

MITIGATIVE MEASURES TO BE TAKENUP IN THE FOREST AREA PROPOSED TO BE DIVERTED (0.7433 Ha) FOR LAYING OF OPTICAL FIBER CABLE ALONG THE ROAD WITH IN THE EXISTING RIGHT OF WAYFOR EXECUTION OF T-FIBER IN ECHODA DIVISION OF ADILABAD DISTRICT (ECO SENSITIVE ZONE AREA OF KTR)

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 Echoda division is 55074.55 Ha. The Unit consisting of (3) Ranges namely Echoda, Neradigonda and Boath Ranges. The Forest area falls in Eco Sensitive Zone area of Kawal Tiger Reserve.

The forest area in Echoda 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 M/s. Telangana Fiber Grid Corporation limited has submitted proposals for laying of Optical Fiber Cable in Dedra, Harkai, Sirchelma, Wagdhari, Kadam, Raghunathpur and Nagamalia RF blocks. The proposed laying of Optical Fiber Cable is falling in Echoda, Neradigonda and Boath ranges of Echoda Division (area 0.7433 Ha). The details are shown below:

ID	Division	Range	Section	Beat	RF	Compt. No.	Length	Width	Area in Ha.	PA/ESZ	Remarks (Notifications Details)
1	Echoda	Echoda	Barampur	Jhari	Dedra	138	602.06	0.45	0.0271	No	U/S 15
2	Echoda	Echoda	Bazarhathnoor	Butai K	Dedra	123	180.52	0.45	0.0081	No	U/S 15
3	Echoda	Echoda	Bazarhathnoor	Butai K	Dedra	123	946.17	0.45	0.0426	No	U/S 15
4	Echoda	Echoda	Gudihathnoor	Damanguda	Harkai	139	540.45	0.45	0.0243	No	U/S 4
5	Echoda	Echoda	Gudihathnoor	Damanguda	Harkai	139	217.32	0.45	0.0098	No	U/S 4
6	Echoda	Echoda	Gudihathnoor	Dignoor	Harkai	158	1443.49	0.45	0.065	No	U/S 4
7	Echoda	Echoda	Echoda	Salyada	Sirchelma	198	719.78	0.45	0.0324	ESZ	U/S 15
8	Echoda	Neredigonda	Neredigonda	Wagdhari	Wagdhari	11,12	4024.99	0.45	0.1811	No	U/S 15
9	Echoda	Boath	Sonala	Kouta S	Kaddam	8	2003.82	0.45	0.0902	No	U/S 15
10	Echoda	Boath	Boath	Bondidi	Raghunathpur	71	775.26	0.45	0.0349	No	U/S 15
11	Echoda	Boath	Boath	Bondidi	Raghunathpur	71	1225.26	0.45	0.0551	No	U/S 15
12	Echoda	Neradigonda	Arepally	Rampur, Vastapur	Nagamalia	35/2, 37/2,26	2748.85	0.45	0.1237	ESZ	U/S 15
13	Echoda	Neradigonda	Arepally	Rampur	Nagamalia	37/1,36	1088.68	0.45	0.049	ESZ	U/S 15
Total:							16516.65		0.743		

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 laying of OFC.
3. **LEGAL STATUS** :

Sl. No.	Name of RF Block	Notified U/s.	Notification details
1	Dedra	15 of APF Act, 1967	Notified under section 15 vide GO. No. 32, dt. 21 st Tir 1350 F
2	Harkai	4 of APF Act, 1967	Notified under section 4 vide GO. No. - dt 09.05.50 F
3	Sirchelma	15 of APF Act, 1967	Notified under section 15 vide Gt. No.49, dt. 26 th Aban 1354F
4	Wagdhari	15 of APF Act, 1967	Notified under section 15 vide Gt. No.17, dt. 3 rd Forwadi 1349F
5	Kadam	15 of APF Act, 1967	Notified under section 15 vide Gt. No.3, dt. 17 Azar 1346F
6	Raghunathpur	15 of APF Act, 1967	Notified under section 15 vide Gt. No.15, dt. 3 rd Isfandar 1349F
7	Nagamalia	15 of APF Act, 1967	Notified under section 15 vide Gt. No.250, dt. 22 nd Khرداد 1346F

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 laying of Optical Fiber Cable 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.

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

6. **Mitigative plan :**

Sl. No.	Item of works	Units	Qty.	Rate	Amount (Rs. In lakhs)
I	Gap planting (2000 Nos)				
1	Raising of Nursery				
	a) Primary beds	Nos.	5	611	3055
	b) Raising and Conversion of Nursery	Nos.	2500	21.6	54000
	c) Maintenance of Nursery	Nos.	2500	4.8	12000
2	Plantation (Pitting & Planting)				
	Raising of Gap plantation	Nos.	2000	101	202000
	1 st year maintenance of plantation	Nos.	2000	27.58	55160
	2 nd year maintenance of plantation	Nos.	2000	18.811	37622
II	SMC works				
	a) Digging of SCTs	Cmt.	100	328.34	32834

	b) Formation of Medium Percolation Tanks	Nos.	1	100000	100000
	c) Seed sowing on SCTs	Km	3.5	5500	19250
III	Grass land management	Ha	10	5000	50000
IV	Publicity and Awareness	Nos.			
	a) Publicity and hoardings	Nos.	1	35000	35000
	b) Awareness programme	Nos.	1	10000	10000
V	Protection				
	a) Engaging of Animal trackars	Nos.	5	10000	100000
	b) Erection check gates	Nos.	10	10000	100000
					810921
VI	Administrative cost 10%				81092
	Total				892013

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,
Echoda.

"COUNTER SIGN"


District Forest Officer,
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