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INSPECTION REPORT OF COMPENSATORY AFFORESTATION LAND IDENTIFIED TO AN EXTENT OF 34.342 ha IN SY. NO. 479 OF GOVT LAND SITUATED AT JABITHAPUR (V) OF JAGTIAL RURAL (M) IN JAGTIAL DISTRICT IN LIEU OF THE FOREST AREA PROPOSED FOR IMPROVEMENT OF (3) ROADS IN JAGTIAL DISTRICT. INSPECTION BY SRI, Y. NARASIMHA RAO, SFS., DISTRICT FOREST OFFICER, JAGTIAL ON 22.02.2018.

1. Introduction of the C A scheme:

The EE (R&B), Jagtial has submitted the proposals for improvement of (3) roads in Jagtial District. The Non-Forest land identified for Compensatory Afforestation has been identified in Sy. No. 479 of Govt Land situated at Jabithapur (V) of Jagtial Rural (M) of Jagtial Range in lieu of diversion applied for the three projects and carried out DGPS Survey and the extent of area is estimated as **34.773 ha**. During the field inspection, it is noticed that there is some quarrying for road metal, hence this portion is deducted and the total extent of non-forest CA land to be taken over 34.342 ha. The details are as follows.

Sl. No	Name of Range	Name of the Road	Forest Area in Ha.	C A Area in Ha.
1	2	3	4	5
1	Metpally	Korutla to Mallapur Road 15/0 to 26/250	7.635	9.433
2	Raikal	Medipally to Bornapally Road 22/0 to 29/0	11.300	12.681
3	Jagtial	Rechapally to Thatlavai road 3/0 to 10/0	11.584	12.228
		Total	30.519	34.342

2. The Diversion of Forest Area for widening of single lane road to double lane road:

The proposed forest area for diversion of 11.30 Ha. of forest land in Jagtial District for construction/ upgradation of Rachapally to Thattalavai road from 3/0 to 10/0 and at most of the places along the inside part of R.F. boundary.

Sl. No	Stretch	Range	Section	Beat	RF	Comp. No.	Length in Mts.	Width in Mts	Area in Ha.
1	Rechupally to Thatlavai	Raikal	Bupathipur	Tatlawai	Arsikota	608,609,610	4042.00	20	8.804
2		Jagtial	Allipur	Rechipalli	Arsikota	607	1750.00	20	3.500

3. The Details of Non-Forest Land to be proposed widening of single lane road to double lane road:

In accordance with the Forest (Conservation) Act, 1980 raising Compensatory Afforestation is necessary in lieu of forest area proposed to be diverted for non-forestry purpose. The total area of Non-Forest land is identified to an extent of **34.342 Ha** in **Sy. No. 479** of Govt Land situated at **Jabithapur (V)** of Jagtial Rural (M) of Jagtial Range; **out of which 12.228 Ha earmarked for Rechapally to Thatlavai road 3/0 to 10/0**. The undersigned along with Forest Range Officer, Jagtial and EE (R&B) staff inspected the sites on 22.02.2018.

4. Suitability of the Area of Non – Forest Land:

The identified Non- Forest Land is mainly moram, rocy soil and hillock, stone patches with gentle slope on fringes. The tree growth is very sparse. The composition of flora is *Tectona grandis* (Teak), *Holoptelia integrifolia* (Namalinara), *Azadirachta indica* (Vepa), *Wrightia tinctoria* (Palakodisa), *Chloroxylon swietenia* (Billudu), *Dalbergia paniculata* (Choppera), *Madhuca longifolia* (Ippa), *Togar Mogilie*, etc.

As per guidelines maximum (minimum 1000 plants/ha. of diverted land, no. of trees to felled in the Forest land to be diverted) be planted. 1382 trees are felled in the Forest land to be diverted. Forest land proposed for diversion is 11.584 ha that means minimum $11.584 \times 1000 = 11584$ plants. Hence, 1228 plants are to be planted. Accordingly, the CA scheme is prepared for raising NTSH species with 10 years of maintenance under Labour Intensive method. The area will be protected by Chainlink Fencing and taking up SMC works from ridge to vally concept to arrest the Soil erosion by executing SMC works like check dams, STs in order to increase the Forest cover. Watering and importing of soil is also provided in the Scheme.

5. Stall Feeding:

Till today the local villagers are dependent on these areas for their cattle feed and for fuel wood. To reduce the pressure of cattle on these diverted C.A

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lands proposed to raise fodder plots at 6 locations, @ 2 Ha./each by taking the land on lease @ Rs. 50,000/- per Hectare.

- a. To reduce the pressure on these areas, supply of grass to the villagers for stall feeding.
- b. The camping facility at Range of Jagtial for requirement of vehicle hire charges and running to be provided.

6. Fire Tracing:

The entire area is divided into four sectors and fire lines proposed.

7. Project Implementation Agency:

The District Forest Officer, Jagtial will be the Project Implementation Agency and work will be taken up through Forest Range Officers of this District. The miscellaneous works i.e, Cost of caution boards, Photos at every site one watcher is to be required for protection of the area and the bund planting up to 04 years. Similarly it is proposed to hire one vehicle for inspection and monitoring the entire CA area raising and maintenance for 10 years. Accordingly provisions are made in the scheme.

8. Period of the scheme: -

Period of the scheme is for (10) years, Proposed 3 years take up the SMC works like check dams P.Ts., CCT and remaining 7 years take up the maintenance. The scheme period commencing from 2019-20 to 2031-32.

9. Cost Structure:

The cost of the scheme is worked out by adopting present F.S.R. of 2018-19 with escalation of 10% in every succeeding year. Wherever provisions are not available, permission will be obtained from the Addl. Prl. Chief Conservator of Forests / Conservator of Forests, Karimnagar for adopting new items or rates. The total year wise cost structure of the project to an extent of 12.228 Ha., as shown

above. The details of requirement funds and year wise action plan given below. The unit cost of different planting techniques is shown below.

Sl. No.	Year	Amount Rs. in Lakhs
1	2019-20	48.02835
2	2020-21	22.16536
3	2021-22	23.30476
4	2022-23	11.01426
5	2023-24	4.65117
6	2024-25	4.363294
7	2025-26	4.799623
8	2026-27	2.679103
9	2027-28	1.057357
10	2028-29	2.846435
11	2029-30	1.279402
12	2030-31	3.444186
13	2031-32	1.548077
	Total	131.1814


District Forest Officer,
Jagtial