	1	10.0000	10.000
<b>II</b>	<b>Habitat improvement measures</b>				
1	Borewell with solar pump set	Nos	1	6.00	6.000
2	Management of grass land by uprooting the obnoxious weed and sowing local collected grass seed over - Ha ( incl maint for 3 Years)	Ha	3	0.4000	3.600
3	Raising of Fodder plots with chainlink	Ha	2	2.60	5.200
4	Construction of saucer pits	Nos.	8	0.10	0.800
5	Formation of Percolation Tanks	Nos.	2	1	2.000
<b>III</b>	<b>Monitoring of wildlife</b>				
1	Procurement of camera traps for monitoring wild animals	Nos	30	0.3	9.000
2	Procurement of batteries, memory cards etc for camera traps	Nos	50	0.03	1.500
3	Procurement of hand held GPS , Binoculars	Nos	5	0.25	1.250
4	Procurement of Walkie talkies	Nos	5	0.2	1.000
5	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	20	0.05	1.000
6	Data Entry operator for maintenance of wildlife data	Nos	1	1.8	1.800
7	Maintenance of Vehicles incl POL of staff engaged in wildlife monitoring	Nos	1	1	1.000
<b>V</b>	<b>Publicity &amp; awareness and Eco Development activities</b>				
a)	Installation of large hoarding and sign boards to propogate the needs for the conservation of flora and fauna of the area	Nos	2	1	2.000
b)	Setting up of regulatory sign boards on speed limits and wild animal crossing zones @ Rs.0.60 per each	Nos	3	0.6	1.800
c)	Conducting of Awareness programme for Wildlife	Nos.	2	0.25	0.500
d)	Providing Solar fence to the farmers for controlling crop damage by wildlife	Nos	16	0.12	1.920
<b>VI</b>	<b>Fire management</b>				
a)	Procurement of fire blowers @ Rs.0.60	Nos	1	0.6	0.600
b)	Procurement of fire fighting equipments like shoes, glouse, helmates, spades, crowbars fire beaters etc., @ Rs.	LS	LS	LS	0.500
c)	Engaging of fire watchers (1 No. for 3 year /1 unit 5x5x9000=Rs.2.25 Total Rs.2.25 x 3= Rs.6.75 Lakhs)	Nos			6.750
	<b>Total</b>				<b>98.94</b>

**Conclusion:** The mitigative measures are proposed to prevent adverse effects of proposed 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,  
Utnoor FDPT.